

Appendix A  
2007 Attainment Year Inventory

Appendix A-1  
2007 Point Source Emissions

## APP\_A-1\_EGU

FIPS	COUNTY	FACNAME	PLANTID	POINTID	STACKID	SCC	AEO FUEL	SO2 2007	NOX 2007	NH3 2007	PRI25 2007
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0003	S5	10100215	Coal	14,040.040	2,210.064	0.000	604.180
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0015	S1	10100202	Coal	17,323.196	4,120.004	0.000	926.840
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0016	S2	10100202	Coal	24,717.750	8,730.933	0.000	1,234.940
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0017	S6	10100202	Coal	6,219.398	2,062.038	0.000	233.620
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	4-0017	S10	10100401	Petroleum	596.611	265.991	0.000	1,457.410
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	5-0489	S7	10100601	Natural Gas	126.993	126.993	0.000	300.670
24005	Baltimore	Constellation - Riverside	005-0078	4-1082	S3	10100601	Natural Gas	0.096	76.512	0.000	1.250
24005	Baltimore	Constellation - Riverside	005-0078	4-1363	S4	10100601	Natural Gas	0.043	21.489	0.000	0.290
24005	Baltimore	Constellation - Crane	005-0079	3-0108	S1	10100203	Coal	13,536.995	2,682.065	0.000	846.280
24005	Baltimore	Constellation - Crane	005-0079	3-0109	S2	10100203	Coal	17,093.668	3,094.023	0.000	1,067.640
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0081	S1	10100504	Petroleum	1.755	24.414	0.000	0.470
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0082	S2	10100504	Petroleum	1.530	23.220	0.000	0.430
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0083	S3	10100504	Petroleum	2.911	44.772	0.000	0.800
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0084	S4	10100504	Petroleum	1.340	21.850	0.000	0.000
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	5-0088	S5	10100601	Natural Gas	3.094	23.998	0.000	1.590
24510	Baltimore City	Constellation Energy Group - Westport	510-0006	5-0005	S1	10100601	Natural Gas	0.000	43.980	0.000	1.080









































## APP\_A-1\_NonEGU

FIPS	CNTY NAME	NONATTAIN	NH3 2007	NOX 2007	P25 2007_TF	SO2 2007	FACNAME
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.661	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.661	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.661	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Frito-Lay
24025	Harford	Baltimore, MD	0.000	3.258	0.250	0.020	Frito-Lay
24025	Harford	Baltimore, MD	0.000	0.000	0.825	0.000	Frito-Lay
24025	Harford	Baltimore, MD	0.000	7.430	0.000	0.040	Frito-Lay
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.660	0.050	0.004	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.597	0.045	0.004	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Wave
24025	Harford	Baltimore, MD	0.000	0.687	0.053	0.020	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.003	0.000	0.000	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.472	0.035	0.003	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Generic Source - Emission Offsets
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.270	0.041	0.003	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.830	0.125	0.010	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.246	0.037	0.003	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Precoat Metals division of Sequa Corporation
24027	Howard	Baltimore, MD	0.000	2.055	0.312	0.025	Precoat Metals division of Sequa Corporation
24027	Howard	Baltimore, MD	0.000	0.195	0.015	0.001	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors













## APP\_A-1\_NonEGU

FIPS	CNTY NAME	NONATTAIN	NH3 2007	NOX 2007	P25 2007_TF	SO2 2007	FACNAME
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.450	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	15.639	0.312	6.123	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	16.314	0.316	6.399	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	15.602	0.316	6.122	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	15.352	0.304	6.042	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Mid-atlantic Baking
24510	Baltimore City	Baltimore, MD	0.000	2.661	0.200	0.019	Mid-atlantic Baking
24510	Baltimore City	Baltimore, MD	0.000	0.494	0.037	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.731	0.131	0.011	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.038	0.079	0.007	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.029	0.077	0.007	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.467	0.036	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.467	0.054	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.052	0.003	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	4.389	0.018	0.031	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.141	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.759	0.000	0.537	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.113	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.272	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.473	0.036	0.004	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.473	0.036	0.004	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	3.778	0.287	0.023	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	10.038	6.839	21.535	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	10.038	6.839	21.535	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.711	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.462	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	5.217	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.053	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.498	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.213	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.604	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	26.449	1.438	0.114	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	28.440	2.374	31.896	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	2.702	0.147	0.012	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	10.665	0.889	11.961	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	22.325	1.214	0.096	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	25.596	2.136	28.706	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	13.367	0.726	0.057	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	13.865	1.155	15.549	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	37.630	2.049	0.162	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	0.090	0.000	0.000	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.887	0.000	American Sugar Refining



## APP\_A-1\_NonEGU

FIPS	CNTY NAME	NONATTAIN	NH3 2007	NOX 2007	P25 2007_TF	SO2 2007	FACNAME
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.758	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.860	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	2.574	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.222	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	1.960	0.276	14.280	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.960	0.276	14.280	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.825	0.730	0.183	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.825	0.730	0.183	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	0.150	0.060	0.000	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	0.048	0.004	0.001	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	0.039	0.003	0.000	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	27.613	0.753	0.053	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.180	0.000	0.050	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	16.695	0.454	0.041	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	5.473	0.459	0.040	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	1.050	0.007	0.630	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	7.176	0.598	0.050	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.000	0.030	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.098	0.010	0.209	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.028	0.003	0.040	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.040	0.007	0.057	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	4.628	0.150	5.280	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Motiva Enterprises, LLC
24510	Baltimore City	Baltimore, MD	0.000	2.767	0.000	0.000	Motiva Enterprises, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.043	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.025	0.002	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	4.727	0.729	13.493	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.024	0.005	0.017	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	5.018	0.770	14.322	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	1.767	0.270	5.042	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	4.688	0.000	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.295	0.021	0.019	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.005	0.002	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.005	0.002	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.524	0.352	0.028	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.204	0.048	0.019	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.123	0.272	0.021	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.078	0.256	0.020	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.005	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.005	0.000	0.000	Morgan State University









Appendix A-2  
2007 Area Source Emissions

FIPS	CNTY_NAME	NONATTAINMEN			SCC_DESCRIPTION	NH3	NOX	PM25	SO2
		T AREA	SCC	2007		2007	2007_TF	2007	
24003	Anne Arundel	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0067	2.4627	0.3224	17.0149	
24003	Anne Arundel	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.3699	34.2500	3.6462	73.9800	
24003	Anne Arundel	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0208	1.4300	0.1089	4.1300	
24003	Anne Arundel	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	1.0400	198.8800	0.2300	1.2700	
24003	Anne Arundel	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0191	5.0400	0.0000	0.0218	
24003	Anne Arundel	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0473	1.1800	0.1268	2.4600	
24003	Anne Arundel	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0376	0.1711	0.0722	1.1657	
24003	Anne Arundel	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	4.8303	86.9400	10.2893	208.6700	
24003	Anne Arundel	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	55.6800	261.7000	0.8900	1.6700	
24003	Anne Arundel	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1083	28.5800	0.0200	0.1234	
24003	Anne Arundel	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	7.3837	10.6653	96.8085	1.6408	
24003	Anne Arundel	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	9.1834	15.1256	165.3016	2.1608	
24003	Anne Arundel	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	1.5594	3.9505	33.9603	0.6931	
24003	Anne Arundel	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.5198	1.1551	11.7822	0.2310	
24003	Anne Arundel	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	5.6546	9.3135	101.7834	1.3305	
24003	Anne Arundel	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.9598	2.4315	20.9020	0.4266	
24003	Anne Arundel	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.3195	0.7101	7.2430	0.1420	
24003	Anne Arundel	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0684	0.8660	0.6973	0.0729	
24003	Anne Arundel	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	3.0844	3.1553	47.2946	3.4786	
24003	Anne Arundel	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.4922	0.5035	7.5463	0.5550	
24003	Anne Arundel	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types		3.3061	12.2192		
24003	Anne Arundel	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.3243	5.8400	0.6916	13.5100	
24003	Anne Arundel	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives			139.6974		
24003	Anne Arundel	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives			0.5206		
24003	Anne Arundel	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch			15.1017		
24003	Anne Arundel	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha			98.7896		
24003	Anne Arundel	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying			0.0000		
24003	Anne Arundel	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying			19.6384		
24003	Anne Arundel	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry			1.7071		
24003	Anne Arundel	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total			0.0000		
24003	Anne Arundel	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries			0.0000		
24003	Anne Arundel	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total			2.9197		
24003	Anne Arundel	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total			52.9340		
24003	Anne Arundel	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total			22.0607		
24003	Anne Arundel	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent			0.0000		
24003	Anne Arundel	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T			0.0000		
24003	Anne Arundel	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types			0.0000		
24003	Anne Arundel	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types			0.0000		
24003	Anne Arundel	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types			0.0000		
24003	Anne Arundel	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types			0.0000		

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type		0.0000		
24003	Anne Arundel	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol		0.0000		
24003	Anne Arundel	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent		0.0000		
24003	Anne Arundel	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All		0.0000		
24003	Anne Arundel	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al		0.0000		
24003	Anne Arundel	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve		0.0000		
24003	Anne Arundel	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol		0.0000		
24003	Anne Arundel	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot		0.0000		
24003	Anne Arundel	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:		0.0000		
24003	Anne Arundel	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ		0.0000		
24003	Anne Arundel	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types		0.0000		
24003	Anne Arundel	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota		0.0000		
24003	Anne Arundel	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation		0.0000		
24003	Anne Arundel	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)		0.0000		
24003	Anne Arundel	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport		0.0000		
24003	Anne Arundel	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation		0.0000		
24003	Anne Arundel	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)		0.0000		
24003	Anne Arundel	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport		0.0000		
24003	Anne Arundel	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling		0.0000		
24003	Anne Arundel	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling		0.0000		
24003	Anne Arundel	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying		0.0000		
24003	Anne Arundel	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot		0.0000		
24003	Anne Arundel	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot		0.0000		

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil		0.0000		
24003	Anne Arundel	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil		0.0000		
24003	Anne Arundel	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil		0.0000		
24003	Anne Arundel	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline		0.0000		
24003	Anne Arundel	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha		0.0000		
24003	Anne Arundel	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene		0.0000		
24003	Anne Arundel	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline		0.0000		
24003	Anne Arundel	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total		8.9700	1.2900	
24003	Anne Arundel	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified		1.7600	0.2200	
24003	Anne Arundel	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified		1.3600	0.4500	
24003	Anne Arundel	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L		0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast		4.8000	0.8000	
24003	Anne Arundel	Baltimore, MD	2620030000	Landfills /Municipal /Total			0.0000	
24003	Anne Arundel	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	11.8000	0.0000		
24003	Anne Arundel	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total		0.0000		
24003	Anne Arundel	Baltimore, MD	2801000003	Agric - Crops /Tilling			12.3269	
24003	Anne Arundel	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	19.3314	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	17.8866	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.3381	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.3870	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	36.4343	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0044	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0028	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0218	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000		
24003	Anne Arundel	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	1.6318	0.0000		
24003	Anne Arundel	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	1.1002	0.0000		
24003	Anne Arundel	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0004	0.0000		
24003	Anne Arundel	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.8358	0.0000		
24003	Anne Arundel	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	3.1473	0.0000		
24003	Anne Arundel	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	1.3356	0.0000		
24003	Anne Arundel	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.3518	0.0000		
24003	Anne Arundel	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0079	0.0000		
24003	Anne Arundel	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0052	0.0000		
24003	Anne Arundel	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0141	0.0000		
24003	Anne Arundel	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0024	0.0000		

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0331		0.0000	
24003	Anne Arundel	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0060		0.0000	
24003	Anne Arundel	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0270		0.0000	
24003	Anne Arundel	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0090		0.0000	
24003	Anne Arundel	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0016		0.0000	
24003	Anne Arundel	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0081		0.0000	
24003	Anne Arundel	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0148		0.0000	
24003	Anne Arundel	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0832		0.0000	
24003	Anne Arundel	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0365		0.0000	
24003	Anne Arundel	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	19.0426		0.0000	
24003	Anne Arundel	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0241		0.0000	
24003	Anne Arundel	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0594		0.0000	
24003	Anne Arundel	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0040		0.0000	
24003	Anne Arundel	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	1.2973		0.0000	
24003	Anne Arundel	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	3.3457		0.0000	
24003	Anne Arundel	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0807		0.0000	
24003	Anne Arundel	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0499		0.0000	
24003	Anne Arundel	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0000		0.0000	
24003	Anne Arundel	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified		0.1500	0.0000	
24003	Anne Arundel	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100		0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified		0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810030000	Structure Fires /Unspecified		0.3663	0.0000	
24003	Anne Arundel	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified		0.1700	4.1400	
24005	Baltimore	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0201	7.3881	0.9672	51.0448
24005	Baltimore	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	2.3537	58.8400	6.2648	127.1000
24005	Baltimore	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0357	2.4500	0.1969	7.0900

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24005	Baltimore	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	2.1900	420.9100	0.4900	2.6900
24005	Baltimore	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0241	6.3700	0.0000	0.0275
24005	Baltimore	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0812	2.0300	0.2120	4.2300
24005	Baltimore	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: All	0.1504	0.6844	0.2888	4.6628
24005	Baltimore	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	8.2989	149.3800	17.6786	358.5100
24005	Baltimore	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	141.9800	667.3000	2.2700	4.2600
24005	Baltimore	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1368	36.1300	0.0300	0.1560
24005	Baltimore	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	11.9560	17.2698	156.7569	2.6569
24005	Baltimore	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	14.8721	24.4952	267.6971	3.4993
24005	Baltimore	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	2.5252	6.3972	54.9931	1.1223
24005	Baltimore	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.8417	1.8705	19.0792	0.3741
24005	Baltimore	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	9.1545	15.0780	164.7806	2.1540
24005	Baltimore	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	1.5541	3.9371	33.8457	0.6907
24005	Baltimore	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.5175	1.1499	11.7293	0.2300
24005	Baltimore	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.1101	1.3943	1.1228	0.1174
24005	Baltimore	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	3.1190	3.1906	47.8250	3.5176
24005	Baltimore	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.7829	0.8009	12.0044	0.8829
24005	Baltimore	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types		5.4227	20.0421	
24005	Baltimore	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.5572	10.0300	1.1844	23.2100
24005	Baltimore	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives			161.5795	
24005	Baltimore	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives			0.2542	
24005	Baltimore	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch			22.8190	
24005	Baltimore	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha			147.4591	
24005	Baltimore	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying			0.0000	
24005	Baltimore	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying			29.7017	
24005	Baltimore	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry			2.5318	
24005	Baltimore	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total			0.0000	
24005	Baltimore	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries			0.0000	
24005	Baltimore	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total			1.9751	
24005	Baltimore	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total			215.6985	
24005	Baltimore	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total			18.0191	
24005	Baltimore	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent			0.0000	
24005	Baltimore	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T			0.0000	
24005	Baltimore	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types			0.0000	
24005	Baltimore	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types			0.0000	
24005	Baltimore	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types			0.0000	
24005	Baltimore	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types			0.0000	
24005	Baltimore	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types			0.0000	
24005	Baltimore	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types			0.0000	
24005	Baltimore	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types			0.0000	

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24005	Baltimore	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type		0.0000		
24005	Baltimore	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol		0.0000		
24005	Baltimore	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent		0.0000		
24005	Baltimore	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All		0.0000		
24005	Baltimore	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: All		0.0000		
24005	Baltimore	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve		0.0000		
24005	Baltimore	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol		0.0000		
24005	Baltimore	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot		0.0000		
24005	Baltimore	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:		0.0000		
24005	Baltimore	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ		0.0000		
24005	Baltimore	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types		0.0000		
24005	Baltimore	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota		0.0000		
24005	Baltimore	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation		0.0000		
24005	Baltimore	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)		0.0000		
24005	Baltimore	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport		0.0000		
24005	Baltimore	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation		0.0000		
24005	Baltimore	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)		0.0000		
24005	Baltimore	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport		0.0000		
24005	Baltimore	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling		0.0000		
24005	Baltimore	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling		0.0000		
24005	Baltimore	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying		0.0000		
24005	Baltimore	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot		0.0000		
24005	Baltimore	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot		0.0000		
24005	Baltimore	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil		0.0000		
24005	Baltimore	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil		0.0000		
24005	Baltimore	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil		0.0000		



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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24005	Baltimore	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline		0.0000		
24005	Baltimore	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha		0.0000		
24005	Baltimore	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene		0.0000		
24005	Baltimore	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline		0.0000		
24005	Baltimore	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total		36.2400	5.8100	
24005	Baltimore	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified		1.4500	0.1800	
24005	Baltimore	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified		6.9700	2.3100	
24005	Baltimore	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L		0.0000	0.0000	
24005	Baltimore	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast		5.1200	0.8500	
24005	Baltimore	Baltimore, MD	2620030000	Landfills /Municipal /Total			0.0000	
24005	Baltimore	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	0.0193		0.0000	
24005	Baltimore	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total			0.0000	
24005	Baltimore	Baltimore, MD	2801000003	Agric - Crops /Tilling			36.5602	
24005	Baltimore	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000		0.0000	
24005	Baltimore	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000		0.0000	
24005	Baltimore	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	5.9348		0.0000	
24005	Baltimore	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	11.0331		0.0000	
24005	Baltimore	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0406		0.0000	
24005	Baltimore	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.9063		0.0000	
24005	Baltimore	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000		0.0000	
24005	Baltimore	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	18.8220		0.0000	
24005	Baltimore	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000		0.0000	
24005	Baltimore	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000		0.0000	
24005	Baltimore	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	4.3733		0.0000	
24005	Baltimore	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0399		0.0000	
24005	Baltimore	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	1.4157		0.0000	
24005	Baltimore	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	8.2110		0.0000	
24005	Baltimore	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	3.7292		0.0000	
24005	Baltimore	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0015		0.0000	
24005	Baltimore	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	2.8299		0.0000	
24005	Baltimore	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	11.7297		0.0000	
24005	Baltimore	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	4.9458		0.0000	
24005	Baltimore	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	3.7556		0.0000	
24005	Baltimore	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0842		0.0000	
24005	Baltimore	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0557		0.0000	
24005	Baltimore	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.1494		0.0000	
24005	Baltimore	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0253		0.0000	
24005	Baltimore	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	2.1555		0.0000	
24005	Baltimore	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.3914		0.0000	
24005	Baltimore	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	1.7588		0.0000	

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FIPS	CNTY_NAME	NONATTAINMEN			NH3	NOX	PM25	SO2
		T AREA	SCC	SCC_DESCRIPTION	2007	2007	2007_TF	2007
24005	Baltimore	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	1.1293		0.0000	
24005	Baltimore	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.2036		0.0000	
24005	Baltimore	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	1.0156		0.0000	
24005	Baltimore	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	15.7366		0.0000	
24005	Baltimore	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.5819		0.0000	
24005	Baltimore	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	1.6266		0.0000	
24005	Baltimore	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.1534		0.0000	
24005	Baltimore	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	7.0087		0.0000	
24005	Baltimore	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	7.6699		0.0000	
24005	Baltimore	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	15.3398		0.0000	
24005	Baltimore	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.7366		0.0000	
24005	Baltimore	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0344		0.0000	
24005	Baltimore	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.4139		0.0000	
24005	Baltimore	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	5.1045		0.0000	
24005	Baltimore	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0796		0.0000	
24005	Baltimore	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	6.8104		0.0000	
24005	Baltimore	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000		0.0000	
24005	Baltimore	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.1174		0.0000	
24005	Baltimore	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.1904		0.0000	
24005	Baltimore	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0862		0.0000	
24005	Baltimore	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	39.6720		0.0000	
24005	Baltimore	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecifie	0.6215		0.0000	
24005	Baltimore	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecifie	1.5340		0.0000	
24005	Baltimore	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecifie	0.1034		0.0000	
24005	Baltimore	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	6.6252		0.0000	
24005	Baltimore	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	14.5464		0.0000	
24005	Baltimore	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	2.0365		0.0000	
24005	Baltimore	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	1.2616		0.0000	
24005	Baltimore	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0209		0.0000	
24005	Baltimore	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified		0.0400	0.0000	
24005	Baltimore	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100		0.0000	0.0000	
24005	Baltimore	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified		0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810030000	Structure Fires /Unspecified		0.4194	0.0000	
24005	Baltimore	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified		0.2300	5.7900	
24013	Carroll	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0067	2.4627	0.3224	17.0149
24013	Carroll	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.7954	44.8900	4.7776	96.9500
24013	Carroll	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0272	1.8700	0.1510	5.4100
24013	Carroll	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.2300	44.9000	0.0500	0.2900
24013	Carroll	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0177	4.6700	0.0000	0.0202
24013	Carroll	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Comb	0.0620	1.5500	0.1607	3.2300

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24013	Carroll	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: AI	0.2699	1.2279	0.5182	8.3660
24013	Carroll	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	6.3305	113.9500	13.4797	273.4800
24013	Carroll	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	9.4300	44.3400	0.1500	0.2800
24013	Carroll	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1003	26.4800	0.0200	0.1143
24013	Carroll	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	2.3976	3.4632	31.4351	0.5328
24013	Carroll	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	2.9828	4.9129	53.6906	0.7018
24013	Carroll	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.5063	1.2826	11.0259	0.2250
24013	Carroll	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.1689	0.3754	3.8292	0.0751
24013	Carroll	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	1.8342	3.0211	33.0158	0.4316
24013	Carroll	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.3116	0.7893	6.7856	0.1385
24013	Carroll	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.1041	0.2312	2.3585	0.0462
24013	Carroll	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0208	0.2632	0.2120	0.0222
24013	Carroll	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.8676	0.8876	13.3037	0.9785
24013	Carroll	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.1549	0.1585	2.3757	0.1747
24013	Carroll	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types		1.0300	3.8067	
24013	Carroll	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.4251	7.6500	0.9026	17.7100
24013	Carroll	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives			67.5045	
24013	Carroll	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives			4.2961	
24013	Carroll	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch			4.9510	
24013	Carroll	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha			34.9489	
24013	Carroll	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying			0.0000	
24013	Carroll	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying			8.5153	
24013	Carroll	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry			0.1810	
24013	Carroll	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total			0.0000	
24013	Carroll	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries			0.0000	
24013	Carroll	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total			0.7560	
24013	Carroll	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total			35.3665	
24013	Carroll	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total			6.8544	
24013	Carroll	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent			0.0000	
24013	Carroll	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T			0.0000	
24013	Carroll	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types			0.0000	

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24013	Carroll	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type			0.0000	
24013	Carroll	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol			0.0000	
24013	Carroll	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent			0.0000	
24013	Carroll	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All			0.0000	
24013	Carroll	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: All			0.0000	
24013	Carroll	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve			0.0000	
24013	Carroll	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol			0.0000	
24013	Carroll	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot			0.0000	
24013	Carroll	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:			0.0000	
24013	Carroll	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ			0.0000	
24013	Carroll	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types			0.0000	
24013	Carroll	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota			0.0000	
24013	Carroll	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation			0.0000	
24013	Carroll	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24013	Carroll	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport			0.0000	
24013	Carroll	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation			0.0000	
24013	Carroll	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24013	Carroll	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport			0.0000	
24013	Carroll	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling			0.0000	
24013	Carroll	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling			0.0000	
24013	Carroll	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying			0.0000	
24013	Carroll	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot			0.0000	
24013	Carroll	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot			0.0000	
24013	Carroll	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil			0.0000	
24013	Carroll	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil			0.0000	
24013	Carroll	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil			0.0000	
24013	Carroll	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline			0.0000	
24013	Carroll	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha			0.0000	
24013	Carroll	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene			0.0000	

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		T AREA	SCC	SCC_DESCRIPTION				
24013	Carroll	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline			0.0000	
24013	Carroll	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total		0.5200	0.0000	0.1500
24013	Carroll	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified		0.0900	0.3200	0.0100
24013	Carroll	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified		0.0800	0.2400	0.0300
24013	Carroll	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L		27.2600	92.6700	0.0000
24013	Carroll	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast		0.6200	3.6100	0.1000
24013	Carroll	Baltimore, MD	2620030000	Landfills /Municipal /Total			0.0000	
24013	Carroll	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	3.4900		0.0000	
24013	Carroll	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total			0.0000	
24013	Carroll	Baltimore, MD	2801000003	Agric - Crops /Tilling			93.7391	
24013	Carroll	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000		0.0000	
24013	Carroll	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000		0.0000	
24013	Carroll	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	591.5867		0.0000	
24013	Carroll	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	43.2733		0.0000	
24013	Carroll	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0330		0.0000	
24013	Carroll	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	30.2340		0.0000	
24013	Carroll	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000		0.0000	
24013	Carroll	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	37.2807		0.0000	
24013	Carroll	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000		0.0000	
24013	Carroll	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000		0.0000	
24013	Carroll	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	8.6831		0.0000	
24013	Carroll	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	1.0073		0.0000	
24013	Carroll	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000		0.0000	
24013	Carroll	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	1.7519		0.0000	
24013	Carroll	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	5.7260		0.0000	
24013	Carroll	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0023		0.0000	
24013	Carroll	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	4.3507		0.0000	
24013	Carroll	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	24.8611		0.0000	
24013	Carroll	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	17.8524		0.0000	
24013	Carroll	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	312.0864		0.0000	
24013	Carroll	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	14.0174		0.0000	
24013	Carroll	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	4.6284		0.0000	
24013	Carroll	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	15.8688		0.0000	
24013	Carroll	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	2.7770		0.0000	
24013	Carroll	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0173		0.0000	
24013	Carroll	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0032		0.0000	
24013	Carroll	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0141		0.0000	
24013	Carroll	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0100		0.0000	
24013	Carroll	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0018		0.0000	
24013	Carroll	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0090		0.0000	

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FIPS	CNTY_NAME	NONATTAINMEN			NH3	NOX	PM25	SO2
		T AREA	SCC	SCC_DESCRIPTION	2007	2007	2007_TF	2007
24013	Carroll	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	69.4260		0.0000	
24013	Carroll	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	2.9357		0.0000	
24013	Carroll	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	8.1989		0.0000	
24013	Carroll	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.7762		0.0000	
24013	Carroll	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	34.7791		0.0000	
24013	Carroll	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	38.2174		0.0000	
24013	Carroll	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	76.4347		0.0000	
24013	Carroll	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	3.7159		0.0000	
24013	Carroll	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.1732		0.0000	
24013	Carroll	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	2.0894		0.0000	
24013	Carroll	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	25.3901		0.0000	
24013	Carroll	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.3967		0.0000	
24013	Carroll	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	33.9857		0.0000	
24013	Carroll	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000		0.0000	
24013	Carroll	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.1389		0.0000	
24013	Carroll	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.2050		0.0000	
24013	Carroll	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0629		0.0000	
24013	Carroll	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	39.0108		0.0000	
24013	Carroll	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	1.2272		0.0000	
24013	Carroll	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	3.0680		0.0000	
24013	Carroll	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.2050		0.0000	
24013	Carroll	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	11.8487		0.0000	
24013	Carroll	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	12.1661		0.0000	
24013	Carroll	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	4.0333		0.0000	
24013	Carroll	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	2.3010		0.0000	
24013	Carroll	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0360		0.0000	
24013	Carroll	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified		0.1100	0.0000	
24013	Carroll	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100		0.0000	0.0000	
24013	Carroll	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified		0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810030000	Structure Fires /Unspecified		0.1441	0.0000	
24013	Carroll	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified		0.0300	0.6600	
24025	Harford	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0067	2.4627	0.3224	17.0149
24025	Harford	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.5320	38.3000	4.0795	82.7300
24025	Harford	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0232	1.6000	0.1235	4.6100
24025	Harford	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.4400	84.0600	0.1000	0.5400
24025	Harford	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0275	7.2600	0.0100	0.0314
24025	Harford	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0529	1.3200	0.1359	2.7500
24025	Harford	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.3862	1.7574	0.7416	11.9736
24025	Harford	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	5.4017	97.2300	11.5022	233.3500
24025	Harford	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	25.7900	121.1900	0.4100	0.7700

FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24025	Harford	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1560	41.1900	0.0300	0.1779
24025	Harford	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	3.4763	5.0213	45.5777	0.7725
24025	Harford	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	4.3247	7.1230	77.8446	1.0176
24025	Harford	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.7345	1.8608	15.9961	0.3265
24025	Harford	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.2447	0.5437	5.5459	0.1087
24025	Harford	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	2.6606	4.3822	47.8909	0.6260
24025	Harford	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.4524	1.1460	9.8513	0.2010
24025	Harford	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.1504	0.3342	3.4092	0.0668
24025	Harford	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0325	0.4120	0.3318	0.0347
24025	Harford	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.9037	0.9244	13.8561	1.0191
24025	Harford	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.2322	0.2376	3.5611	0.2619
24025	Harford	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types		1.5642	5.7812	
24025	Harford	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.3627	6.5300	0.7715	15.1100
24025	Harford	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives			94.0912	
24025	Harford	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives			3.3771	
24025	Harford	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch			6.0705	
24025	Harford	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha			37.7059	
24025	Harford	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Frying			0.0000	
24025	Harford	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying			7.3399	
24025	Harford	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry			0.7212	
24025	Harford	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total			0.0000	
24025	Harford	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries			0.0000	
24025	Harford	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total			2.2284	
24025	Harford	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total			27.7707	
24025	Harford	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total			19.9068	
24025	Harford	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent			0.0000	
24025	Harford	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T			0.0000	
24025	Harford	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types			0.0000	

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NONATTAINMEN					NH3	NOX	PM25	SO2
FIPS	CNTY_NAME	T AREA	SCC	SCC_DESCRIPTION	2007	2007	2007_TF	2007
24025	Harford	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type			0.0000	
24025	Harford	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol			0.0000	
24025	Harford	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent			0.0000	
24025	Harford	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All			0.0000	
24025	Harford	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: All			0.0000	
24025	Harford	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve			0.0000	
24025	Harford	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol			0.0000	
24025	Harford	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot			0.0000	
24025	Harford	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:			0.0000	
24025	Harford	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ			0.0000	
24025	Harford	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types			0.0000	
24025	Harford	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota			0.0000	
24025	Harford	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation			0.0000	
24025	Harford	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24025	Harford	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport			0.0000	
24025	Harford	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation			0.0000	
24025	Harford	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24025	Harford	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport			0.0000	
24025	Harford	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling			0.0000	
24025	Harford	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling			0.0000	
24025	Harford	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying			0.0000	
24025	Harford	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot			0.0000	
24025	Harford	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot			0.0000	
24025	Harford	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil			0.0000	
24025	Harford	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil			0.0000	
24025	Harford	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil			0.0000	
24025	Harford	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline			0.0000	
24025	Harford	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha			0.0000	
24025	Harford	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene			0.0000	
24025	Harford	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline			0.0000	
24025	Harford	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total		0.9500	0.0000	0.8900
24025	Harford	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified		1.9700	7.0100	0.2400



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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24025	Harford	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified		0.2800	0.8500	0.0900
24025	Harford	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L		39.7500	135.1600	0.0000
24025	Harford	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast		0.0100	0.0500	0.0000
24025	Harford	Baltimore, MD	2620030000	Landfills /Municipal /Total			0.0000	
24025	Harford	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	5.7400		0.0000	
24025	Harford	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total			0.0000	
24025	Harford	Baltimore, MD	2801000003	Agric - Crops /Tilling			48.7222	
24025	Harford	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	132.7811		0.0000	
24025	Harford	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	2.3115		0.0000	
24025	Harford	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	1.3039		0.0000	
24025	Harford	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	15.7507		0.0000	
24025	Harford	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0132		0.0000	
24025	Harford	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000		0.0000	
24025	Harford	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	4.5637		0.0000	
24025	Harford	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	8.0005		0.0000	
24025	Harford	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0032		0.0000	
24025	Harford	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	6.0830		0.0000	
24025	Harford	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	23.9354		0.0000	
24025	Harford	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	10.4999		0.0000	
24025	Harford	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.7115		0.0000	
24025	Harford	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0160		0.0000	
24025	Harford	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0106		0.0000	
24025	Harford	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0286		0.0000	
24025	Harford	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0048		0.0000	
24025	Harford	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0036		0.0000	
24025	Harford	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0007		0.0000	
24025	Harford	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0030		0.0000	
24025	Harford	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0405		0.0000	
24025	Harford	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0073		0.0000	
24025	Harford	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0364		0.0000	
24025	Harford	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	29.8862		0.0000	
24025	Harford	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	1.1637		0.0000	
24025	Harford	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	3.2531		0.0000	

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FIPS	CNTY_NAME	NONATTAINMEN			NH3	NOX	PM25	SO2
		T AREA	SCC	SCC_DESCRIPTION	2007	2007	2007_TF	2007
24025	Harford	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.3081		0.0000	
24025	Harford	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	13.7530		0.0000	
24025	Harford	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	15.0754		0.0000	
24025	Harford	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	30.1507		0.0000	
24025	Harford	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	1.4679		0.0000	
24025	Harford	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0688		0.0000	
24025	Harford	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.8278		0.0000	
24025	Harford	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	10.0767		0.0000	
24025	Harford	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.1574		0.0000	
24025	Harford	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	13.4885		0.0000	
24025	Harford	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000		0.0000	
24025	Harford	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0116		0.0000	
24025	Harford	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0030		0.0000	
24025	Harford	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0132		0.0000	
24025	Harford	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	38.3496		0.0000	
24025	Harford	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	3.3986		0.0000	
24025	Harford	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	8.3840		0.0000	
24025	Harford	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.5647		0.0000	
24025	Harford	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	13.4885		0.0000	
24025	Harford	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	3.3192		0.0000	
24025	Harford	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	11.1743		0.0000	
24025	Harford	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	6.9162		0.0000	
24025	Harford	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.1164		0.0000	
24025	Harford	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified		0.1056	0.0000	
24025	Harford	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100		0.0000	0.0000	
24025	Harford	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified		0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2810030000	Structure Fires /Unspecified		0.2045	0.0000	
24025	Harford	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified		0.0600	1.3900	
24027	Howard	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0067	2.4627	0.3224	17.0149
24027	Howard	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	0.5832	14.5800	1.5577	31.4900
24027	Howard	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0088	0.6100	0.0466	1.7600
24027	Howard	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.6800	130.0800	0.1500	0.8300
24027	Howard	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0103	2.7100	0.0000	0.0117
24027	Howard	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Comb	0.0201	0.5000	0.0527	1.0500
24027	Howard	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	2.0563	37.0100	4.3831	88.8300
24027	Howard	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	35.9000	168.7200	0.5700	1.0800
24027	Howard	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.0582	15.3700	0.0100	0.0664
24027	Howard	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	3.7803	5.4604	49.5636	0.8401
24027	Howard	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	4.7021	7.7446	84.6375	1.1064

FIPS	CNTY_NAME	NONATTAINMEN			NH3	NOX	PM25	SO2
		T AREA	SCC	SCC_DESCRIPTION	2007	2007	2007_TF	2007
24027	Howard	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.7985	2.0230	17.3903	0.3549
24027	Howard	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.2660	0.5911	6.0297	0.1182
24027	Howard	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	2.8938	4.7663	52.0884	0.6809
24027	Howard	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.4912	1.2445	10.6982	0.2183
24027	Howard	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.1636	0.3635	3.7072	0.0727
24027	Howard	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0357	0.4521	0.3640	0.0381
24027	Howard	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.7013	0.7174	10.7526	0.7909
24027	Howard	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.2531	0.2589	3.8811	0.2855
24027	Howard	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types		1.7306	6.3963	
24027	Howard	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.1381	2.4900	0.2895	5.7500
24027	Howard	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives			53.2856	
24027	Howard	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives			0.0797	
24027	Howard	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch			6.7212	
24027	Howard	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha			41.8156	
24027	Howard	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying			0.0000	
24027	Howard	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying			8.4468	
24027	Howard	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry			0.7644	
24027	Howard	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total			0.0000	
24027	Howard	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries			0.0000	
24027	Howard	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total			1.6705	
24027	Howard	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total			34.0066	
24027	Howard	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total			15.1271	
24027	Howard	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent			0.0000	
24027	Howard	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T			0.0000	
24027	Howard	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types			0.0000	

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NONATTAINMEN					NH3	NOX	PM25	SO2
FIPS	CNTY_NAME	T AREA	SCC	SCC_DESCRIPTION	2007	2007	2007_TF	2007
24027	Howard	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type			0.0000	
24027	Howard	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol			0.0000	
24027	Howard	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent			0.0000	
24027	Howard	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All			0.0000	
24027	Howard	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al			0.0000	
24027	Howard	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve			0.0000	
24027	Howard	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol			0.0000	
24027	Howard	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot			0.0000	
24027	Howard	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:			0.0000	
24027	Howard	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ			0.0000	
24027	Howard	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types			0.0000	
24027	Howard	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota			0.0000	
24027	Howard	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation			0.0000	
24027	Howard	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24027	Howard	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport			0.0000	
24027	Howard	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation			0.0000	
24027	Howard	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24027	Howard	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport			0.0000	
24027	Howard	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling			0.0000	
24027	Howard	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling			0.0000	
24027	Howard	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying			0.0000	
24027	Howard	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot			0.0000	
24027	Howard	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot			0.0000	
24027	Howard	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil			0.0000	
24027	Howard	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil			0.0000	
24027	Howard	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil			0.0000	
24027	Howard	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline			0.0000	
24027	Howard	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha			0.0000	
24027	Howard	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene			0.0000	
24027	Howard	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline			0.0000	
24027	Howard	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total		0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified		0.6600	2.3500	0.0800
24027	Howard	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified		2.6000	7.9200	0.8600
24027	Howard	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L		0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast		2.3900	13.8700	0.4000

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24027	Howard	Baltimore, MD	2620030000	Landfills /Municipal /Total			0.0000	
24027	Howard	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	6.9100		0.0000	
24027	Howard	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total			0.0000	
24027	Howard	Baltimore, MD	2801000003	Agric - Crops /Tilling			7.5104	
24027	Howard	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	0.4818		0.0000	
24027	Howard	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	1.8561		0.0000	
24027	Howard	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	14.3101		0.0000	
24027	Howard	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.5940		0.0000	
24027	Howard	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000		0.0000	
24027	Howard	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	0.1206		0.0000	
24027	Howard	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	1.1624		0.0000	
24027	Howard	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0005		0.0000	
24027	Howard	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.8834		0.0000	
24027	Howard	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	5.4351		0.0000	
24027	Howard	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	4.8532		0.0000	
24027	Howard	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.3399		0.0000	
24027	Howard	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0076		0.0000	
24027	Howard	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0050		0.0000	
24027	Howard	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0135		0.0000	
24027	Howard	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0023		0.0000	
24027	Howard	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0041		0.0000	
24027	Howard	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0007		0.0000	
24027	Howard	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0033		0.0000	
24027	Howard	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	6.7971		0.0000	
24027	Howard	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	1.2232		0.0000	
24027	Howard	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	6.1095		0.0000	
24027	Howard	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	5.4351		0.0000	
24027	Howard	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.2645		0.0000	
24027	Howard	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.7392		0.0000	
24027	Howard	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0700		0.0000	
24027	Howard	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	3.1209		0.0000	
24027	Howard	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	3.4118		0.0000	

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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24027	Howard	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	6.8368		0.0000	
24027	Howard	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.3200		0.0000	
24027	Howard	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0149		0.0000	
24027	Howard	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.1798		0.0000	
24027	Howard	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	2.2878		0.0000	
24027	Howard	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0356		0.0000	
24027	Howard	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	3.0415		0.0000	
24027	Howard	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000		0.0000	
24027	Howard	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0270		0.0000	
24027	Howard	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.6625		0.0000	
24027	Howard	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0030		0.0000	
24027	Howard	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	19.3070		0.0000	
24027	Howard	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0721		0.0000	
24027	Howard	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.1785		0.0000	
24027	Howard	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0120		0.0000	
24027	Howard	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	4.6548		0.0000	
24027	Howard	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	2.8961		0.0000	
24027	Howard	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.2314		0.0000	
24027	Howard	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.1428		0.0000	
24027	Howard	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0023		0.0000	
24027	Howard	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified		0.0352	0.0000	
24027	Howard	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100		0.0000	0.0000	
24027	Howard	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified		0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2810030000	Structure Fires /Unspecified		0.2922	0.0000	
24027	Howard	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified		0.0600	1.4100	
24510	Baltimore City	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0067	2.4627	0.3224	17.0149
24510	Baltimore City	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.6352	40.8800	4.3572	88.3000
24510	Baltimore City	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0248	1.7000	0.1365	4.9200
24510	Baltimore City	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	2.1500	412.9700	0.4800	2.6400
24510	Baltimore City	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0084	2.2300	0.0000	0.0096
24510	Baltimore City	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Comb	0.0564	1.4100	0.1517	2.9400
24510	Baltimore City	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0396	0.1803	0.0761	1.2282
24510	Baltimore City	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	5.7656	103.7800	12.2852	249.0700
24510	Baltimore City	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	144.2200	677.8500	2.3100	4.3300
24510	Baltimore City	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.0479	12.6400	0.0100	0.0546
24510	Baltimore City	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	9.7122	14.0287	127.3373	2.1583
24510	Baltimore City	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	12.0803	19.8969	217.4450	2.8424
24510	Baltimore City	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	2.0512	5.1963	44.6699	0.9116
24510	Baltimore City	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.6837	1.5194	15.4977	0.3039
24510	Baltimore City	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	7.4355	12.2468	133.8399	1.7495

FIPS	CNTY_NAME	NONATTAINMEN			SCC_DESCRIPTION	NH3	NOX	PM25	SO2
		T AREA	SCC			2007	2007	2007_TF	2007
24510	Baltimore City	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	1.2622	3.1976	27.4877	0.5610	
24510	Baltimore City	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.4203	0.9340	9.5273	0.1868	
24510	Baltimore City	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0884	1.1196	0.9016	0.0943	
24510	Baltimore City	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.1629	0.1666	2.4971	0.1837	
24510	Baltimore City	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.6831	0.6988	10.4741	0.7704	
24510	Baltimore City	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types		4.0757	15.0638		
24510	Baltimore City	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.3871	6.9700	0.8233	16.1300	
24510	Baltimore City	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives			72.9796		
24510	Baltimore City	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives			0.3966		
24510	Baltimore City	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch			15.1252		
24510	Baltimore City	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha			87.9060		
24510	Baltimore City	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying			0.0000		
24510	Baltimore City	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying			17.2939		
24510	Baltimore City	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry			1.7983		
24510	Baltimore City	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total			0.0000		
24510	Baltimore City	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries			0.0000		
24510	Baltimore City	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total			0.5215		
24510	Baltimore City	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total			92.5096		
24510	Baltimore City	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total			7.9784		
24510	Baltimore City	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent			0.0000		
24510	Baltimore City	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T			0.0000		
24510	Baltimore City	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types			0.0000		
24510	Baltimore City	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types			0.0000		

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NONATTAINMEN					NH3	NOX	PM25	SO2
FIPS	CNTY_NAME	T AREA	SCC	SCC_DESCRIPTION	2007	2007	2007_TF	2007
24510	Baltimore City	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types			0.0000	
24510	Baltimore City	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type			0.0000	
24510	Baltimore City	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol			0.0000	
24510	Baltimore City	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent			0.0000	
24510	Baltimore City	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All			0.0000	
24510	Baltimore City	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: AI			0.0000	
24510	Baltimore City	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve			0.0000	
24510	Baltimore City	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol			0.0000	
24510	Baltimore City	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot			0.0000	
24510	Baltimore City	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:			0.0000	
24510	Baltimore City	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types			0.0000	
24510	Baltimore City	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ			0.0000	
24510	Baltimore City	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types			0.0000	
24510	Baltimore City	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota			0.0000	
24510	Baltimore City	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation			0.0000	
24510	Baltimore City	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24510	Baltimore City	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport			0.0000	
24510	Baltimore City	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation			0.0000	
24510	Baltimore City	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)			0.0000	
24510	Baltimore City	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport			0.0000	
24510	Baltimore City	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling			0.0000	
24510	Baltimore City	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling			0.0000	
24510	Baltimore City	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying			0.0000	
24510	Baltimore City	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot			0.0000	
24510	Baltimore City	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot			0.0000	
24510	Baltimore City	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil			0.0000	
24510	Baltimore City	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil			0.0000	
24510	Baltimore City	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil			0.0000	
24510	Baltimore City	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline			0.0000	
24510	Baltimore City	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha			0.0000	
24510	Baltimore City	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene			0.0000	
24510	Baltimore City	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline			0.0000	
24510	Baltimore City	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total		1.0100	0.0000	19.6000
24510	Baltimore City	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified		0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified		0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L		0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast		0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2620030000	Landfills /Municipal /Total			0.0000	
24510	Baltimore City	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total			0.0000	



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FIPS	CNTY_NAME	NONATTAINMEN			NH3 2007	NOX 2007	PM25 2007_TF	SO2 2007
		T AREA	SCC	SCC_DESCRIPTION				
24510	Baltimore City	Baltimore, MD	2801000003	Agric - Crops /Tilling			0.0000	
24510	Baltimore City	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	0.0100		0.0000	
24510	Baltimore City	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	1.6447		0.0000	
24510	Baltimore City	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0165		0.0000	
24510	Baltimore City	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	8.0270		0.0000	
24510	Baltimore City	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	0.0695		0.0000	
24510	Baltimore City	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and stora	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.0000		0.0000	
24510	Baltimore City	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0000		0.0000	

FIPS	CNTY_NAME	NONATTAINMEN			SCC_DESCRIPTION	NH3	NOX	PM25	SO2
		T AREA	SCC			2007	2007	2007_TF	2007
24510	Baltimore City	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0000		0.0000		
24510	Baltimore City	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified		0.0000	0.0000		
24510	Baltimore City	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100		0.0000	0.0000		
24510	Baltimore City	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified		0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2810030000	Structure Fires /Unspecified		1.7332	0.0000		
24510	Baltimore City	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified		0.3600	8.9300		

Appendix A-3  
2007 On-Road Mobile Source Emissions

**Table: V - 2007 PM2.5 Re-designation Annual Emissions Summary  
(Based on the SHA-PPSuite-MOVES Process)**

<b>County</b>	<b>VMT</b>	<b>NOx</b>	<b>Total PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Anne Arundel	5,786	11,318.94	406.08	89.95	243.14
Baltimore	8,261	16,194.40	593.34	125.05	341.88
Carroll	1,296	2,681.91	92.43	20.35	51.86
Harford	2,362	4,765.34	163.92	35.49	96.93
Howard	3,815	7,147.00	253.12	56.53	162.47
Baltimore City	3,626	7,032.53	280.40	57.97	150.09
<b>Baltimore N/A Area</b>	<b>25,145.70</b>	<b>49,140.10</b>	<b>1,789.30</b>	<b>385.30</b>	<b>1,046.40</b>

Notes:

1. Emission Estimates are in short tons per year.
2. VMT estimates are in million miles per year.
3. Washington area estimates are being developed by MWCOG.
4. Totals may not add due to rounding errors.

Appendix A-4  
2007 Off-Road Mobile Source Emissions

## APP\_A-4\_MAR

State	FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	NH3 2007	NOX 2007	PM25 2007	SO2 2007
MD	24003	Anne Arundel	Baltimore, MD	2265008005	Airport Ground Support Equipment, 4-Stroke Gasoline		32.849	0.934	1.737
MD	24003	Anne Arundel	Baltimore, MD	2267008005	Airport Ground Support Equipment, LPG		9.071	0.258	0.480
MD	24003	Anne Arundel	Baltimore, MD	2268008005	Airport Ground Support Equipment, CNG		2.552	0.073	0.135
MD	24003	Anne Arundel	Baltimore, MD	2270008005	Airport Ground Support Equipment, Diesel		156.183	4.443	8.260
MD	24003	Anne Arundel	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total		5.303		0.628
MD	24003	Anne Arundel	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types		944.709		111.430
MD	24003	Anne Arundel	Baltimore, MD	2275050000	Aircraft /General Aviation /Total		84.837		11.232
MD	24003	Anne Arundel	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total		15.793		1.862
MD	24003	Anne Arundel	Baltimore, MD	2275070000	Aircraft /Aircraft Auxiliary Power Units /Total		39.009	6.566	6.221
MD	24003	Anne Arundel	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	0.153	430.870	14.872	25.466
MD	24003	Anne Arundel	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.696	977.560	33.742	57.778
MD	24003	Anne Arundel	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.087	262.315	14.249	124.264
MD	24003	Anne Arundel	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations		65.520	2.290	0.910
MD	24003	Anne Arundel	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations		0.000	0.000	0.000
MD	24003	Anne Arundel	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)		0.000	0.000	0.000
MD	24003	Anne Arundel	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines		53.770	1.880	0.740
MD	24003	Anne Arundel	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives		24.630	0.620	0.240
MD	24005	Baltimore	Baltimore, MD	2265008005	Airport Ground Support Equipment, 4-Stroke Gasoline		5.516	0.122	0.210
MD	24005	Baltimore	Baltimore, MD	2267008005	Airport Ground Support Equipment, LPG		1.523	0.034	0.058
MD	24005	Baltimore	Baltimore, MD	2268008005	Airport Ground Support Equipment, CNG		0.429	0.009	0.016
MD	24005	Baltimore	Baltimore, MD	2270008005	Airport Ground Support Equipment, Diesel		26.228	0.580	0.997
MD	24005	Baltimore	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total		1.970		0.783
MD	24005	Baltimore	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types		1.126		0.447
MD	24005	Baltimore	Baltimore, MD	2275050000	Aircraft /General Aviation /Total		17.640		7.868
MD	24005	Baltimore	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total		8.162		3.242
MD	24005	Baltimore	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	0.750	2108.724	72.786	124.634
MD	24005	Baltimore	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.240	336.836	11.626	19.908
MD	24005	Baltimore	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.008	26.088	1.314	11.280
MD	24005	Baltimore	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations		353.410	12.340	4.900
MD	24005	Baltimore	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations		2.270	0.080	0.030
MD	24005	Baltimore	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)		0.000	0.000	0.000
MD	24005	Baltimore	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines		50.610	1.770	0.700
MD	24005	Baltimore	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives		102.580	2.600	1.000
MD	24013	Carroll	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total		0.206		0.032
MD	24013	Carroll	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types		0.000		0.000
MD	24013	Carroll	Baltimore, MD	2275050000	Aircraft /General Aviation /Total		3.249		4.998
MD	24013	Carroll	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total		0.020		0.002
MD	24013	Carroll	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations		148.830	5.200	2.060
MD	24013	Carroll	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations		29.220	1.020	0.400
MD	24013	Carroll	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)		0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines		0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives		0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total		54.289		6.841
MD	24025	Harford	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types		0.000		0.000
MD	24025	Harford	Baltimore, MD	2275050000	Aircraft /General Aviation /Total		0.509		0.784
MD	24025	Harford	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total		0.000		0.000
MD	24025	Harford	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.031	43.678	1.508	2.582
MD	24025	Harford	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.008	26.088	1.314	11.280

## APP\_A-4\_MAR

State	FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	NH3 2007	NOX 2007	PM25 2007	SO2 2007
MD	24025	Harford	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations		137.170	4.790	1.900
MD	24025	Harford	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations		0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)		0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines		63.260	2.210	0.880
MD	24025	Harford	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives		0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total		0.000		0.000
MD	24027	Howard	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types		0.000		0.000
MD	24027	Howard	Baltimore, MD	2275050000	Aircraft /General Aviation /Total		0.017		0.027
MD	24027	Howard	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total		0.000		0.000
MD	24027	Howard	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations		275.070	9.610	3.810
MD	24027	Howard	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations		0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)		0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines		31.630	1.100	0.440
MD	24027	Howard	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives		0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total		0.000		0.000
MD	24510	Baltimore City	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types		0.000		0.000
MD	24510	Baltimore City	Baltimore, MD	2275050000	Aircraft /General Aviation /Total		0.000		0.000
MD	24510	Baltimore City	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total		0.000		0.000
MD	24510	Baltimore City	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	2.317	6511.190	224.745	384.837
MD	24510	Baltimore City	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	1.103	1549.443	53.482	91.578
MD	24510	Baltimore City	Baltimore, MD	2280003100	Marine Vessels, Commercial /Residual /Port emissions	0.800	1252.730	70.712	757.777
MD	24510	Baltimore City	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations		203.490	7.110	2.820
MD	24510	Baltimore City	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations		0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)		0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines		0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives		224.700	5.690	2.190

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24003	Anne Arundel	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.012	0.708	4.881	0.018
24003	Anne Arundel	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.013	0.956	6.248	0.015
24003	Anne Arundel	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.003	1.030	0.025	0.007
24003	Anne Arundel	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.192	0.815	0.003
24003	Anne Arundel	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.010	0.029	0.000
24003	Anne Arundel	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.012	0.035	0.000
24003	Anne Arundel	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.003	0.398	2.126	0.006
24003	Anne Arundel	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.002	0.007	0.000
24003	Anne Arundel	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.003	0.008	0.000
24003	Anne Arundel	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.035	0.129	0.001
24003	Anne Arundel	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.002	0.283	0.938	0.005
24003	Anne Arundel	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.004	0.524	1.722	0.009
24003	Anne Arundel	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.026	3.731	18.424	0.057
24003	Anne Arundel	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.006	0.740	2.457	0.012
24003	Anne Arundel	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.021	3.184	9.663	0.048
24003	Anne Arundel	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.004	0.471	1.551	0.008
24003	Anne Arundel	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.020	3.171	10.965	0.045
24003	Anne Arundel	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.002	0.175	0.517	0.004
24003	Anne Arundel	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.008	0.690	2.033	0.016
24003	Anne Arundel	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.001	0.004	0.000
24003	Anne Arundel	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.001	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.072	0.206	0.001
24003	Anne Arundel	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.003	0.495	1.523	0.008
24003	Anne Arundel	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.003	0.009	0.000
24003	Anne Arundel	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.039	0.211	0.001
24003	Anne Arundel	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.004	0.790	0.074	0.010
24003	Anne Arundel	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.037	7.398	0.717	0.099
24003	Anne Arundel	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.010	3.179	0.089	0.027
24003	Anne Arundel	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.003	1.034	0.022	0.008
24003	Anne Arundel	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.001	0.367	0.007	0.002
24003	Anne Arundel	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.002	0.520	0.022	0.004
24003	Anne Arundel	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.593	0.012	0.004
24003	Anne Arundel	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.003	1.031	0.030	0.008
24003	Anne Arundel	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.409	0.013	0.003
24003	Anne Arundel	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.020	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.003	1.144	0.027	0.007
24003	Anne Arundel	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.001	0.437	0.012	0.002
24003	Anne Arundel	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.005	1.849	0.044	0.014
24003	Anne Arundel	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.003	0.946	0.027	0.007
24003	Anne Arundel	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.203	0.001	0.001
24003	Anne Arundel	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.133	0.003	0.001
24003	Anne Arundel	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.321	0.002	0.001
24003	Anne Arundel	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.001	0.712	0.005	0.002



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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24003	Anne Arundel	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.002	0.605	0.014	0.005
24003	Anne Arundel	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.001	0.880	0.008	0.003
24003	Anne Arundel	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.153	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.311	0.002	0.001
24003	Anne Arundel	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.002	1.727	0.012	0.005
24003	Anne Arundel	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.006	6.077	0.036	0.017
24003	Anne Arundel	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.001	0.891	0.012	0.004
24003	Anne Arundel	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.003	1.019	0.045	0.007
24003	Anne Arundel	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.112	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.031	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.001	0.410	0.004	0.002
24003	Anne Arundel	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.045	14.755	0.712	0.112
24003	Anne Arundel	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.054	17.252	1.012	0.132
24003	Anne Arundel	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.004	1.247	0.062	0.009
24003	Anne Arundel	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.028	9.090	0.447	0.069
24003	Anne Arundel	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.082	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.001	0.398	0.018	0.003
24003	Anne Arundel	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.000	0.156	0.008	0.001
24003	Anne Arundel	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.051	22.668	0.407	0.136
24003	Anne Arundel	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.004	1.207	0.026	0.014
24003	Anne Arundel	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.017	4.742	0.103	0.053
24003	Anne Arundel	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.009	3.017	0.068	0.023
24003	Anne Arundel	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.006	1.870	0.045	0.016
24003	Anne Arundel	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.007	2.457	0.055	0.019
24003	Anne Arundel	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.003	1.050	0.051	0.008
24003	Anne Arundel	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.118	40.858	0.924	0.316
24003	Anne Arundel	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.079	25.458	0.617	0.211
24003	Anne Arundel	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.014	7.275	0.101	0.037
24003	Anne Arundel	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.254	84.646	2.377	0.672
24003	Anne Arundel	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.004	1.459	0.052	0.011
24003	Anne Arundel	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.008	2.815	0.098	0.021
24003	Anne Arundel	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.003	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.033	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.031	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.003	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.053	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.059	0.001	0.001
24003	Anne Arundel	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.049	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.059	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.059	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.088	32.341	0.781	0.242
24003	Anne Arundel	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.022	9.144	0.284	0.058
24003	Anne Arundel	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.012	5.831	0.132	0.032
24003	Anne Arundel	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.025	10.690	0.201	0.068
24003	Anne Arundel	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.039	13.692	0.468	0.104
24003	Anne Arundel	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.002	0.637	0.019	0.005
24003	Anne Arundel	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.001	0.197	0.004	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24003	Anne Arundel	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.230	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.146	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.202	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.046	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.025	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.459	0.003	0.001
24003	Anne Arundel	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.189	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.272	0.003	0.001
24003	Anne Arundel	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.187	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.030	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.309	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.691	0.005	0.001
24003	Anne Arundel	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.065	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.667	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.287	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	2.334	0.014	0.003
24003	Anne Arundel	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	181.010	1.341	0.280
24003	Anne Arundel	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	1.089	0.010	0.002
24003	Anne Arundel	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.383	0.003	0.001
24003	Anne Arundel	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.125	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.559	0.006	0.001
24003	Anne Arundel	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	4.319	0.034	0.007
24003	Anne Arundel	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	11.974	0.071	0.016
24003	Anne Arundel	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	2.497	0.017	0.004
24003	Anne Arundel	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	2.784	0.020	0.004
24003	Anne Arundel	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	3.648	0.025	0.005
24003	Anne Arundel	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.052	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.039	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.011	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	12.959	0.095	0.018
24003	Anne Arundel	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.015	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.008	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.041	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.040	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.012	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	3.732	0.021	0.004
24003	Anne Arundel	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.177	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.225	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.102	0.060	0.010
24003	Anne Arundel	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.002	2.688	0.416	0.180
24003	Anne Arundel	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.013	14.216	1.126	1.200

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24003	Anne Arundel	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.032	0.004	0.002
24003	Anne Arundel	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.499	0.056	0.032
24003	Anne Arundel	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.033	36.210	3.176	3.003
24003	Anne Arundel	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.036	40.632	2.440	3.269
24003	Anne Arundel	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.002	2.298	0.205	0.180
24003	Anne Arundel	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	1.618	0.142	0.111
24003	Anne Arundel	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.004	4.503	0.447	0.331
24003	Anne Arundel	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.016	17.934	1.939	1.424
24003	Anne Arundel	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.013	21.228	1.418	1.225
24003	Anne Arundel	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.132	137.180	9.475	12.174
24003	Anne Arundel	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.001	1.213	0.146	0.101
24003	Anne Arundel	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.001	0.811	0.067	0.048
24003	Anne Arundel	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.030	38.278	1.954	2.780
24003	Anne Arundel	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.033	34.436	2.274	3.029
24003	Anne Arundel	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.113	132.890	6.612	10.417
24003	Anne Arundel	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.005	6.942	0.419	0.490
24003	Anne Arundel	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.042	48.710	4.918	3.895
24003	Anne Arundel	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.144	175.570	11.807	13.250
24003	Anne Arundel	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.088	114.970	16.830	8.020
24003	Anne Arundel	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.132	151.640	9.738	12.128
24003	Anne Arundel	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.060	77.564	14.624	5.492
24003	Anne Arundel	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.014	19.170	1.208	1.304
24003	Anne Arundel	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.249	0.046	0.017
24003	Anne Arundel	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.014	18.392	1.307	1.250
24003	Anne Arundel	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.002	2.714	0.448	0.176
24003	Anne Arundel	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.028	27.065	2.397	2.565
24003	Anne Arundel	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.012	13.684	0.894	1.120
24003	Anne Arundel	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.012	15.591	0.993	1.137
24003	Anne Arundel	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.761	0.088	0.044
24003	Anne Arundel	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.064	69.730	5.921	5.839
24003	Anne Arundel	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.018	17.053	1.236	1.615
24003	Anne Arundel	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.005	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	1.385	0.085	0.089
24003	Anne Arundel	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.026	31.599	3.230	2.349
24003	Anne Arundel	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.005	6.483	0.629	0.485
24003	Anne Arundel	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.035	48.368	3.740	3.201
24003	Anne Arundel	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.004	4.524	0.348	0.377
24003	Anne Arundel	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.129	0.013	0.009
24003	Anne Arundel	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.019	25.735	2.509	1.748
24003	Anne Arundel	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.002	2.670	0.277	0.157
24003	Anne Arundel	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.012	0.002	0.001
24003	Anne Arundel	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.003	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.200	0.022	0.013
24003	Anne Arundel	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.193	0.025	0.012
24003	Anne Arundel	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.000	0.542	0.058	0.034
24003	Anne Arundel	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.350	0.029	0.025

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24003	Anne Arundel	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.039	54.000	5.018	3.606
24003	Anne Arundel	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.009	12.849	1.218	0.851
24003	Anne Arundel	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.026	31.429	2.650	2.361
24003	Anne Arundel	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.013	16.022	3.147	1.195
24003	Anne Arundel	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.001	1.791	0.139	0.115
24003	Anne Arundel	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	1.348	0.116	0.102
24003	Anne Arundel	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.005	5.081	0.339	0.469
24003	Anne Arundel	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.116	33.974	9.972	0.251
24003	Anne Arundel	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.049	12.363	3.708	0.110
24003	Anne Arundel	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sternrive	0.080	66.760	0.424	0.211
24003	Anne Arundel	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sternrive	0.038	56.327	1.297	3.931
24003	Anne Arundel	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.147	0.017	0.013
24003	Anne Arundel	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	1.526	0.195	0.097
24003	Anne Arundel	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.032	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.003	0.000	0.000
24005	Baltimore	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.006	0.354	2.441	0.009
24005	Baltimore	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.007	0.478	3.124	0.008
24005	Baltimore	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.515	0.013	0.004
24005	Baltimore	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.003	0.444	1.889	0.006
24005	Baltimore	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.023	0.067	0.000
24005	Baltimore	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.028	0.080	0.000
24005	Baltimore	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.001	0.000
24005	Baltimore	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.007	0.922	4.924	0.014
24005	Baltimore	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.006	0.016	0.000
24005	Baltimore	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.005	0.014	0.000
24005	Baltimore	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.001	0.000
24005	Baltimore	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.050	0.183	0.001
24005	Baltimore	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.003	0.341	1.128	0.006
24005	Baltimore	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.006	0.746	2.449	0.013
24005	Baltimore	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.031	4.484	22.146	0.068
24005	Baltimore	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.008	1.053	3.494	0.018
24005	Baltimore	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.025	3.827	11.615	0.058
24005	Baltimore	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.005	0.670	2.206	0.011
24005	Baltimore	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.024	3.812	13.180	0.054
24005	Baltimore	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.003	0.291	0.857	0.007
24005	Baltimore	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.010	0.829	2.444	0.019
24005	Baltimore	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.002	0.005	0.000
24005	Baltimore	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.002	0.005	0.000
24005	Baltimore	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.110	0.316	0.002
24005	Baltimore	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.005	0.757	2.330	0.012
24005	Baltimore	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24005	Baltimore	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.005	0.014	0.000
24005	Baltimore	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.022	0.117	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24005	Baltimore	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.002	0.392	0.037	0.005
24005	Baltimore	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.019	3.675	0.358	0.050
24005	Baltimore	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.021	6.667	0.188	0.056
24005	Baltimore	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.514	0.011	0.004
24005	Baltimore	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.002	0.845	0.015	0.005
24005	Baltimore	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.005	0.000	0.000
24005	Baltimore	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.004	1.197	0.050	0.009
24005	Baltimore	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.003	1.364	0.027	0.009
24005	Baltimore	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.007	2.374	0.068	0.018
24005	Baltimore	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.003	0.943	0.030	0.007
24005	Baltimore	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.047	0.002	0.000
24005	Baltimore	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.006	2.632	0.062	0.016
24005	Baltimore	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.002	1.005	0.029	0.005
24005	Baltimore	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.012	4.257	0.103	0.033
24005	Baltimore	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.006	2.177	0.062	0.016
24005	Baltimore	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.467	0.003	0.001
24005	Baltimore	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.001	0.306	0.008	0.002
24005	Baltimore	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.001	0.739	0.005	0.002
24005	Baltimore	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.002	1.638	0.011	0.005
24005	Baltimore	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.004	1.393	0.031	0.011
24005	Baltimore	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.003	2.025	0.019	0.008
24005	Baltimore	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.001	0.351	0.008	0.003
24005	Baltimore	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.001	0.716	0.004	0.002
24005	Baltimore	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.003	3.140	0.022	0.009
24005	Baltimore	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.011	11.053	0.066	0.030
24005	Baltimore	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.003	1.620	0.021	0.007
24005	Baltimore	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.005	1.853	0.082	0.012
24005	Baltimore	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.204	0.002	0.001
24005	Baltimore	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC/Refrigeration	0.000	0.047	0.001	0.000
24005	Baltimore	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.001	0.745	0.007	0.003
24005	Baltimore	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.064	20.843	1.012	0.159
24005	Baltimore	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.065	20.596	1.216	0.159
24005	Baltimore	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.005	1.762	0.089	0.013
24005	Baltimore	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.033	10.852	0.537	0.083
24005	Baltimore	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.115	0.006	0.001
24005	Baltimore	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.001	0.475	0.021	0.004
24005	Baltimore	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.221	0.012	0.002
24005	Baltimore	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.061	27.062	0.489	0.164
24005	Baltimore	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.007	1.991	0.043	0.022
24005	Baltimore	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.021	5.676	0.124	0.064
24005	Baltimore	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.012	4.262	0.097	0.033
24005	Baltimore	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.007	2.233	0.055	0.019
24005	Baltimore	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.008	2.933	0.066	0.022
24005	Baltimore	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.004	1.254	0.061	0.010
24005	Baltimore	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.168	57.715	1.314	0.449
24005	Baltimore	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.095	30.393	0.741	0.254
24005	Baltimore	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.016	8.685	0.122	0.044
24005	Baltimore	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.305	101.050	2.857	0.808

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24005	Baltimore	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.006	2.061	0.073	0.016
24005	Baltimore	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.010	3.361	0.118	0.025
24005	Baltimore	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.007	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.068	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.063	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.006	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.108	0.002	0.001
24005	Baltimore	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.120	0.003	0.001
24005	Baltimore	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.100	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.120	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.120	0.001	0.000
24005	Baltimore	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.135	49.164	1.194	0.370
24005	Baltimore	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.033	13.901	0.435	0.089
24005	Baltimore	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.018	8.865	0.202	0.048
24005	Baltimore	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.038	16.250	0.307	0.104
24005	Baltimore	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.059	20.814	0.715	0.160
24005	Baltimore	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.003	0.969	0.029	0.008
24005	Baltimore	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.109	0.002	0.001
24005	Baltimore	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.090	0.003	0.001
24005	Baltimore	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.115	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.338	0.002	0.001
24005	Baltimore	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.468	0.004	0.001
24005	Baltimore	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.106	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.057	0.000	0.000
24005	Baltimore	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	1.064	0.007	0.002
24005	Baltimore	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.439	0.002	0.001
24005	Baltimore	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.630	0.007	0.001
24005	Baltimore	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.434	0.003	0.001
24005	Baltimore	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.069	0.000	0.000
24005	Baltimore	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.716	0.005	0.001
24005	Baltimore	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	1.600	0.012	0.002
24005	Baltimore	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.152	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	1.545	0.010	0.002
24005	Baltimore	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.664	0.004	0.001
24005	Baltimore	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	4.272	0.026	0.006
24005	Baltimore	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	331.270	2.454	0.513
24005	Baltimore	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	1.992	0.019	0.004
24005	Baltimore	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.701	0.006	0.001
24005	Baltimore	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.228	0.001	0.000
24005	Baltimore	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	1.023	0.012	0.002
24005	Baltimore	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	5.192	0.041	0.008
24005	Baltimore	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	18.316	0.108	0.024
24005	Baltimore	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	3.820	0.025	0.006
24005	Baltimore	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	4.259	0.031	0.007

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24005	Baltimore	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	5.581	0.038	0.008
24005	Baltimore	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.080	0.000	0.000
24005	Baltimore	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.060	0.000	0.000
24005	Baltimore	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.026	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	23.716	0.174	0.032
24005	Baltimore	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.027	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.014	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.062	0.001	0.000
24005	Baltimore	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.073	0.001	0.000
24005	Baltimore	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.025	0.000	0.000
24005	Baltimore	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	5.708	0.032	0.007
24005	Baltimore	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.271	0.002	0.000
24005	Baltimore	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.344	0.002	0.000
24005	Baltimore	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.686	0.092	0.015
24005	Baltimore	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.080	0.002	0.000
24005	Baltimore	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.001	1.344	0.208	0.090
24005	Baltimore	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.030	32.928	2.608	2.779
24005	Baltimore	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.074	0.009	0.005
24005	Baltimore	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.001	1.156	0.130	0.075
24005	Baltimore	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.076	83.873	7.356	6.956
24005	Baltimore	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.082	94.117	5.651	7.571
24005	Baltimore	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.005	5.322	0.474	0.417
24005	Baltimore	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.003	3.748	0.329	0.257
24005	Baltimore	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.008	10.430	1.036	0.767
24005	Baltimore	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.036	41.541	4.491	3.299
24005	Baltimore	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.031	49.171	3.283	2.838
24005	Baltimore	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.307	317.750	21.947	28.199
24005	Baltimore	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.003	2.809	0.339	0.234
24005	Baltimore	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.001	1.879	0.155	0.110
24005	Baltimore	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.070	88.663	4.525	6.440
24005	Baltimore	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.076	79.766	5.267	7.016
24005	Baltimore	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.263	307.820	15.316	24.129
24005	Baltimore	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.012	16.080	0.970	1.135
24005	Baltimore	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.098	112.830	11.391	9.021
24005	Baltimore	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.334	406.670	27.349	30.692
24005	Baltimore	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.203	266.300	38.983	18.576
24005	Baltimore	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.306	351.240	22.556	28.092
24005	Baltimore	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.140	179.660	33.873	12.721
24005	Baltimore	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.033	44.403	2.799	3.021
24005	Baltimore	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.576	0.106	0.039
24005	Baltimore	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.032	42.602	3.028	2.895
24005	Baltimore	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.004	4.966	0.820	0.323
24005	Baltimore	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.051	49.531	4.387	4.694
24005	Baltimore	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.022	25.042	1.635	2.049
24005	Baltimore	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.023	28.533	1.817	2.080
24005	Baltimore	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.001	1.392	0.161	0.080

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24005	Baltimore	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.098	107.340	9.115	8.988
24005	Baltimore	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.032	31.208	2.262	2.956
24005	Baltimore	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.006	0.001	0.000
24005	Baltimore	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	1.665	0.102	0.107
24005	Baltimore	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.031	37.982	3.883	2.823
24005	Baltimore	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.006	7.793	0.757	0.583
24005	Baltimore	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.042	58.138	4.496	3.847
24005	Baltimore	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.005	5.438	0.418	0.454
24005	Baltimore	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.155	0.016	0.011
24005	Baltimore	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.039	52.647	5.132	3.575
24005	Baltimore	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.004	5.462	0.566	0.321
24005	Baltimore	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.025	0.003	0.002
24005	Baltimore	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.005	0.001	0.000
24005	Baltimore	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.409	0.045	0.027
24005	Baltimore	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.394	0.050	0.025
24005	Baltimore	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	1.110	0.119	0.070
24005	Baltimore	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.001	0.717	0.058	0.051
24005	Baltimore	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.060	82.598	7.676	5.516
24005	Baltimore	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.014	19.653	1.863	1.302
24005	Baltimore	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.039	48.073	4.054	3.612
24005	Baltimore	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.020	24.507	4.813	1.829
24005	Baltimore	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.002	2.739	0.212	0.176
24005	Baltimore	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.002	2.062	0.178	0.156
24005	Baltimore	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.003	2.829	0.189	0.261
24005	Baltimore	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.815	0.040	0.054
24005	Baltimore	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.089	26.154	7.677	0.193
24005	Baltimore	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.038	9.518	2.854	0.084
24005	Baltimore	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sternrive	0.046	37.975	0.243	0.121
24005	Baltimore	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sternrive	0.021	32.261	0.743	2.251
24005	Baltimore	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.113	0.013	0.010
24005	Baltimore	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.002	2.946	0.376	0.186
24005	Baltimore	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.061	0.001	0.000
24005	Baltimore	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.006	0.000	0.000
24013	Carroll	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.006	0.354	2.441	0.009
24013	Carroll	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.007	0.478	3.124	0.008
24013	Carroll	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.515	0.013	0.004
24013	Carroll	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.056	0.240	0.001
24013	Carroll	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.003	0.008	0.000
24013	Carroll	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.004	0.010	0.000
24013	Carroll	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.001	0.117	0.625	0.002
24013	Carroll	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.002	0.000



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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24013	Carroll	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.002	0.000
24013	Carroll	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.012	0.043	0.000
24013	Carroll	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.001	0.107	0.356	0.002
24013	Carroll	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.001	0.174	0.571	0.003
24013	Carroll	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.010	1.414	6.982	0.022
24013	Carroll	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.002	0.245	0.814	0.004
24013	Carroll	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.008	1.207	3.662	0.018
24013	Carroll	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.156	0.514	0.003
24013	Carroll	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.008	1.202	4.156	0.017
24013	Carroll	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.052	0.153	0.001
24013	Carroll	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.003	0.261	0.771	0.006
24013	Carroll	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.001	0.001	0.000
24013	Carroll	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.004	0.012	0.000
24013	Carroll	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.018	0.052	0.000
24013	Carroll	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.001	0.125	0.384	0.002
24013	Carroll	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.001	0.002	0.000
24013	Carroll	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.016	0.088	0.000
24013	Carroll	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.002	0.399	0.037	0.005
24013	Carroll	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.019	3.742	0.358	0.050
24013	Carroll	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.008	2.501	0.069	0.021
24013	Carroll	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.523	0.011	0.004
24013	Carroll	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.109	0.002	0.001
24013	Carroll	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.155	0.006	0.001
24013	Carroll	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.000	0.176	0.003	0.001
24013	Carroll	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.001	0.307	0.009	0.002
24013	Carroll	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.000	0.122	0.004	0.001
24013	Carroll	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.006	0.000	0.000
24013	Carroll	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.001	0.340	0.008	0.002
24013	Carroll	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.130	0.004	0.001
24013	Carroll	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.002	0.550	0.013	0.004
24013	Carroll	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.001	0.281	0.008	0.002
24013	Carroll	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.060	0.000	0.000
24013	Carroll	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.040	0.001	0.000
24013	Carroll	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.095	0.001	0.000
24013	Carroll	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.212	0.001	0.001
24013	Carroll	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.000	0.180	0.004	0.001
24013	Carroll	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.262	0.002	0.001
24013	Carroll	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.045	0.001	0.000
24013	Carroll	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.092	0.000	0.000
24013	Carroll	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.000	0.446	0.003	0.001
24013	Carroll	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.002	1.569	0.009	0.004
24013	Carroll	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.230	0.003	0.001
24013	Carroll	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.001	0.263	0.011	0.002
24013	Carroll	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.029	0.000	0.000
24013	Carroll	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC/Refrigeration	0.000	0.010	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24013	Carroll	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.106	0.001	0.000
24013	Carroll	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.015	4.946	0.236	0.037
24013	Carroll	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.020	6.611	0.384	0.050
24013	Carroll	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.001	0.418	0.021	0.003
24013	Carroll	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.011	3.483	0.169	0.026
24013	Carroll	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.027	0.001	0.000
24013	Carroll	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.152	0.007	0.001
24013	Carroll	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.000	0.052	0.003	0.000
24013	Carroll	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.019	8.686	0.154	0.052
24013	Carroll	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.362	0.008	0.004
24013	Carroll	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.007	1.826	0.039	0.020
24013	Carroll	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.003	1.011	0.023	0.008
24013	Carroll	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.002	0.717	0.017	0.006
24013	Carroll	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.003	0.941	0.021	0.007
24013	Carroll	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.001	0.402	0.019	0.003
24013	Carroll	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.039	13.697	0.306	0.105
24013	Carroll	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.030	9.755	0.234	0.080
24013	Carroll	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.005	2.788	0.038	0.014
24013	Carroll	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.096	32.434	0.901	0.255
24013	Carroll	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.001	0.489	0.017	0.004
24013	Carroll	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.003	1.079	0.037	0.008
24013	Carroll	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.018	0.000	0.000
24013	Carroll	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.178	0.002	0.001
24013	Carroll	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.167	0.001	0.000
24013	Carroll	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.017	0.000	0.000
24013	Carroll	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.001	0.286	0.005	0.001
24013	Carroll	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.001	0.317	0.007	0.003
24013	Carroll	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.264	0.001	0.001
24013	Carroll	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.317	0.002	0.001
24013	Carroll	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.316	0.003	0.001
24013	Carroll	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.022	8.246	0.197	0.061
24013	Carroll	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.005	2.331	0.072	0.015
24013	Carroll	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.003	1.487	0.033	0.008
24013	Carroll	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.006	2.726	0.051	0.017
24013	Carroll	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.010	3.491	0.118	0.026
24013	Carroll	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.163	0.005	0.001
24013	Carroll	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.083	0.002	0.001
24013	Carroll	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.091	0.003	0.001
24013	Carroll	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.115	0.001	0.000
24013	Carroll	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.043	0.000	0.000
24013	Carroll	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.059	0.001	0.000
24013	Carroll	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.013	0.000	0.000
24013	Carroll	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.007	0.000	0.000
24013	Carroll	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.135	0.001	0.000
24013	Carroll	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.056	0.000	0.000
24013	Carroll	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.080	0.001	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24013	Carroll	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.055	0.000	0.000
24013	Carroll	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.009	0.000	0.000
24013	Carroll	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.091	0.001	0.000
24013	Carroll	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.203	0.002	0.000
24013	Carroll	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.019	0.000	0.000
24013	Carroll	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.196	0.001	0.000
24013	Carroll	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.084	0.000	0.000
24013	Carroll	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.595	0.004	0.001
24013	Carroll	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	46.169	0.342	0.071
24013	Carroll	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.278	0.003	0.001
24013	Carroll	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.098	0.001	0.000
24013	Carroll	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.032	0.000	0.000
24013	Carroll	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.143	0.002	0.000
24013	Carroll	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	1.637	0.013	0.003
24013	Carroll	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	3.016	0.018	0.004
24013	Carroll	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	0.629	0.004	0.001
24013	Carroll	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.701	0.005	0.001
24013	Carroll	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.919	0.006	0.001
24013	Carroll	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.013	0.000	0.000
24013	Carroll	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.010	0.000	0.000
24013	Carroll	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	3.305	0.024	0.004
24013	Carroll	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.004	0.000	0.000
24013	Carroll	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.013	0.000	0.000
24013	Carroll	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.010	0.000	0.000
24013	Carroll	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.064	0.000	0.000
24013	Carroll	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	0.940	0.005	0.001
24013	Carroll	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.045	0.000	0.000
24013	Carroll	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.057	0.000	0.000
24013	Carroll	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	0.278	0.015	0.003
24013	Carroll	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.080	0.002	0.000
24013	Carroll	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.001	1.344	0.208	0.090
24013	Carroll	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.004	4.178	0.331	0.353
24013	Carroll	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.009	0.001	0.001
24013	Carroll	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.147	0.016	0.009
24013	Carroll	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.010	10.641	0.933	0.883
24013	Carroll	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.010	11.940	0.717	0.961
24013	Carroll	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.001	0.675	0.060	0.053
24013	Carroll	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.000	0.476	0.042	0.033
24013	Carroll	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.001	1.323	0.131	0.097
24013	Carroll	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.005	5.270	0.570	0.419
24013	Carroll	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.004	6.238	0.417	0.360
24013	Carroll	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.039	40.313	2.784	3.578

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24013	Carroll	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.356	0.043	0.030
24013	Carroll	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.238	0.020	0.014
24013	Carroll	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.009	11.249	0.574	0.817
24013	Carroll	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.010	10.120	0.668	0.890
24013	Carroll	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.033	39.053	1.943	3.061
24013	Carroll	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.002	2.040	0.123	0.144
24013	Carroll	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.012	14.314	1.445	1.145
24013	Carroll	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.042	51.594	3.470	3.894
24013	Carroll	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.026	33.785	4.946	2.357
24013	Carroll	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.039	44.562	2.862	3.564
24013	Carroll	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.018	22.793	4.297	1.614
24013	Carroll	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.004	5.633	0.355	0.383
24013	Carroll	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.073	0.013	0.005
24013	Carroll	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.004	5.405	0.384	0.367
24013	Carroll	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.000	0.692	0.114	0.045
24013	Carroll	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.007	6.903	0.611	0.654
24013	Carroll	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.003	3.490	0.228	0.286
24013	Carroll	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.003	3.977	0.253	0.290
24013	Carroll	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.194	0.022	0.011
24013	Carroll	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.021	23.055	1.958	1.930
24013	Carroll	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.004	4.350	0.315	0.412
24013	Carroll	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.000	0.525	0.032	0.034
24013	Carroll	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.010	11.975	1.224	0.890
24013	Carroll	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.002	2.457	0.239	0.184
24013	Carroll	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.013	18.330	1.417	1.213
24013	Carroll	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.002	1.714	0.132	0.143
24013	Carroll	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.049	0.005	0.003
24013	Carroll	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.101	136.480	13.304	9.268
24013	Carroll	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.009	14.158	1.467	0.832
24013	Carroll	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.066	0.009	0.005
24013	Carroll	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.014	0.002	0.001
24013	Carroll	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.001	1.060	0.117	0.071
24013	Carroll	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.001	1.022	0.130	0.065
24013	Carroll	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.002	2.877	0.308	0.181
24013	Carroll	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.001	1.858	0.152	0.133
24013	Carroll	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.010	13.602	1.264	0.908
24013	Carroll	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.002	3.237	0.307	0.214
24013	Carroll	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.006	7.917	0.668	0.595
24013	Carroll	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.003	4.036	0.793	0.301
24013	Carroll	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.000	0.451	0.035	0.029
24013	Carroll	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.000	0.339	0.029	0.026
24013	Carroll	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.002	2.131	0.142	0.197
24013	Carroll	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24013	Carroll	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.815	0.040	0.054
24013	Carroll	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.007	2.157	0.633	0.016
24013	Carroll	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.003	0.785	0.235	0.007
24013	Carroll	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sternrive	0.002	1.672	0.011	0.005
24013	Carroll	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sternrive	0.001	1.395	0.032	0.097
24013	Carroll	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.009	0.001	0.001
24013	Carroll	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	0.845	0.108	0.053
24013	Carroll	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.018	0.000	0.000
24013	Carroll	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.002	0.000	0.000
24025	Harford	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.010	0.590	4.068	0.015
24025	Harford	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.011	0.796	5.206	0.013
24025	Harford	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.002	0.858	0.021	0.006
24025	Harford	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.119	0.505	0.002
24025	Harford	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.006	0.018	0.000
24025	Harford	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.008	0.022	0.000
24025	Harford	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.002	0.246	1.316	0.004
24025	Harford	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.004	0.000
24025	Harford	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.003	0.000
24025	Harford	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.016	0.060	0.000
24025	Harford	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.001	0.078	0.259	0.001
24025	Harford	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.002	0.244	0.800	0.004
24025	Harford	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.007	1.031	5.091	0.016
24025	Harford	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.003	0.344	1.141	0.006
24025	Harford	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.006	0.880	2.670	0.013
24025	Harford	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.002	0.219	0.720	0.004
24025	Harford	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.006	0.876	3.030	0.012
24025	Harford	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.079	0.233	0.002
24025	Harford	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.002	0.191	0.562	0.004
24025	Harford	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.000	0.001	0.000
24025	Harford	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.002	0.005	0.000
24025	Harford	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.025	0.070	0.000
24025	Harford	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.001	0.169	0.520	0.003
24025	Harford	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.001	0.003	0.000
24025	Harford	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.025	0.134	0.000
24025	Harford	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.003	0.659	0.062	0.008
24025	Harford	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.031	6.174	0.597	0.083
24025	Harford	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.010	3.183	0.089	0.027
24025	Harford	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.002	0.863	0.018	0.006
24025	Harford	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.001	0.228	0.004	0.001
24025	Harford	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.001	0.322	0.013	0.002
24025	Harford	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.368	0.007	0.002
24025	Harford	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.002	0.640	0.018	0.005
24025	Harford	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.254	0.008	0.002

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24025	Harford	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.013	0.001	0.000
24025	Harford	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.002	0.709	0.017	0.004
24025	Harford	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.001	0.271	0.008	0.001
24025	Harford	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.003	1.147	0.027	0.009
24025	Harford	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.002	0.587	0.017	0.004
24025	Harford	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.126	0.001	0.000
24025	Harford	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.082	0.002	0.001
24025	Harford	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.199	0.001	0.001
24025	Harford	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.442	0.003	0.001
24025	Harford	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.001	0.376	0.008	0.003
24025	Harford	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.001	0.546	0.005	0.002
24025	Harford	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.095	0.002	0.001
24025	Harford	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.193	0.001	0.000
24025	Harford	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.001	0.713	0.005	0.002
24025	Harford	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.002	2.508	0.015	0.007
24025	Harford	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.001	0.368	0.005	0.002
24025	Harford	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.001	0.421	0.018	0.003
24025	Harford	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.046	0.000	0.000
24025	Harford	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.015	0.000	0.000
24025	Harford	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.169	0.002	0.001
24025	Harford	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.021	6.861	0.331	0.052
24025	Harford	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.015	4.772	0.280	0.037
24025	Harford	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.002	0.580	0.029	0.004
24025	Harford	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.008	2.514	0.123	0.019
24025	Harford	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.038	0.002	0.000
24025	Harford	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.110	0.005	0.001
24025	Harford	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.000	0.073	0.004	0.001
24025	Harford	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.014	6.270	0.112	0.038
24025	Harford	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.002	0.546	0.012	0.006
24025	Harford	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.005	1.316	0.028	0.015
24025	Harford	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.004	1.403	0.032	0.011
24025	Harford	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.002	0.517	0.013	0.004
24025	Harford	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.002	0.680	0.015	0.005
24025	Harford	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.001	0.291	0.014	0.002
24025	Harford	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.055	18.997	0.429	0.147
24025	Harford	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.022	7.042	0.170	0.058
24025	Harford	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.004	2.012	0.028	0.010
24025	Harford	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.070	23.415	0.657	0.186
24025	Harford	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.002	0.678	0.024	0.005
24025	Harford	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.002	0.779	0.027	0.006
24025	Harford	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.008	0.000	0.000
24025	Harford	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.080	0.001	0.000
24025	Harford	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.075	0.000	0.000
24025	Harford	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.007	0.000	0.000
24025	Harford	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.129	0.002	0.001
24025	Harford	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.001	0.143	0.003	0.001
24025	Harford	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.119	0.001	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24025	Harford	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.143	0.001	0.000
24025	Harford	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.143	0.001	0.001
24025	Harford	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.030	11.064	0.266	0.083
24025	Harford	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.007	3.128	0.097	0.020
24025	Harford	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.004	1.995	0.045	0.011
24025	Harford	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.008	3.657	0.069	0.023
24025	Harford	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.013	4.684	0.160	0.036
24025	Harford	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.001	0.218	0.006	0.002
24025	Harford	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.125	0.003	0.001
24025	Harford	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.041	0.001	0.000
24025	Harford	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.192	0.001	0.000
24025	Harford	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.090	0.001	0.000
24025	Harford	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.125	0.001	0.000
24025	Harford	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.028	0.000	0.000
24025	Harford	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.015	0.000	0.000
24025	Harford	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.284	0.002	0.000
24025	Harford	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.117	0.001	0.000
24025	Harford	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.168	0.002	0.000
24025	Harford	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.116	0.001	0.000
24025	Harford	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.019	0.000	0.000
24025	Harford	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.192	0.001	0.000
24025	Harford	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.428	0.003	0.001
24025	Harford	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.041	0.000	0.000
24025	Harford	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.413	0.003	0.001
24025	Harford	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.177	0.001	0.000
24025	Harford	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.961	0.006	0.001
24025	Harford	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	74.558	0.552	0.115
24025	Harford	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.448	0.004	0.001
24025	Harford	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.158	0.001	0.000
24025	Harford	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.051	0.000	0.000
24025	Harford	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.230	0.003	0.001
24025	Harford	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	1.193	0.009	0.002
24025	Harford	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	4.088	0.024	0.005
24025	Harford	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	0.853	0.006	0.001
24025	Harford	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.951	0.007	0.001
24025	Harford	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	1.246	0.009	0.002
24025	Harford	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.018	0.000	0.000
24025	Harford	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.013	0.000	0.000
24025	Harford	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.007	0.000	0.000
24025	Harford	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	5.338	0.039	0.007
24025	Harford	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.006	0.000	0.000
24025	Harford	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.019	0.000	0.000
24025	Harford	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.016	0.000	0.000
24025	Harford	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24025	Harford	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.029	0.000	0.000
24025	Harford	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	1.274	0.007	0.001
24025	Harford	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.060	0.000	0.000
24025	Harford	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.077	0.001	0.000
24025	Harford	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	0.376	0.021	0.003
24025	Harford	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.036	0.001	0.000
24025	Harford	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.002	2.240	0.346	0.150
24025	Harford	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.008	8.802	0.697	0.743
24025	Harford	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.020	0.002	0.001
24025	Harford	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.309	0.035	0.020
24025	Harford	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.020	22.421	1.966	1.860
24025	Harford	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.022	25.160	1.511	2.024
24025	Harford	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.001	1.423	0.127	0.111
24025	Harford	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	1.002	0.088	0.069
24025	Harford	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.002	2.788	0.277	0.205
24025	Harford	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.010	11.105	1.200	0.882
24025	Harford	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.008	13.144	0.878	0.759
24025	Harford	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.082	84.942	5.867	7.538
24025	Harford	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.001	0.751	0.091	0.062
24025	Harford	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.502	0.042	0.030
24025	Harford	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.019	23.702	1.210	1.722
24025	Harford	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.020	21.323	1.408	1.876
24025	Harford	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.070	82.287	4.094	6.450
24025	Harford	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.003	4.299	0.259	0.303
24025	Harford	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.026	30.161	3.045	2.412
24025	Harford	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.089	108.710	7.311	8.205
24025	Harford	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.054	71.188	10.421	4.966
24025	Harford	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.082	93.895	6.030	7.510
24025	Harford	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.037	48.028	9.055	3.401
24025	Harford	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.009	11.870	0.748	0.808
24025	Harford	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.154	0.028	0.010
24025	Harford	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.008	11.388	0.809	0.774
24025	Harford	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.001	1.118	0.184	0.073
24025	Harford	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.012	11.148	0.987	1.057
24025	Harford	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.005	5.636	0.368	0.461
24025	Harford	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.005	6.422	0.409	0.468
24025	Harford	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.313	0.036	0.018
24025	Harford	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.030	32.700	2.777	2.738
24025	Harford	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.007	7.024	0.509	0.665
24025	Harford	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.000	0.383	0.023	0.025
24025	Harford	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.007	8.731	0.893	0.649
24025	Harford	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.001	1.791	0.174	0.134
24025	Harford	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.010	13.364	1.033	0.884
24025	Harford	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.001	1.250	0.096	0.104
24025	Harford	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.036	0.004	0.002
24025	Harford	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000



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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24025	Harford	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.046	62.169	6.061	4.222
24025	Harford	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.004	6.450	0.668	0.379
24025	Harford	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.030	0.004	0.002
24025	Harford	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.006	0.001	0.000
24025	Harford	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.483	0.053	0.032
24025	Harford	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.466	0.059	0.030
24025	Harford	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	1.310	0.140	0.083
24025	Harford	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.001	0.846	0.069	0.061
24025	Harford	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.013	18.437	1.713	1.231
24025	Harford	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.003	4.387	0.416	0.291
24025	Harford	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.009	10.731	0.905	0.806
24025	Harford	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.004	5.470	1.074	0.408
24025	Harford	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.000	0.611	0.047	0.039
24025	Harford	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.000	0.460	0.040	0.035
24025	Harford	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.003	3.218	0.215	0.297
24025	Harford	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.370	0.018	0.024
24025	Harford	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.068	19.953	5.857	0.147
24025	Harford	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.029	7.261	2.177	0.064
24025	Harford	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sternrive	0.041	34.555	0.219	0.109
24025	Harford	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sternrive	0.019	29.122	0.671	2.032
24025	Harford	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.087	0.010	0.008
24025	Harford	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	1.542	0.197	0.098
24025	Harford	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.032	0.001	0.000
24025	Harford	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.003	0.000	0.000
24027	Howard	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.002	0.118	0.814	0.003
24027	Howard	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.002	0.159	1.041	0.003
24027	Howard	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.172	0.004	0.001
24027	Howard	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.085	0.362	0.001
24027	Howard	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.004	0.013	0.000
24027	Howard	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.005	0.015	0.000
24027	Howard	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.001	0.177	0.945	0.003
24027	Howard	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.003	0.000
24027	Howard	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.004	0.000
24027	Howard	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.017	0.061	0.000
24027	Howard	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.002	0.230	0.763	0.004
24027	Howard	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.002	0.251	0.822	0.004
24027	Howard	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.021	3.033	14.979	0.046
24027	Howard	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.003	0.354	1.174	0.006
24027	Howard	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.017	2.589	7.856	0.039
24027	Howard	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.002	0.225	0.741	0.004
24027	Howard	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.017	2.578	8.915	0.037

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24027	Howard	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.088	0.260	0.002
24027	Howard	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.007	0.561	1.653	0.013
24027	Howard	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.001	0.003	0.000
24027	Howard	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.001	0.002	0.000
24027	Howard	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.065	0.187	0.001
24027	Howard	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.003	0.449	1.382	0.007
24027	Howard	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24027	Howard	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.003	0.008	0.000
24027	Howard	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.011	0.060	0.000
24027	Howard	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.001	0.132	0.012	0.002
24027	Howard	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.006	1.235	0.119	0.017
24027	Howard	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.008	2.476	0.069	0.021
24027	Howard	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.173	0.004	0.001
24027	Howard	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.163	0.003	0.001
24027	Howard	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.001	0.231	0.010	0.002
24027	Howard	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.264	0.005	0.002
24027	Howard	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.001	0.459	0.013	0.003
24027	Howard	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.182	0.006	0.001
24027	Howard	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.009	0.000	0.000
24027	Howard	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.001	0.509	0.012	0.003
24027	Howard	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.194	0.006	0.001
24027	Howard	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.002	0.824	0.020	0.006
24027	Howard	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.001	0.421	0.012	0.003
24027	Howard	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.090	0.001	0.000
24027	Howard	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.059	0.002	0.000
24027	Howard	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.143	0.001	0.000
24027	Howard	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.317	0.002	0.001
24027	Howard	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.001	0.270	0.006	0.002
24027	Howard	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.001	0.392	0.004	0.001
24027	Howard	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.068	0.002	0.000
24027	Howard	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.138	0.001	0.000
24027	Howard	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.001	0.968	0.007	0.003
24027	Howard	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.003	3.407	0.020	0.009
24027	Howard	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.001	0.499	0.007	0.002
24027	Howard	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.001	0.571	0.025	0.004
24027	Howard	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.063	0.000	0.000
24027	Howard	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC/Refrigeration	0.000	0.017	0.000	0.000
24027	Howard	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.230	0.002	0.001
24027	Howard	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.022	7.059	0.340	0.053
24027	Howard	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.044	14.046	0.823	0.108
24027	Howard	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.002	0.597	0.030	0.005
24027	Howard	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.023	7.400	0.363	0.056
24027	Howard	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.039	0.002	0.000
24027	Howard	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.001	0.324	0.014	0.003
24027	Howard	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.000	0.075	0.004	0.001
24027	Howard	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.042	18.455	0.331	0.111
24027	Howard	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.002	0.608	0.013	0.007

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24027	Howard	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.014	3.871	0.084	0.043
24027	Howard	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.004	1.443	0.032	0.011
24027	Howard	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.005	1.523	0.037	0.013
24027	Howard	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.006	2.000	0.045	0.015
24027	Howard	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.003	0.855	0.041	0.006
24027	Howard	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.057	19.547	0.441	0.151
24027	Howard	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.064	20.727	0.501	0.172
24027	Howard	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.011	5.923	0.082	0.030
24027	Howard	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.206	68.914	1.933	0.546
24027	Howard	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.002	0.698	0.025	0.005
24027	Howard	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.007	2.292	0.080	0.017
24027	Howard	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.036	0.000	0.000
24027	Howard	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.034	0.000	0.000
24027	Howard	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.003	0.000	0.000
24027	Howard	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.058	0.001	0.000
24027	Howard	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.065	0.001	0.001
24027	Howard	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.054	0.000	0.000
24027	Howard	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.065	0.000	0.000
24027	Howard	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.065	0.001	0.000
24027	Howard	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.080	29.406	0.708	0.219
24027	Howard	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.020	8.315	0.258	0.053
24027	Howard	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.011	5.302	0.120	0.029
24027	Howard	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.022	9.720	0.182	0.062
24027	Howard	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.035	12.450	0.424	0.095
24027	Howard	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.002	0.580	0.017	0.004
24027	Howard	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.056	0.001	0.000
24027	Howard	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.033	0.001	0.000
24027	Howard	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.038	0.000	0.000
24027	Howard	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.065	0.000	0.000
24027	Howard	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.090	0.001	0.000
24027	Howard	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.020	0.000	0.000
24027	Howard	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.011	0.000	0.000
24027	Howard	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.204	0.001	0.000
24027	Howard	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.084	0.000	0.000
24027	Howard	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.121	0.001	0.000
24027	Howard	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.083	0.001	0.000
24027	Howard	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.013	0.000	0.000
24027	Howard	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.137	0.001	0.000
24027	Howard	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.307	0.002	0.000
24027	Howard	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.029	0.000	0.000
24027	Howard	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.297	0.002	0.000
24027	Howard	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.127	0.001	0.000
24027	Howard	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	1.306	0.008	0.002
24027	Howard	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	101.260	0.750	0.157
24027	Howard	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.609	0.006	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24027	Howard	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.214	0.002	0.000
24027	Howard	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.070	0.000	0.000
24027	Howard	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.313	0.004	0.001
24027	Howard	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	3.512	0.028	0.006
24027	Howard	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	10.866	0.064	0.014
24027	Howard	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	2.266	0.015	0.003
24027	Howard	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	2.527	0.018	0.004
24027	Howard	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	3.311	0.023	0.005
24027	Howard	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.047	0.000	0.000
24027	Howard	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.036	0.000	0.000
24027	Howard	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	7.249	0.053	0.010
24027	Howard	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.008	0.000	0.000
24027	Howard	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /ACRefrigeration	0.000	0.022	0.000	0.000
24027	Howard	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.022	0.000	0.000
24027	Howard	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.013	0.000	0.000
24027	Howard	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	3.386	0.019	0.004
24027	Howard	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.161	0.001	0.000
24027	Howard	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.204	0.001	0.000
24027	Howard	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.000	0.055	0.009
24027	Howard	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.029	0.001	0.000
24027	Howard	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.448	0.069	0.030
24027	Howard	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.006	6.318	0.500	0.533
24027	Howard	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.014	0.002	0.001
24027	Howard	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.222	0.025	0.014
24027	Howard	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.015	16.094	1.412	1.335
24027	Howard	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.016	18.059	1.084	1.453
24027	Howard	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.001	1.021	0.091	0.080
24027	Howard	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	0.719	0.063	0.049
24027	Howard	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.002	2.001	0.199	0.147
24027	Howard	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.007	7.971	0.862	0.633
24027	Howard	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.006	9.435	0.630	0.544
24027	Howard	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.059	60.970	4.211	5.411
24027	Howard	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.539	0.065	0.045
24027	Howard	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.361	0.030	0.021
24027	Howard	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.013	17.013	0.868	1.236
24027	Howard	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.015	15.305	1.011	1.346
24027	Howard	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.050	59.064	2.939	4.630
24027	Howard	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.002	3.086	0.186	0.218
24027	Howard	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.019	21.649	2.186	1.731
24027	Howard	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.064	78.032	5.248	5.889
24027	Howard	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.039	51.098	7.480	3.564
24027	Howard	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.059	67.396	4.328	5.390

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24027	Howard	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.027	34.474	6.500	2.441
24027	Howard	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.006	8.520	0.537	0.580
24027	Howard	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.110	0.020	0.008
24027	Howard	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.006	8.175	0.581	0.555
24027	Howard	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.001	1.518	0.251	0.099
24027	Howard	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.016	15.140	1.341	1.435
24027	Howard	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.007	7.655	0.500	0.626
24027	Howard	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.007	8.722	0.555	0.636
24027	Howard	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.426	0.049	0.024
24027	Howard	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.034	37.236	3.162	3.118
24027	Howard	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.010	9.540	0.692	0.904
24027	Howard	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	1.126	0.069	0.072
24027	Howard	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.021	25.690	2.626	1.910
24027	Howard	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.004	5.271	0.512	0.394
24027	Howard	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.028	39.324	3.041	2.602
24027	Howard	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.003	3.678	0.283	0.307
24027	Howard	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.105	0.011	0.007
24027	Howard	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.021	28.202	2.749	1.915
24027	Howard	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.002	2.926	0.303	0.172
24027	Howard	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.014	0.002	0.001
24027	Howard	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.003	0.000	0.000
24027	Howard	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.219	0.024	0.015
24027	Howard	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.211	0.027	0.013
24027	Howard	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.000	0.594	0.064	0.037
24027	Howard	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.384	0.031	0.028
24027	Howard	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.036	49.001	4.554	3.272
24027	Howard	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.008	11.659	1.105	0.772
24027	Howard	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.023	28.520	2.405	2.143
24027	Howard	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.012	14.539	2.855	1.085
24027	Howard	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.001	1.625	0.126	0.105
24027	Howard	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	1.223	0.106	0.093
24027	Howard	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.001	1.452	0.097	0.134
24027	Howard	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.296	0.015	0.020
24027	Howard	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.004	1.079	0.317	0.008
24027	Howard	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.002	0.392	0.118	0.003
24027	Howard	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sternrive	0.001	0.828	0.005	0.003
24027	Howard	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sternrive	0.000	0.698	0.016	0.049
24027	Howard	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.005	0.001	0.000
24027	Howard	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	1.936	0.247	0.122
24027	Howard	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.041	0.001	0.000
24027	Howard	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.004	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24510	Baltimore City	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.004	0.011	0.000
24510	Baltimore City	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.001	0.000
24510	Baltimore City	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.046	0.168	0.001
24510	Baltimore City	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.000	0.043	0.142	0.001
24510	Baltimore City	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.005	0.683	2.243	0.012
24510	Baltimore City	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.004	0.564	2.784	0.009
24510	Baltimore City	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.007	0.964	3.200	0.016
24510	Baltimore City	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.003	0.481	1.460	0.007
24510	Baltimore City	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.005	0.613	2.020	0.010
24510	Baltimore City	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.003	0.479	1.657	0.007
24510	Baltimore City	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.003	0.270	0.797	0.006
24510	Baltimore City	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	0.104	0.307	0.002
24510	Baltimore City	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.000	0.001	0.000
24510	Baltimore City	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.070	0.199	0.001
24510	Baltimore City	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.003	0.477	1.470	0.007
24510	Baltimore City	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24510	Baltimore City	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.003	0.009	0.000
24510	Baltimore City	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.005	1.735	0.049	0.015
24510	Baltimore City	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24510	Baltimore City	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.003	2.356	0.016	0.007
24510	Baltimore City	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.008	8.294	0.050	0.023
24510	Baltimore City	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.002	1.216	0.016	0.005
24510	Baltimore City	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.004	1.391	0.062	0.009
24510	Baltimore City	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.153	0.001	0.000
24510	Baltimore City	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.038	0.001	0.000
24510	Baltimore City	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.001	0.559	0.005	0.002
24510	Baltimore City	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.059	18.880	0.927	0.145
24510	Baltimore City	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.008	2.560	0.153	0.020
24510	Baltimore City	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.005	1.596	0.081	0.012
24510	Baltimore City	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.004	1.349	0.067	0.010
24510	Baltimore City	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.104	0.005	0.001
24510	Baltimore City	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.059	0.003	0.000
24510	Baltimore City	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.200	0.011	0.002
24510	Baltimore City	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.008	3.364	0.061	0.021
24510	Baltimore City	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.007	1.829	0.040	0.021
24510	Baltimore City	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.003	0.705	0.016	0.008
24510	Baltimore City	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.011	3.860	0.089	0.031
24510	Baltimore City	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.001	0.278	0.007	0.002
24510	Baltimore City	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.001	0.365	0.008	0.003
24510	Baltimore City	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.000	0.156	0.008	0.001
24510	Baltimore City	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.154	52.280	1.203	0.412
24510	Baltimore City	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.012	3.778	0.093	0.032
24510	Baltimore City	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.002	1.080	0.015	0.006
24510	Baltimore City	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.038	12.563	0.359	0.102
24510	Baltimore City	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.006	1.867	0.067	0.014
24510	Baltimore City	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.001	0.418	0.015	0.003
24510	Baltimore City	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.085	30.679	0.753	0.233
24510	Baltimore City	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.021	8.674	0.274	0.056
24510	Baltimore City	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.011	5.532	0.127	0.031
24510	Baltimore City	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.024	10.140	0.194	0.066
24510	Baltimore City	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.038	12.988	0.451	0.101
24510	Baltimore City	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.002	0.605	0.018	0.005
24510	Baltimore City	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24510	Baltimore City	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.089	0.003	0.001
24510	Baltimore City	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	3.241	0.020	0.004
24510	Baltimore City	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	251.340	1.862	0.389
24510	Baltimore City	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	1.511	0.014	0.003
24510	Baltimore City	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.532	0.004	0.001
24510	Baltimore City	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.173	0.001	0.000
24510	Baltimore City	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.776	0.009	0.002
24510	Baltimore City	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.653	0.005	0.001
24510	Baltimore City	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	11.557	0.068	0.015
24510	Baltimore City	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	2.410	0.016	0.004
24510	Baltimore City	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	2.687	0.020	0.004
24510	Baltimore City	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	3.521	0.024	0.005
24510	Baltimore City	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.050	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.038	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	17.994	0.132	0.024
24510	Baltimore City	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.020	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.011	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC/Refrigeration	0.000	0.051	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.055	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	3.601	0.020	0.004
24510	Baltimore City	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.171	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.217	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.064	0.058	0.010
24510	Baltimore City	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.080	0.002	0.000
24510	Baltimore City	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000



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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24510	Baltimore City	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.003	3.768	0.622	0.245
24510	Baltimore City	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.039	37.580	3.328	3.562
24510	Baltimore City	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.017	19.000	1.241	1.555
24510	Baltimore City	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.017	21.649	1.378	1.578
24510	Baltimore City	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.001	1.056	0.122	0.061
24510	Baltimore City	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.080	87.438	7.425	7.321
24510	Baltimore City	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.024	23.678	1.717	2.243
24510	Baltimore City	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.001	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.000	0.209	0.013	0.013
24510	Baltimore City	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.004	4.774	0.488	0.355
24510	Baltimore City	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.001	0.980	0.095	0.073
24510	Baltimore City	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.005	7.308	0.565	0.484
24510	Baltimore City	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.001	0.683	0.053	0.057
24510	Baltimore City	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.020	0.002	0.001
24510	Baltimore City	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.038	52.115	4.843	3.480

## APP\_A-4\_NMIM

FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2007	2007	2007	2007
24510	Baltimore City	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.009	12.400	1.175	0.821
24510	Baltimore City	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.025	30.332	2.558	2.279
24510	Baltimore City	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.013	15.463	3.037	1.154
24510	Baltimore City	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.001	1.728	0.134	0.111
24510	Baltimore City	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	1.301	0.112	0.099
24510	Baltimore City	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.815	0.040	0.054
24510	Baltimore City	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.029	8.359	2.453	0.062
24510	Baltimore City	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.012	3.042	0.912	0.027
24510	Baltimore City	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sternrive	0.011	9.337	0.060	0.030
24510	Baltimore City	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sternrive	0.005	8.022	0.185	0.560
24510	Baltimore City	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.036	0.004	0.003
24510	Baltimore City	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	1.501	0.192	0.095
24510	Baltimore City	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.031	0.001	0.000
24510	Baltimore City	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.003	0.000	0.000

Appendix B  
2017 Interim Year Projection Year Inventory

Appendix B-1  
2017 Point Source Emissions

## APP\_B-1\_EGU

FIPS	COUNTY	FACNAME	PLANTID	POINTID	STACKID	SCC	AEO FUEL	SO2 2017	NOx 2017	PM PRI25 2017
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0003	S5	10100215	Coal	2,490.000	1,115.000	539.593
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0015	S1	10100202	Coal	5,392.000	2,414.000	827.761
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0016	S2	10100202	Coal	5,627.000	2,519.000	1102.925
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0017	S6	10100202	Coal	1,239.000	555.000	208.646
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	4-0017	S10	10100401	Petroleum	836.210	372.813	2042.706
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	5-0489	S7	10100601	Natural Gas	208.853	208.853	494.482
24005	Baltimore	Constellation - Riverside	005-0078	4-1082	S3	10100601	Natural Gas	0.158	125.832	2.056
24005	Baltimore	Constellation - Riverside	005-0078	4-1363	S4	10100601	Natural Gas	0.071	35.341	0.477
24005	Baltimore	Constellation - Crane	005-0079	3-0108	S1	10100203	Coal	1,532.000	686.000	755.813
24005	Baltimore	Constellation - Crane	005-0079	3-0109	S2	10100203	Coal	1,646.000	737.000	953.509
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0081	S1	10100504	Petroleum	2.460	34.219	0.659
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0082	S2	10100504	Petroleum	2.144	32.545	0.603
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0083	S3	10100504	Petroleum	4.080	62.752	1.121
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0084	S4	10100504	Petroleum	1.878	30.625	0.000
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	5-0088	S5	10100601	Natural Gas	5.088	39.467	2.615
24510	Baltimore City	Constellation Energy Group - Westport	510-0006	5-0005	S1	10100601	Natural Gas	0.000	72.330	1.776













## APP\_B-1\_NonEGU

FIPS	CNTY NAME	NONATTAIN	NH 2017	NOx 2017	P25 2017	SO2 2017	FACNAME
24003	Anne Arundel	Baltimore, MD	0.000	0.000	0.000	0.000	National Security Agency Fanx Iii
24003	Anne Arundel	Baltimore, MD	0.000	0.000	0.000	0.000	National Security Agency Fanx Iii
24003	Anne Arundel	Baltimore, MD	0.000	0.363	0.001	0.000	National Security Agency Fanx Iii
24003	Anne Arundel	Baltimore, MD	0.000	29.000	0.000	0.000	Generic Source - Emission Offsets
24005	Baltimore	Baltimore, MD	0.000	0.232	0.011	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.153	0.008	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.362	0.086	0.003	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.261	0.048	0.001	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.024	0.006	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.024	0.006	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.054	0.012	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.216	0.050	0.001	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.057	0.014	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.032	0.007	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.064	0.015	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.025	0.006	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	University Of Maryland Baltimore County
24005	Baltimore	Baltimore, MD	0.000	0.377	0.000	0.004	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	0.096	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	1.965	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Lafarge - Texas
24005	Baltimore	Baltimore, MD	0.000	5.832	0.833	0.250	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	0.005	0.001	0.000	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	5.891	0.844	0.254	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	0.570	0.112	0.006	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	0.005	0.001	0.000	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	7.252	1.036	0.311	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	4.495	0.642	0.192	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Spring Grove Hospital Center
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	9.996	0.045	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	13.648	0.060	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	13.104	0.057	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	12.852	0.056	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	12.265	0.054	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	12.475	0.055	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	12.766	0.056	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	11.756	0.052	0.000	Constellation - Notch Cliff
24005	Baltimore	Baltimore, MD	0.000	25.762	0.294	0.042	Constellation - Riverside
24005	Baltimore	Baltimore, MD	0.000	23.231	0.361	0.037	Constellation - Riverside
24005	Baltimore	Baltimore, MD	0.000	18.806	0.248	0.021	Constellation - Crane
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Crane
24005	Baltimore	Baltimore, MD	0.000	0.599	0.046	0.004	Constellation - Crane
24005	Baltimore	Baltimore, MD	0.000	3.521	0.280	0.024	Constellation - Crane
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation - Crane
24005	Baltimore	Baltimore, MD	0.000	0.289	0.018	0.002	Signode Eastern Operations
24005	Baltimore	Baltimore, MD	0.000	0.131	0.006	0.001	Signode Eastern Operations
24005	Baltimore	Baltimore, MD	0.000	0.116	0.011	0.001	Signode Eastern Operations
24005	Baltimore	Baltimore, MD	0.000	0.739	0.049	0.005	Signode Eastern Operations
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Signode Eastern Operations
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Signode Eastern Operations



















## APP\_B-1\_NonEGU

FIPS	CNTY		NH	NOx	P25	SO2	
	NAME	NONATTAIN	2017	2017	2017	2017	FACNAME
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.175	0.013	0.001	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.037	0.003	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.183	0.014	0.001	Middle River Aircraft Systems
24005	Baltimore	Baltimore, MD	0.000	0.000	0.305	0.000	Maryland Paving - Texas Quarry
24005	Baltimore	Baltimore, MD	0.000	5.412	1.412	0.707	Maryland Paving - Texas Quarry
24005	Baltimore	Baltimore, MD	0.000	24.023	1.799	0.001	Eastern Landfill Gas, LLC
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Eastern Landfill Gas, LLC
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Eastern Landfill Gas, LLC
24005	Baltimore	Baltimore, MD	0.000	0.000	0.000	0.000	Eastern Landfill Gas, LLC
24005	Baltimore	Baltimore, MD	0.000	598.000	0.000	0.000	Generic Source - Emission Offsets
24013	Carroll	Baltimore, MD	0.000	0.000	1.223	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	3.057	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	1.301	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	8.424	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	7.204	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	2537.038	71.647	15.516	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.020	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.960	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	5.186	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	6.004	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.743	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	13.030	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Lehigh Cement Company - Union Bridge
24013	Carroll	Baltimore, MD	0.000	2.381	0.181	0.080	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	2.044	0.155	0.600	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	3.388	0.260	0.901	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	0.000	1.454	0.000	Congoleum Industries
24013	Carroll	Baltimore, MD	0.000	0.000	0.026	0.000	C.J. Miller, LLC
24013	Carroll	Baltimore, MD	0.000	1.416	0.752	0.185	C.J. Miller, LLC
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.009	0.000	Parrott Materials Company
24013	Carroll	Baltimore, MD	0.000	2.160	0.326	1.582	Parrott Materials Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.030	0.000	Parrott Materials Company
24013	Carroll	Baltimore, MD	0.000	7.448	1.123	5.462	Parrott Materials Company
24013	Carroll	Baltimore, MD	0.000	0.000	0.000	0.000	Parrott Materials Company

## APP\_B-1\_NonEGU

FIPS	CNTY	NONATTAIN	NH	NOx	P25	SO2	FACNAME
	NAME		2017	2017	2017	2017	
24013	Carroll	Baltimore, MD	0.000	0.000	0.054	0.000	Maryland Paving - Finksburg
24013	Carroll	Baltimore, MD	0.000	13.440	2.027	9.856	Maryland Paving - Finksburg
24013	Carroll	Baltimore, MD	0.000	13.445	4.419	0.013	Dpscs/dccfm - Central Laundry Facility
24013	Carroll	Baltimore, MD	0.000	12.222	4.419	0.013	Dpscs/dccfm - Central Laundry Facility
24013	Carroll	Baltimore, MD	0.000	6.111	2.411	0.007	Dpscs/dccfm - Central Laundry Facility
24013	Carroll	Baltimore, MD	0.000	6.111	2.411	0.007	Dpscs/dccfm - Central Laundry Facility
24025	Harford	Baltimore, MD	0.000	1.743	0.130	0.011	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	7.225	0.419	0.043	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.002	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.028	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.031	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.005	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.002	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.144	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	4.317	3.770	0.025	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.065	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	3.172	4.951	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.001	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.207	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.067	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.147	5.423	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.045	0.736	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.000	0.047	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.060	1.666	0.000	J. M. Huber Corporation - Havre De Grace
24025	Harford	Baltimore, MD	0.000	0.025	0.002	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	1.957	0.106	0.009	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	1.149	0.064	0.005	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.339	0.019	0.001	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.139	0.008	0.001	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.197	0.000	Independence Construction Materials
24025	Harford	Baltimore, MD	0.000	3.485	1.851	0.454	Independence Construction Materials
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Independence Construction Materials









## APP\_B-1\_NonEGU

FIPS	CNTY		NH	NOx	P25	SO2	FACNAME
	NAME	NONATTAIN	2017	2017	2017	2017	
24025	Harford	Baltimore, MD	0.608	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	American Color Graphics, Inc.
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Frito-Lay
24025	Harford	Baltimore, MD	0.000	3.258	0.250	0.020	Frito-Lay
24025	Harford	Baltimore, MD	0.000	0.000	0.825	0.000	Frito-Lay
24025	Harford	Baltimore, MD	0.000	7.430	0.000	0.040	Frito-Lay
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Bizerba Label Solutions
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.660	0.050	0.004	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.597	0.045	0.004	Alcore - Quarry Drive
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Wave
24025	Harford	Baltimore, MD	0.000	0.687	0.053	0.020	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.003	0.000	0.000	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.472	0.035	0.003	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Lifoam Industries, LLC
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Generic Source - Emission Offsets
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.270	0.041	0.003	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.830	0.125	0.010	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.246	0.037	0.003	Maryland & Virginia Milk Producers
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Precoat Metals division of Sequa Corporation
24027	Howard	Baltimore, MD	0.000	2.055	0.312	0.025	Precoat Metals division of Sequa Corporation
24027	Howard	Baltimore, MD	0.000	0.195	0.015	0.001	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.057	0.000	Bardon Inc - Annapolis Junction
24027	Howard	Baltimore, MD	0.000	3.063	1.625	0.353	Bardon Inc - Annapolis Junction
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Transcontinental Gas Pipeline
24027	Howard	Baltimore, MD	0.000	1184.608	39.593	0.482	Transcontinental Gas Pipeline





## APP\_B-1\_NonEGU

FIPS	CNTY		NH	NOx	P25	SO2	FACNAME
	NAME	NONATTAIN	2017	2017	2017	2017	
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	FMC Corp. Organic Chemicals Division
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	FMC Corp. Organic Chemicals Division
24510	Baltimore City	Baltimore, MD	0.000	0.160	0.021	0.002	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	6.454	1.648	0.122	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.388	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.200	0.263	1.587	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.612	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	1.106	0.967	0.716	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.325	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	23.907	9.764	36.026	0.055	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.035	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	24.024	60.988	1.729	0.127	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.040	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.421	0.000	1.699	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.144	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	8.962	3.221	11.820	0.018	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	2.596	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	20.230	5.066	21.607	0.034	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.318	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	1.556	5.015	0.009	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.087	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	2.615	13.619	25.834	0.123	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.025	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.815	0.487	0.013	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Grace - Davison Chemical
24510	Baltimore City	Baltimore, MD	0.000	4.729	0.678	0.122	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	4.524	0.678	0.122	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	4.524	0.678	0.122	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	3.906	0.356	0.122	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.206	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.206	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.101	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.101	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.101	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.101	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.101	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.101	0.000	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	0.272	0.082	0.000	Johns Hopkins Univ. - Charles Street
24510	Baltimore City	Baltimore, MD	0.000	55.593	2.614	61.772	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	56.688	2.183	77.692	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sasol North America
24510	Baltimore City	Baltimore, MD	0.000	92.648	14.955	365.482	Sasol North America





## APP\_B-1\_NonEGU

FIPS	CNTY		NH	NOx	P25	SO2	FACNAME
	NAME	NONATTAIN	2017	2017	2017	2017	
24510	Baltimore City	Baltimore, MD	0.000	3.945	1.361	0.122	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.002	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	29.193	0.013	6.578	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	4.385	2.288	0.238	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.079	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.450	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	20.526	0.410	0.040	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	21.412	0.415	0.042	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	20.478	0.415	0.040	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	20.150	0.399	0.040	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Mid-atlantic Baking
24510	Baltimore City	Baltimore, MD	0.000	2.661	0.200	0.019	Mid-atlantic Baking
24510	Baltimore City	Baltimore, MD	0.000	0.494	0.037	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.731	0.131	0.011	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.038	0.079	0.007	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.029	0.077	0.007	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.467	0.036	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.467	0.054	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.052	0.003	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	4.389	0.018	0.031	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.141	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.759	0.000	0.537	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.113	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.272	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.473	0.036	0.004	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.473	0.036	0.004	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	3.778	0.287	0.023	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	10.038	6.839	0.108	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	10.038	6.839	0.108	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.711	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.462	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	5.217	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.053	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.498	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.213	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.604	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	American Sugar Refining





## APP\_B-1\_NonEGU

FIPS	CNTY	NONATTAIN	NH	NOx	P25	SO2	FACNAME
	NAME		2017	2017	2017	2017	
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Kaydon Ring & Seal Inc.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.579	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.758	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.860	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	2.574	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.222	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	1.960	0.276	0.071	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.960	0.276	0.071	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.825	0.730	0.183	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.825	0.730	0.183	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	0.150	0.060	0.000	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	3.806	0.317	0.079	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	3.092	0.238	0.000	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	27.613	0.753	0.053	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.180	0.000	0.000	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	16.695	0.454	0.041	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	5.473	0.459	0.040	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	1.050	0.007	0.003	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	7.176	0.598	0.050	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.000	0.000	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.105	0.011	0.001	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.030	0.003	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.043	0.008	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	4.962	0.161	5.661	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Motiva Enterprises, LLC
24510	Baltimore City	Baltimore, MD	0.000	2.967	0.000	0.000	Motiva Enterprises, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.046	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.025	0.002	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing

## APP\_B-1\_NonEGU

FIPS	CNTY		NH	NOx	P25	SO2	FACNAME
	NAME	NONATTAIN	2017	2017	2017	2017	
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	5.068	0.782	7.234	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.026	0.005	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	5.380	0.826	7.678	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	1.895	0.289	2.703	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	5.026	0.000	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.316	0.019	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.002	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.002	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.717	0.397	0.032	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.230	0.054	0.021	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.265	0.306	0.024	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.215	0.288	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.005	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.169	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.005	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.277	0.029	0.004	Complementary Coatings Corp.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.087	0.000	Complementary Coatings Corp.
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Complementary Coatings Corp.
24510	Baltimore City	Baltimore, MD	0.000	5.579	0.421	0.032	Johns Hopkins Bayview Medical Center
24510	Baltimore City	Baltimore, MD	0.000	7.018	0.526	0.057	Johns Hopkins Bayview Medical Center
24510	Baltimore City	Baltimore, MD	0.000	6.477	0.493	0.057	Johns Hopkins Bayview Medical Center
24510	Baltimore City	Baltimore, MD	0.000	1.467	0.111	0.009	Johns Hopkins Bayview Medical Center
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Bayview Medical Center
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Bayview Medical Center
24510	Baltimore City	Baltimore, MD	0.000	0.008	0.001	0.000	Johns Hopkins Univ. - Madison St
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Univ. - Madison St
24510	Baltimore City	Baltimore, MD	0.000	0.081	0.000	0.000	Johns Hopkins Univ. - Madison St
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Univ. - Madison St
24510	Baltimore City	Baltimore, MD	0.000	0.081	0.000	0.000	Johns Hopkins Univ. - Madison St
24510	Baltimore City	Baltimore, MD	0.000	0.118	0.000	0.000	Johns Hopkins Univ. - Madison St
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Furst Brothers Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Furst Brothers Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Furst Brothers Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Furst Brothers Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Furst Brothers Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Automatic Rolls
24510	Baltimore City	Baltimore, MD	0.000	1.056	0.080	0.006	Automatic Rolls
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	P Q Corporation
24510	Baltimore City	Baltimore, MD	0.000	39.817	10.443	0.331	P Q Corporation
24510	Baltimore City	Baltimore, MD	0.000	378.505	1.465	99.634	Wheelabrator Baltimore, LP
24510	Baltimore City	Baltimore, MD	0.000	369.532	5.302	106.883	Wheelabrator Baltimore, LP
24510	Baltimore City	Baltimore, MD	0.000	439.631	2.968	115.991	Wheelabrator Baltimore, LP
24510	Baltimore City	Baltimore, MD	0.000	3.526	0.353	0.038	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	1.218	0.092	0.008	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	1.218	0.092	0.008	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	1.218	0.092	0.008	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.006	0.001	Tnemec Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Tnemec Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.011	0.000	Tnemec Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Tnemec Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Tnemec Company





## APP\_B-1\_NonEGU

FIPS	CNTY NAME	NONATTAIN	NH 2017	NOx 2017	P25 2017	SO2 2017	FACNAME
24510	Baltimore City	Baltimore, MD	0.000	12.344	0.914	4.115	BRC Leasing Company LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	BRC Leasing Company LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	BRC Leasing Company LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	BRC Leasing Company LLC
24510	Baltimore City	Baltimore, MD	0.000	4.502	12.374	0.245	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	4.502	12.374	0.245	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.308	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	9.787	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	9.787	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	9.787	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	9.787	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.060	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	16.337	2.506	0.272	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.270	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.931	0.055	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Atlantic Ethanol, LLC
24510	Baltimore City	Baltimore, MD	0.000	1611.600	24.000	550.000	Generic Source - Emission Offsets

Appendix B-2  
2017 Area Source Emissions

## APP\_B-2

FIPS	CNTY_NAME	NONATTAINMENT			SCC_DESCRIPTION	NH3	NOX	PM25	SO2
		AREA	SCC	2017		2017	2017	2017	
24003	Anne Arundel	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0072	2.6330	0.3447	18.1918	
24003	Anne Arundel	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.4646	36.6189	3.6033	0.3955	
24003	Anne Arundel	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0222	1.5289	0.1164	2.2078	
24003	Anne Arundel	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	1.1119	195.6883	0.2459	1.3578	
24003	Anne Arundel	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0204	5.3886	0.0000	0.0233	
24003	Anne Arundel	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0506	1.2616	0.1356	0.0132	
24003	Anne Arundel	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0409	0.1861	0.0785	1.2680	
24003	Anne Arundel	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	5.2543	94.5708	11.1924	1.1349	
24003	Anne Arundel	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	60.5671	284.6697	0.9681	1.8166	
24003	Anne Arundel	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1178	31.0885	0.0218	0.1342	
24003	Anne Arundel	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	8.1221	11.7319	106.4893	1.8049	
24003	Anne Arundel	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	7.3467	12.1005	132.2413	1.7286	
24003	Anne Arundel	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	1.8713	4.7406	40.7524	0.8317	
24003	Anne Arundel	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.6238	1.3861	14.1386	0.2772	
24003	Anne Arundel	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	4.5237	7.4508	81.4267	1.0644	
24003	Anne Arundel	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	1.1517	2.9177	25.0824	0.5119	
24003	Anne Arundel	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.3835	0.8521	8.6916	0.1704	
24003	Anne Arundel	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0820	1.0392	0.8368	0.0875	
24003	Anne Arundel	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	2.4675	2.5242	37.8357	2.7828	
24003	Anne Arundel	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.5414	0.5538	8.3010	0.6105	
24003	Anne Arundel	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	3.6367	13.4411	0.0000	
24003	Anne Arundel	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.3528	6.3526	0.7523	0.0735	
24003	Anne Arundel	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	169.2875	0.0000	
24003	Anne Arundel	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.5206	0.0000	
24003	Anne Arundel	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	17.5714	0.0000	
24003	Anne Arundel	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	114.9455	0.0000	
24003	Anne Arundel	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	22.8500	0.0000	
24003	Anne Arundel	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	1.9863	0.0000	
24003	Anne Arundel	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	3.5782	0.0000	
24003	Anne Arundel	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	56.5952	0.0000	
24003	Anne Arundel	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	27.0368	0.0000	
24003	Anne Arundel	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24003	Anne Arundel	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	

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NONATTAINMENT					NH3	NOX	PM25	SO2
FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24003	Anne Arundel	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000



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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2017	NOX 2017	PM25 2017	SO2 2017
		AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	8.9700	0.0000	1.2900
24003	Anne Arundel	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	1.7600	6.2400	0.2200
24003	Anne Arundel	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	1.3600	4.1400	0.4500
24003	Anne Arundel	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	4.8000	27.8100	0.8000
24003	Anne Arundel	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	11.8000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	12.3269	0.0000
24003	Anne Arundel	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	19.3314	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	17.8866	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.3381	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.3870	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	36.4343	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0044	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0028	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0218	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	1.6318	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	1.1002	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0004	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.8358	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	3.1473	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	1.3356	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.3518	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0079	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0052	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0141	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0024	0.0000	0.0000	0.0000

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NONATTAINMENT					NH3	NOX	PM25	SO2
FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24003	Anne Arundel	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0331	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0060	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0270	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0090	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0016	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0081	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0148	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0832	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0365	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	19.0426	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0241	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0594	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0040	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	1.2973	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	3.3457	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0807	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0499	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.1500	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.3868	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.1795	4.3720	0.0000
24005	Baltimore	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0215	7.8990	1.0341	54.5753
24005	Baltimore	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	2.5165	62.9096	6.1911	0.6795
24005	Baltimore	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0382	2.6195	0.2105	3.7902

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24005	Baltimore	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	2.3415	414.1552	0.5239	2.8761
24005	Baltimore	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0258	6.8106	0.0000	0.0294
24005	Baltimore	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0868	2.1704	0.2267	0.0226
24005	Baltimore	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.1598	0.7271	0.3068	4.9540
24005	Baltimore	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	8.8172	158.7098	18.7827	1.9045
24005	Baltimore	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	150.8476	708.9774	2.4118	4.5261
24005	Baltimore	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1453	38.3866	0.0319	0.1657
24005	Baltimore	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	13.1516	18.9968	172.4326	2.9226
24005	Baltimore	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	11.8976	19.5961	214.1577	2.7994
24005	Baltimore	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	3.0302	7.6766	65.9917	1.3468
24005	Baltimore	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	1.0101	2.2446	22.8951	0.4489
24005	Baltimore	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	7.3236	12.0624	131.8245	1.7232
24005	Baltimore	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	1.8650	4.7246	40.6148	0.8289
24005	Baltimore	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.6210	1.3799	14.0752	0.2760
24005	Baltimore	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.1321	1.6731	1.3473	0.1409
24005	Baltimore	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	2.4952	2.5525	38.2600	2.8140
24005	Baltimore	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.8612	0.8810	13.2048	0.9712
24005	Baltimore	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	5.9649	22.0463	0.0000
24005	Baltimore	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.5920	10.6564	1.2584	0.1233
24005	Baltimore	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	184.5134	0.0000
24005	Baltimore	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.2542	0.0000
24005	Baltimore	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	26.5507	0.0000
24005	Baltimore	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	171.5742	0.0000
24005	Baltimore	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	34.5590	0.0000
24005	Baltimore	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	2.9458	0.0000
24005	Baltimore	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	2.4207	0.0000
24005	Baltimore	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	230.6171	0.0000
24005	Baltimore	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	22.0835	0.0000
24005	Baltimore	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24005	Baltimore	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000

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NONATTAINMENT					NH3	NOX	PM25	SO2
FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24005	Baltimore	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	36.2400	0.0000	5.8100
24005	Baltimore	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	1.5406	5.4717	0.1912
24005	Baltimore	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	7.4053	22.5347	2.4543
24005	Baltimore	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	5.4398	31.5762	0.9031
24005	Baltimore	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	0.0205	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	36.5602	0.0000
24005	Baltimore	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	5.9348	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	11.0331	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0406	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.9063	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	18.8220	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	4.3733	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0399	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	1.4157	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	8.2110	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	3.7292	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0015	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	2.8299	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	11.7297	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	4.9458	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	3.7556	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0842	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0557	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.1494	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0253	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	2.1555	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.3914	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	1.7588	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24005	Baltimore	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	1.1293	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storage	0.2036	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	1.0156	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	15.7366	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.5819	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	1.6266	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.1534	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	7.0087	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	7.6699	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	15.3398	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.7366	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and storage	0.0344	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manure	0.4139	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	5.1045	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and storage	0.0796	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of manure	6.8104	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (see elsewhere)	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see elsewhere)	0.1174	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.1904	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0862	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classified	39.6720	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified)	0.6215	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified)	1.5340	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified)	0.1034	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	6.6252	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	14.5464	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecified)	2.0365	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecified)	1.2616	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified animals)	0.0209	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.0400	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100)	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.4371	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.2397	6.0348	0.0000
24013	Carroll	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Coal	0.0072	2.6330	0.3447	18.1918
24013	Carroll	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boilers	1.9196	47.9948	4.7214	0.5183
24013	Carroll	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Boilers	0.0291	1.9993	0.1614	2.8921
24013	Carroll	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.2459	44.1794	0.0535	0.3101
24013	Carroll	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /Total: Boilers	0.0189	4.9930	0.0000	0.0216
24013	Carroll	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combustion	0.0663	1.6572	0.1718	0.0173

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24013	Carroll	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.3011	1.3701	0.5781	9.3347
24013	Carroll	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	7.0635	127.1446	15.0406	1.5257
24013	Carroll	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	10.5219	49.4743	0.1674	0.3124
24013	Carroll	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1119	29.5462	0.0223	0.1275
24013	Carroll	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	2.6374	3.8095	34.5786	0.5861
24013	Carroll	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	2.3862	3.9303	42.9525	0.5615
24013	Carroll	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.6076	1.5391	13.2311	0.2700
24013	Carroll	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.2027	0.4505	4.5951	0.0901
24013	Carroll	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	1.4674	2.4168	26.4126	0.3453
24013	Carroll	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.3739	0.9472	8.1427	0.1662
24013	Carroll	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.1249	0.2775	2.8302	0.0555
24013	Carroll	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0249	0.3159	0.2544	0.0266
24013	Carroll	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.6941	0.7100	10.6430	0.7828
24013	Carroll	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.1704	0.1743	2.6132	0.1922
24013	Carroll	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	1.1330	4.1874	0.0000
24013	Carroll	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.4743	8.5358	1.0071	0.0988
24013	Carroll	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	81.7782	0.0000
24013	Carroll	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	4.2961	0.0000
24013	Carroll	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	5.7606	0.0000
24013	Carroll	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	40.6644	0.0000
24013	Carroll	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	9.9079	0.0000
24013	Carroll	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	0.2106	0.0000
24013	Carroll	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	0.9265	0.0000
24013	Carroll	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	37.8126	0.0000
24013	Carroll	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	8.4005	0.0000
24013	Carroll	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24013	Carroll	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000



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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24013	Carroll	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	0.5200	0.0000	0.1500
24013	Carroll	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	0.1004	0.3571	0.0112
24013	Carroll	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	0.0893	0.2678	0.0335
24013	Carroll	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	27.2600	92.6700	0.0000
24013	Carroll	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	0.6918	4.0280	0.1116
24013	Carroll	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	3.8941	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	93.7391	0.0000
24013	Carroll	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	591.5867	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	43.2733	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0330	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	30.2340	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	37.2807	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	8.6831	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	1.0073	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	1.7519	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	5.7260	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0023	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	4.3507	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	24.8611	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	17.8524	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	312.0864	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	14.0174	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	4.6284	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	15.8688	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	2.7770	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0173	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0032	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0141	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0100	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0018	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0090	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24013	Carroll	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	69.4260	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	2.9357	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	8.1989	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.7762	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	34.7791	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	38.2174	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	76.4347	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	3.7159	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.1732	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	2.0894	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	25.3901	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.3967	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	33.9857	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.1389	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.2050	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0629	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	39.0108	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	1.2272	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	3.0680	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.2050	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	11.8487	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	12.1661	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	4.0333	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	2.3010	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0360	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.1100	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.1646	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.0343	0.7537	0.0000
24025	Harford	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0072	2.6330	0.3447	18.1918
24025	Harford	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.6380	40.9490	4.0315	0.4423
24025	Harford	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0248	1.7107	0.1320	2.4644
24025	Harford	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.4704	82.7110	0.1069	0.5773
24025	Harford	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0294	7.7621	0.0107	0.0336
24025	Harford	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0566	1.4113	0.1453	0.0147
24025	Harford	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.4411	2.0069	0.8469	13.6736
24025	Harford	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	6.1686	111.0340	13.1352	1.3324
24025	Harford	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	29.4515	138.3957	0.4682	0.8793

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24025	Harford	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1781	47.0379	0.0343	0.2032
24025	Harford	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	3.8239	5.5234	50.1355	0.8498
24025	Harford	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	3.4598	5.6984	62.2757	0.8141
24025	Harford	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.8814	2.2329	19.1953	0.3917
24025	Harford	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.2936	0.6525	6.6551	0.1305
24025	Harford	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	2.1285	3.5057	38.3127	0.5008
24025	Harford	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.5428	1.3752	11.8216	0.2413
24025	Harford	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.1805	0.4011	4.0910	0.0802
24025	Harford	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0390	0.4944	0.3981	0.0416
24025	Harford	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.7229	0.7395	11.0849	0.8153
24025	Harford	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.2555	0.2613	3.9173	0.2881
24025	Harford	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	1.7206	6.3593	0.0000
24025	Harford	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.4142	7.4571	0.8810	0.0863
24025	Harford	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	109.5165	0.0000
24025	Harford	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	3.3771	0.0000
24025	Harford	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	7.0632	0.0000
24025	Harford	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	43.8723	0.0000
24025	Harford	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	8.5402	0.0000
24025	Harford	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	0.8391	0.0000
24025	Harford	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	2.7311	0.0000
24025	Harford	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	29.6914	0.0000
24025	Harford	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	24.3970	0.0000
24025	Harford	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24025	Harford	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	0.9500	0.0000	0.8900
24025	Harford	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	2.2497	8.0052	0.2741

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24025	Harford	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	0.3198	0.9707	0.1028
24025	Harford	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	39.7500	135.1600	0.0000
24025	Harford	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	0.0114	0.0571	0.0000
24025	Harford	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	6.5549	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	48.7222	0.0000
24025	Harford	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	132.7811	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	2.3115	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	1.3039	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	15.7507	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0132	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	4.5637	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	8.0005	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0032	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	6.0830	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	23.9354	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	10.4999	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.7115	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0160	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0106	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0286	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0048	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0036	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0007	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0030	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0405	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0073	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0364	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	29.8862	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	1.1637	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	3.2531	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24025	Harford	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.3081	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	13.7530	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	15.0754	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	30.1507	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	1.4679	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0688	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.8278	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	10.0767	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.1574	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	13.4885	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0116	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0030	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0132	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	38.3496	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	3.3986	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	8.3840	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.5647	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	13.4885	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	3.3192	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	11.1743	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	6.9162	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.1164	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.1056	0.0000	0.0000
24025	Harford	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.2297	0.0000	0.0000
24025	Harford	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.0674	1.5616	0.0000
24027	Howard	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0072	2.6330	0.3447	18.1918
24027	Howard	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	0.6235	15.5884	1.5394	0.1683
24027	Howard	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0094	0.6522	0.0498	0.9409
24027	Howard	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.7270	127.9925	0.1604	0.8874
24027	Howard	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0110	2.8974	0.0000	0.0125
24027	Howard	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0215	0.5346	0.0563	0.0056
24027	Howard	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	2.3927	43.0653	5.1002	0.5168
24027	Howard	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	41.7737	196.3246	0.6633	1.2567
24027	Howard	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.0677	17.8847	0.0116	0.0773
24027	Howard	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	4.1583	6.0064	54.5200	0.9241
24027	Howard	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	3.7617	6.1957	67.7100	0.8851

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24027	Howard	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.9582	2.4275	20.8684	0.4259
24027	Howard	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.3192	0.7094	7.2357	0.1419
24027	Howard	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	2.3150	3.8130	41.6707	0.5447
24027	Howard	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.5895	1.4934	12.8379	0.2620
24027	Howard	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.1963	0.4361	4.4486	0.0872
24027	Howard	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0428	0.5425	0.4368	0.0457
24027	Howard	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.5610	0.5739	8.6021	0.6327
24027	Howard	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.2784	0.2848	4.2692	0.3140
24027	Howard	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	1.9037	7.0360	0.0000
24027	Howard	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.1607	2.8974	0.3369	0.0335
24027	Howard	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	71.3379	0.0000
24027	Howard	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.0797	0.0000
24027	Howard	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	7.8204	0.0000
24027	Howard	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	48.6541	0.0000
24027	Howard	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	9.8281	0.0000
24027	Howard	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	0.8894	0.0000
24027	Howard	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	2.0473	0.0000
24027	Howard	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	36.3586	0.0000
24027	Howard	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	18.5392	0.0000
24027	Howard	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24027	Howard	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	0.7680	2.7345	0.0931
24027	Howard	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	3.0254	9.2158	1.0007
24027	Howard	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	2.7810	16.1393	0.4654



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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24027	Howard	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	8.0406	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	7.5104	0.0000
24027	Howard	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	0.4818	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	1.8561	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	14.3101	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.5940	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	0.1206	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	1.1624	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0005	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.8834	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	5.4351	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	4.8532	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.3399	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0076	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0050	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0135	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0023	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0041	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0007	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0033	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	6.7971	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	1.2232	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	6.1095	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	5.4351	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.2645	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.7392	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0700	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	3.1209	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	3.4118	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24027	Howard	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	6.8368	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.3200	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0149	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.1798	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	2.2878	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0356	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	3.0415	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0270	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.6625	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0030	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	19.3070	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0721	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.1785	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0120	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	4.6548	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	2.8961	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.2314	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.1428	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0023	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.0352	0.0000	0.0000
24027	Howard	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.3249	0.0000	0.0000
24027	Howard	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.0667	1.5675	0.0000
24510	Baltimore City	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0072	2.6330	0.3447	18.1918
24510	Baltimore City	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.7483	43.7074	4.3059	0.4720
24510	Baltimore City	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0265	1.8176	0.1459	2.6301
24510	Baltimore City	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	2.2987	406.3426	0.5132	2.8226
24510	Baltimore City	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0090	2.3842	0.0000	0.0103
24510	Baltimore City	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combus	0.0603	1.5075	0.1622	0.0157
24510	Baltimore City	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0424	0.1928	0.0814	1.3138
24510	Baltimore City	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	6.1672	111.0081	13.1408	1.3321
24510	Baltimore City	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	154.2646	725.0608	2.4709	4.6316
24510	Baltimore City	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.0512	13.5203	0.0107	0.0584
24510	Baltimore City	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	10.6834	15.4316	140.0711	2.3741
24510	Baltimore City	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	9.6642	15.9175	173.9560	2.2739
24510	Baltimore City	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	2.4614	6.2356	53.6039	1.0940
24510	Baltimore City	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.8205	1.8233	18.5973	0.3647
24510	Baltimore City	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	5.9484	9.7974	107.0719	1.3996

FIPS	CNTY_NAME	NONATTAINMENT			SCC_DESCRIPTION	NH3	NOX	PM25	SO2
		AREA	SCC	2017		2017	2017	2017	
24510	Baltimore City	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	1.5146	3.8371	32.9853	0.6732	
24510	Baltimore City	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.5044	1.1209	11.4328	0.2242	
24510	Baltimore City	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.1061	1.3436	1.0819	0.1131	
24510	Baltimore City	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.1303	0.1333	1.9977	0.1469	
24510	Baltimore City	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.7514	0.7687	11.5215	0.8474	
24510	Baltimore City	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	4.4833	16.5702	0.0000	
24510	Baltimore City	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.4141	7.4554	0.8806	0.0863	
24510	Baltimore City	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	79.5452	0.0000	
24510	Baltimore City	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.3966	0.0000	
24510	Baltimore City	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	17.5988	0.0000	
24510	Baltimore City	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	102.2820	0.0000	
24510	Baltimore City	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	20.1221	0.0000	
24510	Baltimore City	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	2.0923	0.0000	
24510	Baltimore City	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	0.6391	0.0000	
24510	Baltimore City	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	98.9079	0.0000	
24510	Baltimore City	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	9.7780	0.0000	
24510	Baltimore City	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	

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FIPS	CNTY_NAME	NONATTAINMENT			SCC_DESCRIPTION	NH3	NOX	PM25	SO2
		AREA	SCC	2017		2017	2017	2017	
24510	Baltimore City	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	1.0100	0.0000	19.6000	
24510	Baltimore City	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000	

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FIPS	CNTY_NAME	NONATTAINMENT			NH3	NOX	PM25	SO2
		AREA	SCC	SCC_DESCRIPTION	2017	2017	2017	2017
24510	Baltimore City	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	0.0100	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	1.6447	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0165	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	8.0270	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	0.0695	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0000	0.0000	0.0000	0.0000

FIPS	CNTY_NAME	NONATTAINMENT			SCC_DESCRIPTION	NH3	NOX	PM25	SO2
		AREA	SCC	2017		2017	2017	2017	
24510	Baltimore City	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	1.7716	0.0000	0.0000	
24510	Baltimore City	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.3680	9.1279	0.0000	

Appendix B-3  
2017 On-Road Mobile Source Emissions

**(Based on the SHA-PPSuite-MOVES Process)**

<b>County</b>	<b>VMT</b>	<b>NO<sub>x</sub></b>	<b>Total PM<sub>2.5</sub></b>	<b>SO<sub>2</sub></b>	<b>NH<sub>3</sub></b>
Anne Arundel	6,983,411,737	5,760.52	233.55	55.49	187.93
Baltimore	9,699,195,900	7,990.63	323.09	75.02	254.21
Carroll	1,565,683,241	1,368.18	53.99	12.42	40.21
Harford	2,843,996,638	2,378.05	89.8	21.46	73.99
Howard	5,140,681,964	4,105.58	164.26	39.99	140.6
Baltimore City	4,024,005,110	3,307.04	145.62	32.47	103.49

<b>Baltimore N/A Area</b>	<b>30,256,974,590</b>	<b>24,910.01</b>	<b>1,010.31</b>	<b>236.87</b>	<b>800.43</b>
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BNAABudget	29,892.01	1,218.60			
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## Notes:

1. Emission Estimates are in short tons per year.
2. VMT estimates are in million miles per year.
3. Washington area estimates are being developed by MWCOG.
4. Totals may not add due to rounding errors.



Appendix B-4  
2017 Off-Road Mobile Source Emissions

## APP\_B-4\_MAR

State	FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	NH3	NOX	P25	SO2
						2017	2017	2017	2017
MD	24003	Anne Arundel	Baltimore, MD	2265008005	Airport Ground Support Equipment, 4-Stroke Gasoline	0.000	34.515	0.982	1.825
MD	24003	Anne Arundel	Baltimore, MD	2267008005	Airport Ground Support Equipment, LPG	0.000	9.531	0.271	0.504
MD	24003	Anne Arundel	Baltimore, MD	2268008005	Airport Ground Support Equipment, CNG	0.000	2.681	0.076	0.142
MD	24003	Anne Arundel	Baltimore, MD	2270008005	Airport Ground Support Equipment, Diesel	0.000	164.105	4.668	8.679
MD	24003	Anne Arundel	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	5.804	0.000	0.687
MD	24003	Anne Arundel	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	1118.222	0.000	131.896
MD	24003	Anne Arundel	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	68.187	0.000	9.028
MD	24003	Anne Arundel	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	13.503	0.000	1.592
MD	24003	Anne Arundel	Baltimore, MD	2275070000	Aircraft /Aircraft Auxiliary Power Units /Total	0.000	40.988	6.899	6.536
MD	24003	Anne Arundel	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	0.154	277.448	8.204	1.941
MD	24003	Anne Arundel	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.698	629.477	18.614	4.404
MD	24003	Anne Arundel	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.082	162.290	2.912	14.106
MD	24003	Anne Arundel	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	42.221	1.047	0.003
MD	24003	Anne Arundel	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24003	Anne Arundel	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24003	Anne Arundel	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	25.376	0.847	0.002
MD	24003	Anne Arundel	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	21.137	0.449	0.001
MD	24005	Baltimore	Baltimore, MD	2265008005	Airport Ground Support Equipment, 4-Stroke Gasoline	0.000	4.138	0.091	0.157
MD	24005	Baltimore	Baltimore, MD	2267008005	Airport Ground Support Equipment, LPG	0.000	1.143	0.025	0.043
MD	24005	Baltimore	Baltimore, MD	2268008005	Airport Ground Support Equipment, CNG	0.000	0.321	0.007	0.012
MD	24005	Baltimore	Baltimore, MD	2270008005	Airport Ground Support Equipment, Diesel	0.000	19.675	0.435	0.748
MD	24005	Baltimore	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	1.716	0.000	0.682
MD	24005	Baltimore	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	1.126	0.000	0.447
MD	24005	Baltimore	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	13.496	0.000	6.019
MD	24005	Baltimore	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	3.315	0.000	1.317
MD	24005	Baltimore	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	0.753	1357.862	40.153	9.501
MD	24005	Baltimore	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.240	216.897	6.414	1.518
MD	24005	Baltimore	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.007	16.140	0.269	1.281
MD	24005	Baltimore	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	227.735	5.640	0.015
MD	24005	Baltimore	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	2.218	0.064	0.000
MD	24005	Baltimore	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24005	Baltimore	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	23.885	0.798	0.002
MD	24005	Baltimore	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	88.031	1.885	0.003
MD	24013	Carroll	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	0.206	0.000	0.032
MD	24013	Carroll	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	3.249	0.000	4.998
MD	24013	Carroll	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.020	0.000	0.002
MD	24013	Carroll	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	95.905	2.377	0.006
MD	24013	Carroll	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	28.556	0.821	0.001
MD	24013	Carroll	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	54.289	0.000	6.841
MD	24025	Harford	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	0.509	0.000	0.784
MD	24025	Harford	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.031	28.125	0.832	0.197
MD	24025	Harford	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.007	16.140	0.269	1.281

## APP\_B-4\_MAR

State	FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	NH3	NOX	P25	SO2
						2017	2017	2017	2017
MD	24025	Harford	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	88.392	2.189	0.006
MD	24025	Harford	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	29.855	0.996	0.003
MD	24025	Harford	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	0.017	0.000	0.027
MD	24027	Howard	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	177.253	4.393	0.012
MD	24027	Howard	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	14.927	0.496	0.001
MD	24027	Howard	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	2.324	4192.724	123.981	29.335
MD	24510	Baltimore City	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	1.106	997.726	29.503	6.981
MD	24510	Baltimore City	Baltimore, MD	2280003100	Marine Vessels, Commercial /Residual /Port emissions	0.756	775.044	14.449	86.023
MD	24510	Baltimore City	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	131.128	3.250	0.009
MD	24510	Baltimore City	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	192.832	4.124	0.007

## APP\_B-4\_NMIM

FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24003	Anne Arundel	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.015	1.295	4.094	0.010
24003	Anne Arundel	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.016	1.880	2.778	0.013
24003	Anne Arundel	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.003	0.478	0.026	0.003
24003	Anne Arundel	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.147	0.838	0.001
24003	Anne Arundel	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.010	0.030	0.000
24003	Anne Arundel	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.012	0.036	0.000
24003	Anne Arundel	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.003	0.387	2.184	0.002
24003	Anne Arundel	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.002	0.007	0.000
24003	Anne Arundel	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.049	0.142	0.000
24003	Anne Arundel	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.002	0.365	1.065	0.002
24003	Anne Arundel	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.004	0.673	1.951	0.004
24003	Anne Arundel	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.030	4.038	21.928	0.025
24003	Anne Arundel	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.006	0.944	2.816	0.006
24003	Anne Arundel	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.024	3.545	11.449	0.022
24003	Anne Arundel	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.004	0.603	1.763	0.004
24003	Anne Arundel	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.023	3.287	13.018	0.020
24003	Anne Arundel	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.002	0.198	0.616	0.002
24003	Anne Arundel	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.010	0.778	2.421	0.007
24003	Anne Arundel	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.002	0.004	0.000
24003	Anne Arundel	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.001	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.088	0.264	0.001
24003	Anne Arundel	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.004	0.600	1.953	0.004
24003	Anne Arundel	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.004	0.011	0.000
24003	Anne Arundel	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.046	0.277	0.000
24003	Anne Arundel	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.005	0.894	0.101	0.005
24003	Anne Arundel	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.051	7.260	0.998	0.052
24003	Anne Arundel	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.011	1.602	0.096	0.011
24003	Anne Arundel	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.003	0.803	0.021	0.003
24003	Anne Arundel	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.001	0.132	0.007	0.001
24003	Anne Arundel	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.002	0.232	0.021	0.002
24003	Anne Arundel	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.217	0.012	0.001
24003	Anne Arundel	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.003	0.464	0.029	0.003
24003	Anne Arundel	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.184	0.013	0.001
24003	Anne Arundel	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.010	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.002	0.415	0.026	0.003
24003	Anne Arundel	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.001	0.222	0.012	0.001
24003	Anne Arundel	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.005	0.809	0.046	0.005
24003	Anne Arundel	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.003	0.463	0.026	0.003
24003	Anne Arundel	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.075	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.057	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.073	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.001	0.113	0.005	0.001

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24003	Anne Arundel	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Tractors/Loaders/B	0.002	0.258	0.014	0.002
24003	Anne Arundel	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Skid Steer Loaders	0.001	0.325	0.008	0.001
24003	Anne Arundel	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Dumpers/Tenders	0.000	0.081	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Other Construction	0.000	0.129	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equip /Aerial Lifts	0.001	0.443	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equip /Forklifts	0.002	0.392	0.013	0.002
24003	Anne Arundel	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equip /Sweepers/Scrubbers	0.000	0.076	0.004	0.000
24003	Anne Arundel	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other General Industrial Equi	0.001	0.145	0.014	0.001
24003	Anne Arundel	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other Material H&ling Equip	0.000	0.023	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equip /AC\Refrigeration	0.000	0.005	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equip /Terminal Tractors	0.000	0.025	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Residential)	0.051	7.815	0.902	0.052
24003	Anne Arundel	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Commercial)	0.062	8.966	1.141	0.063
24003	Anne Arundel	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Res	0.004	0.655	0.076	0.004
24003	Anne Arundel	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Com	0.032	4.650	0.556	0.032
24003	Anne Arundel	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.000	0.041	0.005	0.000
24003	Anne Arundel	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.001	0.206	0.020	0.001
24003	Anne Arundel	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Resid	0.001	0.079	0.009	0.001
24003	Anne Arundel	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Comme	0.059	9.251	0.479	0.060
24003	Anne Arundel	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Residential)	0.005	1.383	0.031	0.006
24003	Anne Arundel	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Commercial)	0.021	5.434	0.123	0.023
24003	Anne Arundel	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.010	1.587	0.075	0.010
24003	Anne Arundel	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.007	0.971	0.053	0.007
24003	Anne Arundel	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Front Mowers (Commercial)	0.008	1.492	0.057	0.008
24003	Anne Arundel	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Shredders < 6 HP (Commerci	0.004	0.544	0.064	0.004
24003	Anne Arundel	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Re	0.135	21.227	1.006	0.138
24003	Anne Arundel	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Co	0.093	13.199	0.723	0.095
24003	Anne Arundel	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Chippers/Stump Grinders (C	0.015	2.216	0.120	0.016
24003	Anne Arundel	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Turf Equip (Commercial)	0.299	42.346	2.890	0.305
24003	Anne Arundel	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.005	0.870	0.062	0.005
24003	Anne Arundel	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.009	1.680	0.119	0.009
24003	Anne Arundel	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equip /2-Wheel Tractors	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Tractors	0.000	0.007	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Combines	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Balers	0.000	0.020	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Mowers	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Sprayers	0.000	0.033	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Tillers : 6 HP	0.000	0.057	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Swathers	0.000	0.032	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Other Agricultural Equip	0.000	0.037	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Irrigation Sets	0.000	0.010	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equip /Generator Sets	0.108	19.069	0.920	0.112
24003	Anne Arundel	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equip /Pumps	0.027	4.838	0.334	0.028
24003	Anne Arundel	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equip /Air Compressors	0.014	2.435	0.157	0.015
24003	Anne Arundel	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equip /Welders	0.031	5.002	0.255	0.032
24003	Anne Arundel	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equip /Pressure Washers	0.049	7.636	0.573	0.050
24003	Anne Arundel	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equip /Hydro-power Units	0.002	0.355	0.023	0.002
24003	Anne Arundel	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equip /Shredders : 6 HP	0.001	0.136	0.005	0.001

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24003	Anne Arundel	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.147	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.034	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.038	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.019	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.006	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.108	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.124	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.059	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.076	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.011	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.077	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.120	0.006	0.001
24003	Anne Arundel	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.011	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.259	0.005	0.001
24003	Anne Arundel	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.133	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	1.110	0.018	0.003
24003	Anne Arundel	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	33.330	1.687	0.314
24003	Anne Arundel	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.227	0.013	0.002
24003	Anne Arundel	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.072	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.048	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.127	0.008	0.001
24003	Anne Arundel	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.753	0.041	0.008
24003	Anne Arundel	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	8.653	0.104	0.021
24003	Anne Arundel	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	1.181	0.024	0.005
24003	Anne Arundel	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.768	0.030	0.006
24003	Anne Arundel	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.989	0.037	0.007
24003	Anne Arundel	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.027	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.011	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.005	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	2.392	0.116	0.021
24003	Anne Arundel	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.003	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC/Refrigeration	0.000	0.009	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.009	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	2.632	0.027	0.005
24003	Anne Arundel	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.093	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.057	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.267	0.078	0.013
24003	Anne Arundel	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.002	2.241	0.273	0.002
24003	Anne Arundel	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.016	6.792	0.491	0.011

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24003	Anne Arundel	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.026	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.417	0.035	0.000
24003	Anne Arundel	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.040	19.140	1.505	0.028
24003	Anne Arundel	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.044	18.654	1.084	0.031
24003	Anne Arundel	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.002	1.328	0.104	0.002
24003	Anne Arundel	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.002	1.123	0.073	0.001
24003	Anne Arundel	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.004	4.048	0.275	0.004
24003	Anne Arundel	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.019	12.649	0.851	0.014
24003	Anne Arundel	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.017	15.074	0.797	0.012
24003	Anne Arundel	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.164	50.871	3.335	0.107
24003	Anne Arundel	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.001	0.911	0.065	0.001
24003	Anne Arundel	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.001	0.627	0.045	0.001
24003	Anne Arundel	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.037	18.350	0.838	0.026
24003	Anne Arundel	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.041	12.745	0.863	0.027
24003	Anne Arundel	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.140	65.429	2.220	0.089
24003	Anne Arundel	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.007	3.914	0.183	0.005
24003	Anne Arundel	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.053	26.635	2.495	0.037
24003	Anne Arundel	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.179	91.551	5.589	0.126
24003	Anne Arundel	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.109	78.056	11.068	0.081
24003	Anne Arundel	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.163	69.734	4.253	0.112
24003	Anne Arundel	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.075	63.589	9.535	0.057
24003	Anne Arundel	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.018	11.355	0.524	0.012
24003	Anne Arundel	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.207	0.031	0.000
24003	Anne Arundel	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.017	10.990	0.654	0.012
24003	Anne Arundel	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.002	2.261	0.310	0.002
24003	Anne Arundel	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.035	10.191	0.330	0.022
24003	Anne Arundel	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.015	6.047	0.357	0.010
24003	Anne Arundel	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.016	7.996	0.481	0.011
24003	Anne Arundel	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.001	0.538	0.056	0.000
24003	Anne Arundel	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.081	54.647	2.224	0.056
24003	Anne Arundel	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.022	5.226	0.287	0.014
24003	Anne Arundel	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.006	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	1.105	0.049	0.001
24003	Anne Arundel	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.036	32.296	2.162	0.028
24003	Anne Arundel	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.007	6.875	0.505	0.006
24003	Anne Arundel	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.049	39.660	2.511	0.037
24003	Anne Arundel	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.006	3.247	0.171	0.004
24003	Anne Arundel	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.127	0.010	0.000
24003	Anne Arundel	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.023	16.607	1.217	0.017
24003	Anne Arundel	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.002	1.838	0.139	0.002
24003	Anne Arundel	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.010	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.149	0.011	0.000
24003	Anne Arundel	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.142	0.015	0.000
24003	Anne Arundel	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.000	0.358	0.029	0.000
24003	Anne Arundel	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.201	0.013	0.000

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24003	Anne Arundel	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.051	46.233	3.280	0.039
24003	Anne Arundel	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.012	10.809	0.816	0.009
24003	Anne Arundel	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.034	20.539	1.299	0.024
24003	Anne Arundel	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.017	14.625	1.986	0.013
24003	Anne Arundel	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.002	1.547	0.094	0.001
24003	Anne Arundel	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	0.941	0.060	0.001
24003	Anne Arundel	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.005	1.140	0.065	0.003
24003	Anne Arundel	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.109	45.734	3.672	0.102
24003	Anne Arundel	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.044	20.236	0.710	0.043
24003	Anne Arundel	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.081	51.963	0.456	0.082
24003	Anne Arundel	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.047	56.181	1.193	0.173
24003	Anne Arundel	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.131	0.012	0.001
24003	Anne Arundel	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	1.125	0.125	0.001
24003	Anne Arundel	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.015	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.007	0.648	2.047	0.005
24005	Baltimore	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.008	0.940	1.389	0.006
24005	Baltimore	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.239	0.013	0.001
24005	Baltimore	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.003	0.341	1.941	0.002
24005	Baltimore	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.023	0.069	0.000
24005	Baltimore	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.027	0.083	0.000
24005	Baltimore	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.001	0.000
24005	Baltimore	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.007	0.897	5.059	0.006
24005	Baltimore	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.005	0.017	0.000
24005	Baltimore	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.002	0.005	0.000
24005	Baltimore	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.070	0.202	0.000
24005	Baltimore	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.003	0.439	1.280	0.003
24005	Baltimore	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.006	0.958	2.775	0.006
24005	Baltimore	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.036	4.854	26.358	0.030
24005	Baltimore	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.009	1.342	4.004	0.008
24005	Baltimore	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.029	4.261	13.761	0.026
24005	Baltimore	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.006	0.858	2.507	0.005
24005	Baltimore	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.028	3.950	15.647	0.024
24005	Baltimore	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.004	0.328	1.021	0.003
24005	Baltimore	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.012	0.935	2.910	0.008
24005	Baltimore	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.002	0.005	0.000
24005	Baltimore	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.002	0.005	0.000
24005	Baltimore	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.135	0.404	0.001
24005	Baltimore	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.006	0.918	2.987	0.006
24005	Baltimore	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24005	Baltimore	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.006	0.017	0.000
24005	Baltimore	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.026	0.154	0.000



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24005	Baltimore	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.002	0.447	0.050	0.002
24005	Baltimore	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.026	3.632	0.499	0.026
24005	Baltimore	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.022	3.383	0.202	0.023
24005	Baltimore	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.402	0.010	0.001
24005	Baltimore	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.002	0.305	0.016	0.002
24005	Baltimore	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.002	0.000	0.000
24005	Baltimore	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.003	0.537	0.050	0.004
24005	Baltimore	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.003	0.504	0.027	0.003
24005	Baltimore	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.007	1.077	0.066	0.007
24005	Baltimore	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.003	0.427	0.029	0.003
24005	Baltimore	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.022	0.002	0.000
24005	Baltimore	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.006	0.962	0.060	0.006
24005	Baltimore	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.002	0.515	0.029	0.002
24005	Baltimore	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.012	1.875	0.106	0.012
24005	Baltimore	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.006	1.074	0.059	0.006
24005	Baltimore	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.174	0.003	0.000
24005	Baltimore	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.001	0.133	0.008	0.001
24005	Baltimore	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.001	0.170	0.005	0.001
24005	Baltimore	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.002	0.263	0.011	0.002
24005	Baltimore	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.004	0.598	0.032	0.004
24005	Baltimore	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.003	0.753	0.019	0.003
24005	Baltimore	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.001	0.187	0.008	0.001
24005	Baltimore	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.001	0.300	0.004	0.001
24005	Baltimore	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.001	0.811	0.008	0.001
24005	Baltimore	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.003	0.718	0.023	0.003
24005	Baltimore	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.001	0.140	0.007	0.001
24005	Baltimore	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.002	0.265	0.025	0.002
24005	Baltimore	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.042	0.001	0.000
24005	Baltimore	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.007	0.000	0.000
24005	Baltimore	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.047	0.002	0.000
24005	Baltimore	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.073	11.120	1.283	0.074
24005	Baltimore	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.075	10.781	1.371	0.076
24005	Baltimore	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.006	0.932	0.108	0.006
24005	Baltimore	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.038	5.591	0.668	0.039
24005	Baltimore	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.059	0.007	0.000
24005	Baltimore	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.002	0.248	0.024	0.002
24005	Baltimore	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.112	0.013	0.001
24005	Baltimore	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.071	11.124	0.575	0.072
24005	Baltimore	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.009	2.298	0.052	0.010
24005	Baltimore	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.025	6.552	0.148	0.027
24005	Baltimore	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.014	2.258	0.107	0.015
24005	Baltimore	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.008	1.168	0.064	0.008
24005	Baltimore	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.009	1.795	0.068	0.009
24005	Baltimore	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.004	0.654	0.077	0.004
24005	Baltimore	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.193	30.202	1.431	0.196
24005	Baltimore	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.112	15.872	0.869	0.114
24005	Baltimore	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.019	2.665	0.145	0.019
24005	Baltimore	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.360	50.921	3.474	0.367

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24005	Baltimore	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.007	1.237	0.089	0.007
24005	Baltimore	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.011	2.020	0.143	0.011
24005	Baltimore	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.003	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.015	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.041	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.003	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.067	0.002	0.000
24005	Baltimore	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.117	0.003	0.000
24005	Baltimore	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.065	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.076	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.021	0.001	0.000
24005	Baltimore	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.165	29.207	1.408	0.172
24005	Baltimore	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.041	7.410	0.511	0.043
24005	Baltimore	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.022	3.730	0.241	0.023
24005	Baltimore	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.047	7.661	0.390	0.049
24005	Baltimore	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.074	11.696	0.876	0.077
24005	Baltimore	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.003	0.544	0.035	0.004
24005	Baltimore	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.076	0.003	0.000
24005	Baltimore	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.044	0.003	0.000
24005	Baltimore	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.073	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.079	0.003	0.001
24005	Baltimore	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.088	0.005	0.001
24005	Baltimore	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.044	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.013	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.250	0.009	0.002
24005	Baltimore	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.288	0.003	0.001
24005	Baltimore	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.138	0.009	0.002
24005	Baltimore	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.177	0.003	0.001
24005	Baltimore	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.026	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.179	0.006	0.001
24005	Baltimore	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.277	0.014	0.003
24005	Baltimore	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.025	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.600	0.011	0.002
24005	Baltimore	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.309	0.005	0.001
24005	Baltimore	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	2.032	0.032	0.006
24005	Baltimore	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	60.996	3.087	0.575
24005	Baltimore	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.415	0.024	0.004
24005	Baltimore	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.132	0.007	0.001
24005	Baltimore	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.088	0.002	0.000
24005	Baltimore	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.232	0.015	0.003
24005	Baltimore	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.905	0.049	0.009
24005	Baltimore	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	13.235	0.159	0.033
24005	Baltimore	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	1.807	0.037	0.007
24005	Baltimore	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	1.175	0.045	0.009

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2017	2017	2017	2017
24005	Baltimore	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	1.513	0.056	0.011
24005	Baltimore	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.041	0.001	0.000
24005	Baltimore	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.017	0.001	0.000
24005	Baltimore	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.012	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	4.377	0.212	0.039
24005	Baltimore	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.005	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.003	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.013	0.001	0.000
24005	Baltimore	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.017	0.001	0.000
24005	Baltimore	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	4.026	0.042	0.008
24005	Baltimore	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.143	0.002	0.000
24005	Baltimore	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.087	0.003	0.001
24005	Baltimore	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.938	0.119	0.020
24005	Baltimore	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.029	0.002	0.000
24005	Baltimore	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.001	1.120	0.137	0.001
24005	Baltimore	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.037	15.733	1.138	0.026
24005	Baltimore	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.059	0.005	0.000
24005	Baltimore	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.001	0.966	0.082	0.001
24005	Baltimore	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.094	44.333	3.486	0.066
24005	Baltimore	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.102	43.209	2.512	0.071
24005	Baltimore	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.006	3.076	0.242	0.004
24005	Baltimore	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.003	2.600	0.169	0.003
24005	Baltimore	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.010	9.376	0.637	0.008
24005	Baltimore	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.044	29.298	1.971	0.032
24005	Baltimore	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.038	34.916	1.846	0.029
24005	Baltimore	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.380	117.830	7.724	0.249
24005	Baltimore	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.003	2.111	0.150	0.002
24005	Baltimore	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.001	1.452	0.105	0.001
24005	Baltimore	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.087	42.505	1.940	0.061
24005	Baltimore	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.095	29.522	1.998	0.063
24005	Baltimore	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.325	151.560	5.142	0.206
24005	Baltimore	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.015	9.066	0.425	0.011
24005	Baltimore	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.122	61.695	5.779	0.087
24005	Baltimore	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.414	212.060	12.947	0.292
24005	Baltimore	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.252	180.800	25.637	0.189
24005	Baltimore	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.378	161.530	9.851	0.259
24005	Baltimore	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.173	147.290	22.087	0.132
24005	Baltimore	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.041	26.301	1.215	0.029
24005	Baltimore	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.001	0.481	0.071	0.000
24005	Baltimore	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.039	25.455	1.514	0.029
24005	Baltimore	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.004	4.137	0.567	0.003
24005	Baltimore	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.065	18.650	0.605	0.040
24005	Baltimore	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.028	11.066	0.653	0.019
24005	Baltimore	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.029	14.633	0.881	0.020
24005	Baltimore	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.001	0.985	0.102	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24005	Baltimore	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.124	84.119	3.423	0.086
24005	Baltimore	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.041	9.564	0.526	0.026
24005	Baltimore	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.007	0.001	0.000
24005	Baltimore	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.002	1.328	0.059	0.001
24005	Baltimore	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.043	38.820	2.599	0.033
24005	Baltimore	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.009	8.264	0.607	0.007
24005	Baltimore	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.059	47.672	3.018	0.044
24005	Baltimore	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.007	3.903	0.206	0.005
24005	Baltimore	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.152	0.012	0.000
24005	Baltimore	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.047	33.974	2.490	0.035
24005	Baltimore	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.004	3.760	0.283	0.003
24005	Baltimore	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.021	0.002	0.000
24005	Baltimore	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.004	0.000	0.000
24005	Baltimore	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.305	0.023	0.000
24005	Baltimore	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.291	0.030	0.000
24005	Baltimore	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	0.732	0.059	0.001
24005	Baltimore	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.001	0.412	0.027	0.001
24005	Baltimore	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.079	70.718	5.017	0.060
24005	Baltimore	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.019	16.533	1.248	0.014
24005	Baltimore	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.051	31.417	1.986	0.037
24005	Baltimore	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.026	22.370	3.038	0.020
24005	Baltimore	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.003	2.366	0.144	0.002
24005	Baltimore	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.002	1.439	0.091	0.002
24005	Baltimore	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.003	0.635	0.036	0.002
24005	Baltimore	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.373	0.014	0.000
24005	Baltimore	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.084	35.208	2.827	0.079
24005	Baltimore	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.034	15.578	0.547	0.033
24005	Baltimore	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.046	29.752	0.261	0.047
24005	Baltimore	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.027	32.178	0.683	0.099
24005	Baltimore	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.101	0.009	0.000
24005	Baltimore	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.003	2.172	0.241	0.002
24005	Baltimore	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.028	0.002	0.000
24005	Baltimore	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.007	0.648	2.047	0.005
24013	Carroll	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.008	0.940	1.389	0.006
24013	Carroll	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.239	0.013	0.001
24013	Carroll	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.043	0.246	0.000
24013	Carroll	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.003	0.009	0.000
24013	Carroll	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.003	0.010	0.000
24013	Carroll	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.001	0.114	0.642	0.001
24013	Carroll	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.002	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24013	Carroll	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.001	0.000
24013	Carroll	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.016	0.047	0.000
24013	Carroll	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.001	0.138	0.403	0.001
24013	Carroll	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.001	0.223	0.647	0.001
24013	Carroll	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.011	1.530	8.310	0.010
24013	Carroll	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.002	0.313	0.933	0.002
24013	Carroll	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.009	1.343	4.339	0.008
24013	Carroll	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.200	0.584	0.001
24013	Carroll	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.009	1.246	4.933	0.008
24013	Carroll	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.059	0.182	0.001
24013	Carroll	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.004	0.295	0.917	0.003
24013	Carroll	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.001	0.002	0.000
24013	Carroll	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.004	0.013	0.000
24013	Carroll	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.022	0.067	0.000
24013	Carroll	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.001	0.151	0.492	0.001
24013	Carroll	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.001	0.003	0.000
24013	Carroll	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.019	0.116	0.000
24013	Carroll	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.002	0.453	0.050	0.002
24013	Carroll	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.026	3.678	0.499	0.026
24013	Carroll	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.008	1.262	0.074	0.008
24013	Carroll	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.407	0.010	0.001
24013	Carroll	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.039	0.002	0.000
24013	Carroll	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.069	0.006	0.000
24013	Carroll	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.000	0.065	0.003	0.000
24013	Carroll	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.001	0.138	0.008	0.001
24013	Carroll	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.000	0.055	0.004	0.000
24013	Carroll	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.001	0.124	0.008	0.001
24013	Carroll	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.066	0.004	0.000
24013	Carroll	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.002	0.241	0.013	0.002
24013	Carroll	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.001	0.138	0.008	0.001
24013	Carroll	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.022	0.000	0.000
24013	Carroll	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.017	0.001	0.000
24013	Carroll	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.022	0.001	0.000
24013	Carroll	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.034	0.001	0.000
24013	Carroll	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.001	0.077	0.004	0.001
24013	Carroll	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.097	0.002	0.000
24013	Carroll	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.024	0.001	0.000
24013	Carroll	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.039	0.001	0.000
24013	Carroll	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.000	0.115	0.001	0.000
24013	Carroll	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.000	0.101	0.003	0.000
24013	Carroll	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.020	0.001	0.000
24013	Carroll	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.037	0.003	0.000
24013	Carroll	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.006	0.000	0.000
24013	Carroll	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.002	0.000	0.000

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24013	Carroll	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.007	0.000	0.000
24013	Carroll	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.017	2.624	0.299	0.017
24013	Carroll	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.024	3.441	0.432	0.024
24013	Carroll	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.001	0.220	0.025	0.001
24013	Carroll	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.012	1.785	0.211	0.012
24013	Carroll	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.014	0.002	0.000
24013	Carroll	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.001	0.079	0.008	0.001
24013	Carroll	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.000	0.026	0.003	0.000
24013	Carroll	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.022	3.550	0.181	0.023
24013	Carroll	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.002	0.417	0.009	0.002
24013	Carroll	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.008	2.103	0.047	0.009
24013	Carroll	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.003	0.533	0.025	0.003
24013	Carroll	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.003	0.373	0.020	0.003
24013	Carroll	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.003	0.573	0.022	0.003
24013	Carroll	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.001	0.209	0.024	0.001
24013	Carroll	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.045	7.127	0.334	0.046
24013	Carroll	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.035	5.066	0.274	0.036
24013	Carroll	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.006	0.851	0.046	0.006
24013	Carroll	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.113	16.252	1.095	0.116
24013	Carroll	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.002	0.292	0.021	0.002
24013	Carroll	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.004	0.645	0.045	0.004
24013	Carroll	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.009	0.001	0.000
24013	Carroll	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.038	0.002	0.000
24013	Carroll	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.107	0.001	0.000
24013	Carroll	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.009	0.000	0.000
24013	Carroll	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.001	0.176	0.005	0.001
24013	Carroll	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.001	0.306	0.008	0.001
24013	Carroll	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.169	0.002	0.000
24013	Carroll	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.200	0.003	0.000
24013	Carroll	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.056	0.003	0.000
24013	Carroll	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.027	4.876	0.232	0.028
24013	Carroll	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.007	1.237	0.084	0.007
24013	Carroll	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.004	0.623	0.040	0.004
24013	Carroll	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.008	1.279	0.064	0.008
24013	Carroll	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.012	1.953	0.144	0.013
24013	Carroll	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.001	0.091	0.006	0.001
24013	Carroll	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.058	0.002	0.000
24013	Carroll	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.045	0.003	0.000
24013	Carroll	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.073	0.001	0.000
24013	Carroll	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.010	0.000	0.000
24013	Carroll	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.011	0.001	0.000
24013	Carroll	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.006	0.000	0.000
24013	Carroll	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.032	0.001	0.000
24013	Carroll	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.036	0.000	0.000
24013	Carroll	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.017	0.001	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24013	Carroll	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.022	0.000	0.000
24013	Carroll	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.023	0.001	0.000
24013	Carroll	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.035	0.002	0.000
24013	Carroll	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.076	0.001	0.000
24013	Carroll	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.039	0.001	0.000
24013	Carroll	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.283	0.005	0.001
24013	Carroll	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	8.501	0.430	0.080
24013	Carroll	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.058	0.003	0.001
24013	Carroll	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.018	0.001	0.000
24013	Carroll	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.012	0.000	0.000
24013	Carroll	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.032	0.002	0.000
24013	Carroll	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.285	0.015	0.003
24013	Carroll	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	2.180	0.026	0.005
24013	Carroll	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	0.298	0.006	0.001
24013	Carroll	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.193	0.007	0.001
24013	Carroll	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.249	0.009	0.002
24013	Carroll	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.007	0.000	0.000
24013	Carroll	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	0.610	0.030	0.005
24013	Carroll	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	0.663	0.007	0.001
24013	Carroll	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.023	0.000	0.000
24013	Carroll	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.014	0.001	0.000
24013	Carroll	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	0.319	0.020	0.003
24013	Carroll	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.029	0.002	0.000
24013	Carroll	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.001	1.120	0.137	0.001
24013	Carroll	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.005	1.996	0.144	0.003
24013	Carroll	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.008	0.001	0.000
24013	Carroll	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.123	0.010	0.000
24013	Carroll	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.012	5.625	0.442	0.008
24013	Carroll	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.013	5.482	0.319	0.009
24013	Carroll	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.001	0.390	0.031	0.001
24013	Carroll	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.000	0.330	0.021	0.000
24013	Carroll	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.001	1.190	0.081	0.001
24013	Carroll	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.006	3.717	0.250	0.004
24013	Carroll	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.005	4.430	0.234	0.004
24013	Carroll	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.048	14.949	0.980	0.032

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24013	Carroll	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.268	0.019	0.000
24013	Carroll	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.184	0.013	0.000
24013	Carroll	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.011	5.393	0.246	0.008
24013	Carroll	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.012	3.745	0.253	0.008
24013	Carroll	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.041	19.228	0.652	0.026
24013	Carroll	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.002	1.150	0.054	0.001
24013	Carroll	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.015	7.827	0.733	0.011
24013	Carroll	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.052	26.904	1.643	0.037
24013	Carroll	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.032	22.938	3.253	0.024
24013	Carroll	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.048	20.493	1.250	0.033
24013	Carroll	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.022	18.687	2.802	0.017
24013	Carroll	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.005	3.337	0.154	0.004
24013	Carroll	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.061	0.009	0.000
24013	Carroll	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.005	3.230	0.192	0.004
24013	Carroll	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.001	0.577	0.079	0.000
24013	Carroll	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.009	2.599	0.084	0.006
24013	Carroll	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.004	1.542	0.091	0.003
24013	Carroll	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.004	2.040	0.123	0.003
24013	Carroll	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.137	0.014	0.000
24013	Carroll	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.027	18.068	0.735	0.018
24013	Carroll	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.006	1.333	0.073	0.004
24013	Carroll	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	0.419	0.019	0.000
24013	Carroll	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.014	12.239	0.819	0.011
24013	Carroll	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.003	2.606	0.192	0.002
24013	Carroll	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.019	15.030	0.951	0.014
24013	Carroll	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.002	1.231	0.065	0.002
24013	Carroll	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.048	0.004	0.000
24013	Carroll	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.123	88.069	6.454	0.091
24013	Carroll	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.011	9.747	0.735	0.008
24013	Carroll	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.054	0.005	0.000
24013	Carroll	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.010	0.001	0.000
24013	Carroll	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.001	0.790	0.059	0.001
24013	Carroll	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.001	0.753	0.079	0.001
24013	Carroll	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.002	1.898	0.153	0.002
24013	Carroll	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.002	1.069	0.071	0.001
24013	Carroll	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.013	11.646	0.826	0.010
24013	Carroll	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.003	2.723	0.206	0.002
24013	Carroll	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.008	5.174	0.327	0.006
24013	Carroll	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.004	3.684	0.500	0.003
24013	Carroll	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.000	0.390	0.024	0.000
24013	Carroll	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.000	0.237	0.015	0.000
24013	Carroll	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.002	0.478	0.027	0.001
24013	Carroll	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000



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24013	Carroll	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.373	0.014	0.000
24013	Carroll	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.007	2.904	0.233	0.007
24013	Carroll	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.003	1.285	0.045	0.003
24013	Carroll	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.002	1.302	0.011	0.002
24013	Carroll	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.001	1.392	0.030	0.004
24013	Carroll	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.008	0.001	0.000
24013	Carroll	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	0.623	0.069	0.001
24013	Carroll	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.008	0.000	0.000
24013	Carroll	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.012	1.080	3.411	0.009
24025	Harford	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.013	1.566	2.315	0.011
24025	Harford	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.002	0.399	0.021	0.002
24025	Harford	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.091	0.519	0.001
24025	Harford	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.006	0.018	0.000
24025	Harford	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.007	0.022	0.000
24025	Harford	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.002	0.240	1.352	0.001
24025	Harford	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.005	0.000
24025	Harford	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.001	0.000
24025	Harford	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.023	0.066	0.000
24025	Harford	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.001	0.101	0.294	0.001
24025	Harford	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.002	0.313	0.906	0.002
24025	Harford	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.008	1.116	6.059	0.007
24025	Harford	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.003	0.438	1.308	0.003
24025	Harford	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.007	0.979	3.163	0.006
24025	Harford	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.002	0.280	0.819	0.002
24025	Harford	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.006	0.908	3.597	0.006
24025	Harford	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.089	0.278	0.001
24025	Harford	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.003	0.215	0.669	0.002
24025	Harford	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.000	0.001	0.000
24025	Harford	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.002	0.006	0.000
24025	Harford	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.030	0.090	0.000
24025	Harford	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.001	0.205	0.667	0.001
24025	Harford	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.001	0.004	0.000
24025	Harford	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.029	0.176	0.000
24025	Harford	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.004	0.747	0.084	0.004
24025	Harford	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.043	6.067	0.831	0.043
24025	Harford	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.011	1.606	0.096	0.011
24025	Harford	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.002	0.671	0.017	0.002
24025	Harford	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.082	0.004	0.001
24025	Harford	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.001	0.144	0.013	0.001
24025	Harford	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.135	0.007	0.001
24025	Harford	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.002	0.289	0.018	0.002
24025	Harford	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.115	0.008	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24025	Harford	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Signal Boards/Ligh	0.000	0.006	0.001	0.000
24025	Harford	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Trenchers	0.002	0.258	0.016	0.002
24025	Harford	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Bore/Drill Rigs	0.001	0.138	0.008	0.001
24025	Harford	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Concrete/Industria	0.003	0.503	0.028	0.003
24025	Harford	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Cement & Mortar Mi	0.002	0.288	0.016	0.002
24025	Harford	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Cranes	0.000	0.047	0.001	0.000
24025	Harford	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Crushing/Processin	0.000	0.036	0.002	0.000
24025	Harford	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Rough Terrain Fork	0.000	0.045	0.001	0.000
24025	Harford	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Rubber Tire Loader	0.000	0.070	0.003	0.000
24025	Harford	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Tractors/Loaders/B	0.001	0.160	0.009	0.001
24025	Harford	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Skid Steer Loaders	0.001	0.202	0.005	0.001
24025	Harford	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Dumpers/Tenders	0.000	0.050	0.002	0.000
24025	Harford	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Other Construction	0.000	0.080	0.001	0.000
24025	Harford	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equip /Aerial Lifts	0.000	0.183	0.002	0.000
24025	Harford	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equip /Forklifts	0.001	0.162	0.005	0.001
24025	Harford	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equip /Sweepers/Scrubbers	0.000	0.032	0.002	0.000
24025	Harford	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other General Industrial Equi	0.000	0.060	0.006	0.000
24025	Harford	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other Material H&ling Equip	0.000	0.009	0.000	0.000
24025	Harford	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equip /AC\Refrigeration	0.000	0.002	0.000	0.000
24025	Harford	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equip /Terminal Tractors	0.000	0.011	0.001	0.000
24025	Harford	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Residential)	0.024	3.638	0.419	0.024
24025	Harford	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Commercial)	0.017	2.483	0.315	0.017
24025	Harford	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Res	0.002	0.305	0.035	0.002
24025	Harford	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Com	0.009	1.288	0.153	0.009
24025	Harford	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.000	0.019	0.002	0.000
24025	Harford	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.000	0.057	0.005	0.000
24025	Harford	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Resid	0.000	0.037	0.004	0.000
24025	Harford	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Comme	0.016	2.562	0.132	0.017
24025	Harford	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Residential)	0.002	0.628	0.014	0.003
24025	Harford	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Commercial)	0.006	1.513	0.034	0.006
24025	Harford	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.005	0.739	0.035	0.005
24025	Harford	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.002	0.269	0.015	0.002
24025	Harford	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Front Mowers (Commercial)	0.002	0.413	0.016	0.002
24025	Harford	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Shredders < 6 HP (Commerci	0.001	0.151	0.018	0.001
24025	Harford	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Re	0.063	9.882	0.467	0.064
24025	Harford	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Co	0.026	3.656	0.200	0.026
24025	Harford	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Chippers/Stump Grinders (C	0.004	0.614	0.033	0.004
24025	Harford	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Turf Equip (Commercial)	0.083	11.728	0.799	0.084
24025	Harford	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.002	0.405	0.029	0.002
24025	Harford	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.003	0.465	0.033	0.003
24025	Harford	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equip /2-Wheel Tractors	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Tractors	0.000	0.017	0.001	0.000
24025	Harford	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Combines	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Balers	0.000	0.048	0.000	0.000
24025	Harford	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Mowers	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Sprayers	0.000	0.079	0.002	0.000
24025	Harford	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Tillers : 6 HP	0.001	0.138	0.004	0.001
24025	Harford	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Swathers	0.000	0.076	0.001	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24025	Harford	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.090	0.001	0.000
24025	Harford	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.025	0.001	0.000
24025	Harford	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.037	6.536	0.314	0.038
24025	Harford	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.009	1.658	0.114	0.010
24025	Harford	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.005	0.835	0.054	0.005
24025	Harford	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.010	1.714	0.087	0.011
24025	Harford	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.017	2.617	0.196	0.017
24025	Harford	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.001	0.122	0.008	0.001
24025	Harford	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.086	0.003	0.000
24025	Harford	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.020	0.001	0.000
24025	Harford	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.122	0.001	0.000
24025	Harford	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.021	0.001	0.000
24025	Harford	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.023	0.001	0.000
24025	Harford	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.012	0.000	0.000
24025	Harford	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.067	0.002	0.000
24025	Harford	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.077	0.001	0.000
24025	Harford	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.037	0.002	0.000
24025	Harford	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.047	0.001	0.000
24025	Harford	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.007	0.000	0.000
24025	Harford	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.048	0.002	0.000
24025	Harford	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.074	0.004	0.001
24025	Harford	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.007	0.000	0.000
24025	Harford	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.160	0.003	0.001
24025	Harford	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.083	0.001	0.000
24025	Harford	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.457	0.007	0.001
24025	Harford	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	13.728	0.695	0.129
24025	Harford	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.093	0.005	0.001
24025	Harford	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.030	0.002	0.000
24025	Harford	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.020	0.000	0.000
24025	Harford	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.052	0.003	0.001
24025	Harford	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.208	0.011	0.002
24025	Harford	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	2.954	0.035	0.007
24025	Harford	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	0.403	0.008	0.002
24025	Harford	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.262	0.010	0.002
24025	Harford	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.338	0.013	0.002
24025	Harford	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.009	0.000	0.000
24025	Harford	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	0.985	0.048	0.009
24025	Harford	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000

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24025	Harford	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	0.899	0.009	0.002
24025	Harford	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.032	0.000	0.000
24025	Harford	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.019	0.001	0.000
24025	Harford	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	0.433	0.027	0.004
24025	Harford	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.013	0.001	0.000
24025	Harford	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.002	1.867	0.228	0.002
24025	Harford	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.010	4.206	0.304	0.007
24025	Harford	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.016	0.001	0.000
24025	Harford	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.258	0.022	0.000
24025	Harford	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.025	11.851	0.932	0.018
24025	Harford	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.027	11.551	0.671	0.019
24025	Harford	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.002	0.822	0.065	0.001
24025	Harford	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	0.695	0.045	0.001
24025	Harford	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.003	2.507	0.170	0.002
24025	Harford	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.012	7.832	0.527	0.009
24025	Harford	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.010	9.334	0.493	0.008
24025	Harford	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.102	31.500	2.065	0.067
24025	Harford	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.001	0.564	0.040	0.001
24025	Harford	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.388	0.028	0.000
24025	Harford	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.023	11.363	0.519	0.016
24025	Harford	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.025	7.892	0.534	0.017
24025	Harford	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.087	40.514	1.375	0.055
24025	Harford	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.004	2.424	0.114	0.003
24025	Harford	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.033	16.492	1.545	0.023
24025	Harford	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.111	56.689	3.461	0.078
24025	Harford	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.067	48.333	6.853	0.050
24025	Harford	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.101	43.180	2.633	0.069
24025	Harford	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.046	39.375	5.904	0.035
24025	Harford	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.011	7.031	0.325	0.008
24025	Harford	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.128	0.019	0.000
24025	Harford	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.010	6.805	0.405	0.008
24025	Harford	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.001	0.931	0.128	0.001
24025	Harford	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.015	4.197	0.136	0.009
24025	Harford	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.006	2.491	0.147	0.004
24025	Harford	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.006	3.294	0.198	0.005
24025	Harford	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.222	0.023	0.000
24025	Harford	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.038	25.627	1.043	0.026
24025	Harford	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.009	2.153	0.118	0.006
24025	Harford	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.002	0.000	0.000
24025	Harford	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.000	0.305	0.014	0.000
24025	Harford	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.010	8.923	0.597	0.008
24025	Harford	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.002	1.900	0.140	0.002
24025	Harford	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.013	10.958	0.694	0.010
24025	Harford	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.002	0.897	0.047	0.001
24025	Harford	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.035	0.003	0.000
24025	Harford	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24025	Harford	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.056	40.118	2.940	0.041
24025	Harford	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.005	4.440	0.335	0.004
24025	Harford	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.025	0.002	0.000
24025	Harford	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.004	0.001	0.000
24025	Harford	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.360	0.027	0.000
24025	Harford	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.343	0.036	0.000
24025	Harford	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	0.865	0.070	0.001
24025	Harford	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.001	0.487	0.032	0.001
24025	Harford	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.018	15.785	1.120	0.013
24025	Harford	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.004	3.690	0.279	0.003
24025	Harford	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.011	7.013	0.443	0.008
24025	Harford	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.006	4.993	0.678	0.005
24025	Harford	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.001	0.528	0.032	0.000
24025	Harford	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	0.321	0.020	0.000
24025	Harford	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.003	0.722	0.041	0.002
24025	Harford	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.170	0.006	0.000
24025	Harford	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.064	26.859	2.156	0.060
24025	Harford	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.026	11.885	0.417	0.025
24025	Harford	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.042	26.918	0.236	0.042
24025	Harford	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.024	29.047	0.617	0.089
24025	Harford	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.077	0.007	0.000
24025	Harford	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	1.137	0.126	0.001
24025	Harford	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.015	0.001	0.000
24025	Harford	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.002	0.216	0.682	0.002
24027	Howard	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.003	0.313	0.463	0.002
24027	Howard	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.080	0.004	0.000
24027	Howard	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.066	0.372	0.000
24027	Howard	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.004	0.013	0.000
24027	Howard	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.005	0.016	0.000
24027	Howard	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.001	0.172	0.971	0.001
24027	Howard	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.003	0.000
24027	Howard	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.002	0.000
24027	Howard	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.023	0.068	0.000
24027	Howard	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.002	0.297	0.866	0.002
24027	Howard	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.002	0.322	0.932	0.002
24027	Howard	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.024	3.283	17.828	0.020
24027	Howard	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.003	0.451	1.345	0.003
24027	Howard	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.019	2.882	9.308	0.017
24027	Howard	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.002	0.288	0.842	0.002
24027	Howard	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.019	2.672	10.584	0.016

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24027	Howard	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equip /Snowblowers (Residential)	0.001	0.099	0.309	0.001
24027	Howard	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equip /Snowblowers (Commercial)	0.008	0.633	1.968	0.006
24027	Howard	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equip /Turf Equip (Commercial)	0.000	0.001	0.004	0.000
24027	Howard	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equip /Sprayers	0.000	0.001	0.003	0.000
24027	Howard	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equip /Generator Sets	0.001	0.080	0.240	0.000
24027	Howard	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equip /Pumps	0.004	0.545	1.772	0.003
24027	Howard	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equip /Air Compressors	0.000	0.000	0.001	0.000
24027	Howard	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equip /Hydro-power Units	0.000	0.003	0.010	0.000
24027	Howard	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equip /Chain Saws : 6 HP	0.000	0.013	0.079	0.000
24027	Howard	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equip /Motorcycles: Off-road	0.001	0.148	0.017	0.001
24027	Howard	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equip /All Terrain Vehicles	0.009	1.204	0.166	0.009
24027	Howard	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equip /Golf Carts	0.008	1.239	0.074	0.008
24027	Howard	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equip /Specialty Vehicles/Carts	0.000	0.133	0.003	0.000
24027	Howard	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Pavers	0.000	0.058	0.003	0.000
24027	Howard	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Tampers/Rammers	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Plate Compactors	0.001	0.103	0.010	0.001
24027	Howard	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Rollers	0.001	0.096	0.005	0.001
24027	Howard	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Paving Equip	0.001	0.206	0.013	0.001
24027	Howard	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Surfacing Equip	0.001	0.082	0.006	0.001
24027	Howard	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Signal Boards/Ligh	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Trenchers	0.001	0.184	0.011	0.001
24027	Howard	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Bore/Drill Rigs	0.000	0.098	0.005	0.000
24027	Howard	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Concrete/Industria	0.002	0.358	0.020	0.002
24027	Howard	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Cement & Mortar Mi	0.001	0.205	0.011	0.001
24027	Howard	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Cranes	0.000	0.033	0.001	0.000
24027	Howard	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Crushing/Processin	0.000	0.025	0.001	0.000
24027	Howard	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Rough Terrain Fork	0.000	0.032	0.001	0.000
24027	Howard	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Rubber Tire Loader	0.000	0.050	0.002	0.000
24027	Howard	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Tractors/Loaders/B	0.001	0.114	0.006	0.001
24027	Howard	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Skid Steer Loaders	0.001	0.144	0.004	0.001
24027	Howard	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Dumpers/Tenders	0.000	0.036	0.001	0.000
24027	Howard	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Other Construction	0.000	0.057	0.001	0.000
24027	Howard	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equip /Aerial Lifts	0.000	0.247	0.002	0.000
24027	Howard	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equip /Forklifts	0.001	0.219	0.007	0.001
24027	Howard	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equip /Sweepers/Scrubbers	0.000	0.043	0.002	0.000
24027	Howard	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other General Industrial Equi	0.000	0.081	0.008	0.001
24027	Howard	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other Material H&ling Equip	0.000	0.013	0.000	0.000
24027	Howard	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equip /AC\Refrigeration	0.000	0.003	0.000	0.000
24027	Howard	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equip /Terminal Tractors	0.000	0.014	0.001	0.000
24027	Howard	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Residential)	0.025	3.713	0.431	0.025
24027	Howard	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Commercial)	0.050	7.249	0.927	0.051
24027	Howard	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Res	0.002	0.311	0.036	0.002
24027	Howard	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Com	0.026	3.760	0.452	0.026
24027	Howard	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.000	0.020	0.002	0.000
24027	Howard	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.001	0.166	0.016	0.001
24027	Howard	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Resid	0.000	0.037	0.005	0.000
24027	Howard	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Comme	0.048	7.480	0.389	0.049
24027	Howard	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Residential)	0.003	0.695	0.016	0.003

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24027	Howard	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Commercial)	0.017	4.424	0.100	0.018
24027	Howard	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.005	0.754	0.036	0.005
24027	Howard	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.006	0.785	0.043	0.006
24027	Howard	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Front Mowers (Commercial)	0.006	1.207	0.046	0.006
24027	Howard	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Shredders < 6 HP (Commerci	0.003	0.440	0.052	0.003
24027	Howard	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Re	0.065	10.086	0.481	0.066
24027	Howard	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Co	0.075	10.673	0.588	0.077
24027	Howard	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Chippers/Stump Grinders (C	0.013	1.792	0.098	0.013
24027	Howard	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Turf Equip (Commercial)	0.243	34.240	2.350	0.248
24027	Howard	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.002	0.413	0.030	0.002
24027	Howard	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.008	1.358	0.097	0.008
24027	Howard	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equip /2-Wheel Tractors	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Tractors	0.000	0.008	0.000	0.000
24027	Howard	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Combines	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Balers	0.000	0.022	0.000	0.000
24027	Howard	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Mowers	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Sprayers	0.000	0.036	0.001	0.000
24027	Howard	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Tillers : 6 HP	0.000	0.062	0.002	0.000
24027	Howard	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Swathers	0.000	0.034	0.000	0.000
24027	Howard	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Other Agricultural Equip	0.000	0.041	0.001	0.000
24027	Howard	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Irrigation Sets	0.000	0.011	0.001	0.000
24027	Howard	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equip /Generator Sets	0.098	17.247	0.835	0.102
24027	Howard	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equip /Pumps	0.024	4.376	0.303	0.025
24027	Howard	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equip /Air Compressors	0.013	2.202	0.143	0.013
24027	Howard	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equip /Welders	0.028	4.524	0.232	0.029
24027	Howard	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equip /Pressure Washers	0.044	6.907	0.520	0.046
24027	Howard	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equip /Hydro-power Units	0.002	0.321	0.021	0.002
24027	Howard	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equip /Shredders : 6 HP	0.000	0.039	0.001	0.000
24027	Howard	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equip /Forest Equip - Feller/Bunch/Ski	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other Oil Field Equip	0.000	0.016	0.001	0.000
24027	Howard	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equip /Specialty Vehicles/Carts	0.000	0.024	0.000	0.000
24027	Howard	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equip /Pavers	0.000	0.015	0.001	0.000
24027	Howard	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equip /Rollers	0.000	0.017	0.001	0.000
24027	Howard	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equip /Paving Equip	0.000	0.008	0.000	0.000
24027	Howard	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equip /Surfacing Equip	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equip /Trenchers	0.000	0.048	0.002	0.000
24027	Howard	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equip /Bore/Drill Rigs	0.000	0.055	0.001	0.000
24027	Howard	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equip /Concrete/Industrial Saws	0.000	0.026	0.002	0.000
24027	Howard	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equip /Cranes	0.000	0.034	0.001	0.000
24027	Howard	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equip /Crushing/Processing Equip	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equip /Rough Terrain Forklifts	0.000	0.034	0.001	0.000
24027	Howard	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equip /Rubber Tire Loaders	0.000	0.053	0.003	0.001
24027	Howard	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equip /Tractors/Loaders/Backhoes	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equip /Skid Steer Loaders	0.000	0.115	0.002	0.000
24027	Howard	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equip /Other Construction Equip	0.000	0.059	0.001	0.000
24027	Howard	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equip /Aerial Lifts	0.000	0.621	0.010	0.002
24027	Howard	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equip /Forklifts	0.000	18.645	0.944	0.176
24027	Howard	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equip /Sweepers/Scrubbers	0.000	0.127	0.007	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24027	Howard	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.040	0.002	0.000
24027	Howard	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.027	0.001	0.000
24027	Howard	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.071	0.004	0.001
24027	Howard	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.612	0.033	0.006
24027	Howard	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	7.852	0.094	0.019
24027	Howard	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	1.072	0.022	0.004
24027	Howard	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.697	0.027	0.005
24027	Howard	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.897	0.033	0.006
24027	Howard	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.024	0.000	0.000
24027	Howard	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.010	0.000	0.000
24027	Howard	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	1.338	0.065	0.012
24027	Howard	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	2.388	0.025	0.005
24027	Howard	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.085	0.001	0.000
24027	Howard	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.052	0.002	0.000
24027	Howard	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.150	0.071	0.012
24027	Howard	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.010	0.001	0.000
24027	Howard	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.373	0.046	0.000
24027	Howard	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.007	3.019	0.218	0.005
24027	Howard	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.011	0.001	0.000
24027	Howard	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.185	0.016	0.000
24027	Howard	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.018	8.507	0.669	0.013
24027	Howard	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.020	8.291	0.482	0.014
24027	Howard	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.001	0.590	0.046	0.001
24027	Howard	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	0.499	0.032	0.000
24027	Howard	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.002	1.799	0.122	0.002
24027	Howard	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.009	5.622	0.378	0.006
24027	Howard	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.007	6.700	0.354	0.006
24027	Howard	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.073	22.610	1.482	0.048
24027	Howard	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.001	0.405	0.029	0.000
24027	Howard	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.279	0.020	0.000
24027	Howard	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.017	8.156	0.372	0.012
24027	Howard	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.018	5.665	0.383	0.012
24027	Howard	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.062	29.080	0.987	0.040
24027	Howard	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.003	1.740	0.081	0.002
24027	Howard	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.023	11.838	1.109	0.017
24027	Howard	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.079	40.690	2.484	0.056
24027	Howard	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.048	34.692	4.919	0.036
24027	Howard	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.073	30.994	1.890	0.050



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24027	Howard	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.033	28.262	4.238	0.025
24027	Howard	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.008	5.047	0.233	0.006
24027	Howard	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.092	0.014	0.000
24027	Howard	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.007	4.884	0.290	0.005
24027	Howard	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.001	1.265	0.173	0.001
24027	Howard	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.020	5.701	0.185	0.012
24027	Howard	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.009	3.383	0.200	0.006
24027	Howard	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.009	4.473	0.269	0.006
24027	Howard	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.301	0.031	0.000
24027	Howard	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.043	29.182	1.188	0.030
24027	Howard	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.012	2.924	0.161	0.008
24027	Howard	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	0.898	0.040	0.001
24027	Howard	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.029	26.258	1.758	0.023
24027	Howard	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.006	5.590	0.411	0.005
24027	Howard	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.040	32.245	2.041	0.030
24027	Howard	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.005	2.640	0.139	0.003
24027	Howard	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.103	0.008	0.000
24027	Howard	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.025	18.199	1.334	0.019
24027	Howard	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.002	2.014	0.152	0.002
24027	Howard	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.011	0.001	0.000
24027	Howard	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.163	0.012	0.000
24027	Howard	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.156	0.016	0.000
24027	Howard	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	0.392	0.032	0.000
24027	Howard	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.221	0.015	0.000
24027	Howard	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.047	41.954	2.976	0.036
24027	Howard	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.011	9.808	0.740	0.008
24027	Howard	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.030	18.638	1.178	0.022
24027	Howard	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.016	13.271	1.802	0.012
24027	Howard	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.001	1.404	0.085	0.001
24027	Howard	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	0.854	0.054	0.001
24027	Howard	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.001	0.326	0.019	0.001
24027	Howard	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.136	0.005	0.000
24027	Howard	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.003	1.452	0.117	0.003
24027	Howard	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.001	0.642	0.023	0.001
24027	Howard	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.001	0.639	0.006	0.001
24027	Howard	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.001	0.696	0.015	0.002
24027	Howard	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.002	1.427	0.159	0.001
24027	Howard	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.019	0.001	0.000
24027	Howard	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.000	0.000	0.000	0.000

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24510	Baltimore City	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.004	0.000
24510	Baltimore City	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.064	0.185	0.000
24510	Baltimore City	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.000	0.055	0.161	0.000
24510	Baltimore City	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.006	0.877	2.541	0.005
24510	Baltimore City	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.005	0.610	3.313	0.004
24510	Baltimore City	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.008	1.229	3.667	0.007
24510	Baltimore City	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.004	0.536	1.730	0.003
24510	Baltimore City	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.005	0.786	2.296	0.005
24510	Baltimore City	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.003	0.497	1.967	0.003
24510	Baltimore City	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.004	0.305	0.949	0.003
24510	Baltimore City	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	0.118	0.366	0.001
24510	Baltimore City	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.000	0.001	0.000
24510	Baltimore City	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.085	0.255	0.001
24510	Baltimore City	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.004	0.579	1.885	0.004
24510	Baltimore City	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24510	Baltimore City	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.003	0.011	0.000
24510	Baltimore City	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.006	0.877	0.053	0.006
24510	Baltimore City	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24510	Baltimore City	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Dumpers/Tenders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equip /Other Construction	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equip /Aerial Lifts	0.001	0.606	0.006	0.001
24510	Baltimore City	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equip /Forklifts	0.002	0.537	0.018	0.003
24510	Baltimore City	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equip /Sweepers/Scrubbers	0.001	0.105	0.006	0.001
24510	Baltimore City	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other General Industrial Equi	0.001	0.198	0.019	0.001
24510	Baltimore City	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equip /Other Material H&ling Equip	0.000	0.031	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equip /AC\Refrigeration	0.000	0.006	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equip /Terminal Tractors	0.000	0.035	0.002	0.000
24510	Baltimore City	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Residential)	0.067	10.035	1.175	0.068
24510	Baltimore City	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn Mowers (Commercial)	0.009	1.335	0.172	0.010
24510	Baltimore City	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Res	0.006	0.841	0.099	0.006
24510	Baltimore City	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rotary Tillers < 6 HP (Com	0.005	0.693	0.084	0.005
24510	Baltimore City	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.000	0.053	0.006	0.000
24510	Baltimore City	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Trimmers/Edgers/Brush Cutt	0.000	0.031	0.003	0.000
24510	Baltimore City	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Resid	0.001	0.101	0.012	0.001
24510	Baltimore City	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Leafblowers/Vacuums (Comme	0.009	1.378	0.072	0.009
24510	Baltimore City	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Residential)	0.008	2.099	0.048	0.009
24510	Baltimore City	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Snowblowers (Commercial)	0.003	0.810	0.019	0.003
24510	Baltimore City	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.013	2.038	0.098	0.013
24510	Baltimore City	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Rear Engine Riding Mowers	0.001	0.145	0.008	0.001
24510	Baltimore City	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Front Mowers (Commercial)	0.001	0.222	0.009	0.001
24510	Baltimore City	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Shredders < 6 HP (Commerci	0.001	0.081	0.010	0.001
24510	Baltimore City	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Re	0.176	27.257	1.311	0.180
24510	Baltimore City	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Lawn & Garden Tractors (Co	0.014	1.966	0.109	0.014
24510	Baltimore City	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Chippers/Stump Grinders (C	0.002	0.330	0.018	0.002
24510	Baltimore City	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Turf Equip (Commercial)	0.045	6.307	0.437	0.046
24510	Baltimore City	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.006	1.117	0.081	0.006
24510	Baltimore City	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equip /Other Lawn & Garden Equip	0.001	0.250	0.018	0.001
24510	Baltimore City	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equip /2-Wheel Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Combines	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Balers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Agricultural Mowers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Tillers : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Swathers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Other Agricultural Equip	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equip /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equip /Generator Sets	0.104	18.154	0.888	0.108
24510	Baltimore City	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equip /Pumps	0.026	4.606	0.322	0.027
24510	Baltimore City	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equip /Air Compressors	0.014	2.318	0.152	0.014
24510	Baltimore City	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equip /Welders	0.030	4.761	0.246	0.031
24510	Baltimore City	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equip /Pressure Washers	0.047	7.270	0.553	0.049
24510	Baltimore City	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equip /Hydro-power Units	0.002	0.338	0.022	0.002
24510	Baltimore City	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equip /Shredders : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equip /Forest Equip - Feller/Bunch/Ski	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24510	Baltimore City	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.044	0.003	0.000
24510	Baltimore City	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	1.542	0.025	0.005
24510	Baltimore City	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	46.279	2.342	0.436
24510	Baltimore City	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.315	0.018	0.003
24510	Baltimore City	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.100	0.006	0.001
24510	Baltimore City	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.067	0.001	0.000
24510	Baltimore City	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.176	0.011	0.002
24510	Baltimore City	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.114	0.006	0.001
24510	Baltimore City	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	8.351	0.100	0.021
24510	Baltimore City	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	1.140	0.024	0.005
24510	Baltimore City	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.741	0.029	0.005
24510	Baltimore City	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.954	0.036	0.007
24510	Baltimore City	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.026	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.011	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	3.321	0.161	0.030
24510	Baltimore City	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.004	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.002	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.011	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.013	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	2.540	0.026	0.005
24510	Baltimore City	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.090	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.055	0.002	0.000
24510	Baltimore City	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.223	0.075	0.013
24510	Baltimore City	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.029	0.002	0.000
24510	Baltimore City	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2017	NOX 2017	PM25 2017	SO2 2017
24510	Baltimore City	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipmt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipmt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipmt /Scrapers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipmt /Paving Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipmt /Surfacing Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipmt /Signal Boards/Light Plants	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipmt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipmt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipmt /Excavators	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipmt /Concrete/Industrial Saws	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipmt /Cement & Mortar Mixers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipmt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipmt /Graders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipmt /Off-highway Trucks	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipmt /Crushing/Processing Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipmt /Rough Terrain Forklifts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipmt /Rubber Tire Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipmt /Tractors/Loaders/Backhoes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipmt /Crawler Tractor/Dozers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipmt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipmt /Off-highway Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipmt /Dumpers/Tenders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipmt /Other Construction Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipmt /Aerial Lifts	0.003	3.139	0.430	0.003
24510	Baltimore City	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipmt /Forklifts	0.049	14.150	0.459	0.030
24510	Baltimore City	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipmt /Sweepers/Scrubbers	0.021	8.396	0.496	0.014
24510	Baltimore City	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipmt /Other General Industrial Equipmt	0.022	11.103	0.668	0.016
24510	Baltimore City	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipmt /Other Material H&ling Equipmt	0.001	0.747	0.078	0.001
24510	Baltimore City	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipmt /AC\Refrigeration	0.101	68.525	2.788	0.070
24510	Baltimore City	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipmt /Terminal Tractors	0.031	7.256	0.399	0.019
24510	Baltimore City	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipmt /Leafblowers/Vacuums (Commercial)	0.000	0.001	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipmt /Snowblowers (Commercial)	0.000	0.167	0.007	0.000
24510	Baltimore City	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipmt /Front Mowers (Commercial)	0.005	4.880	0.327	0.004
24510	Baltimore City	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipmt /Lawn & Garden Tractors (Commercial)	0.001	1.039	0.076	0.001
24510	Baltimore City	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipmt /Chippers/Stump Grinders (Commercial)	0.007	5.992	0.379	0.006
24510	Baltimore City	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipmt /Turf Equipmt (Commercial)	0.001	0.491	0.026	0.001
24510	Baltimore City	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipmt /Other Lawn & Garden Equipmt (Commercial)	0.000	0.019	0.002	0.000
24510	Baltimore City	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipmt /2-Wheel Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipmt /Agricultural Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipmt /Combines	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipmt /Balers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipmt /Agricultural Mowers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipmt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipmt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipmt /Swathers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipmt /Other Agricultural Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipmt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipmt /Generator Sets	0.050	44.620	3.165	0.038

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<b>FIPS</b>	<b>NAME</b>	<b>NONATTAIN</b>	<b>SCC</b>	<b>SHORT_NAME</b>	<b>NH3 2017</b>	<b>NOX 2017</b>	<b>PM25 2017</b>	<b>SO2 2017</b>
24510	Baltimore City	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.012	10.431	0.788	0.009
24510	Baltimore City	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.032	19.822	1.253	0.023
24510	Baltimore City	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.017	14.115	1.917	0.013
24510	Baltimore City	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.002	1.493	0.091	0.001
24510	Baltimore City	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	0.908	0.058	0.001
24510	Baltimore City	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.373	0.014	0.000
24510	Baltimore City	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.027	11.252	0.903	0.025
24510	Baltimore City	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.011	4.979	0.175	0.011
24510	Baltimore City	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.012	7.285	0.065	0.012
24510	Baltimore City	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.007	8.001	0.170	0.025
24510	Baltimore City	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.032	0.003	0.000
24510	Baltimore City	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	1.106	0.123	0.001
24510	Baltimore City	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.014	0.001	0.000
24510	Baltimore City	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000

Appendix C  
2025 Projection Year Inventory

Appendix C-1  
2025 Point Source Emissions



## APP\_C-1\_EGU

FIPS	COUNTY	FACNAME	PLANTID	POINTID	STACKID	SCC	AEO FUEL	SO2 2025	NOx 2025	NH3 2025	PM-PR125 2025
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0003	S5	10100215	Coal	2,490.000	1,115.000	0.000	583.155
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0015	S1	10100202	Coal	5,392.000	2,414.000	0.000	894.586
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0016	S2	10100202	Coal	5,627.000	2,519.000	0.000	1191.964
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	3-0017	S6	10100202	Coal	1,239.000	555.000	0.000	225.490
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	4-0017	S10	10100401	Petroleum	808.766	360.577	0.000	1975.665
24003	Anne Arundel	Constellation - Fort Smallwood Complex	003-0468	5-0489	S7	10100601	Natural Gas	172.152	172.152	0.000	407.588
24005	Baltimore	Constellation - Riverside	005-0078	4-1082	S3	10100601	Natural Gas	0.130	103.720	0.000	1.695
24005	Baltimore	Constellation - Riverside	005-0078	4-1363	S4	10100601	Natural Gas	0.058	29.130	0.000	0.393
24005	Baltimore	Constellation - Crane	005-0079	3-0108	S1	10100203	Coal	1,532.000	686.000	0.000	816.829
24005	Baltimore	Constellation - Crane	005-0079	3-0109	S2	10100203	Coal	1,646.000	737.000	0.000	1030.486
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0081	S1	10100504	Petroleum	2.379	33.096	0.000	0.637
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0082	S2	10100504	Petroleum	2.074	31.477	0.000	0.583
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0083	S3	10100504	Petroleum	3.946	60.693	0.000	1.084
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	4-0084	S4	10100504	Petroleum	1.817	29.620	0.000	0.000
24025	Harford	Constellation Power - Perryman Power Plant	025-0024	5-0088	S5	10100601	Natural Gas	4.194	32.532	0.000	2.155
24510	Baltimore City	Constellation Energy Group - Westport	510-0006	5-0005	S1	10100601	Natural Gas	0.000	59.619	0.000	1.464



































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FIPS	CNTY NAME	NONATTAIN	NH3 2025	NOX 2025	P25 2025	SO2 2025	FACNAME
24025	Harford	Baltimore, MD	0.000	1.011	0.053	0.004	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.939	0.049	0.003	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Cytec Fiberite
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Constellation Power - Perryman Power Plant
24025	Harford	Baltimore, MD	0.000	0.000	0.197	0.000	Independence Construction Materials
24025	Harford	Baltimore, MD	0.000	3.485	1.851	0.454	Independence Construction Materials
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Independence Construction Materials
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Independence Construction Materials
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	Colonial Pipeline Company
24025	Harford	Baltimore, MD	0.000	14.778	1.575	0.160	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	3.231	0.768	0.060	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.528	0.126	0.010	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.706	0.097	0.014	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.706	0.168	0.014	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.706	0.168	0.014	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	20.106	1.527	0.120	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	1.571	1.153	0.017	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.441	0.033	0.002	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.416	0.089	0.002	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	1.430	0.108	0.008	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	1.428	0.108	0.008	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.025	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.569	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.406	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.004	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.023	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area
24025	Harford	Baltimore, MD	0.000	0.000	0.000	0.000	APG-Aberdeen Area







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FIPS	CNTY NAME	NONATTAIN	NH3 2025	NOX 2025	P25 2025	SO2 2025	FACNAME
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Tate Access Floors
24027	Howard	Baltimore, MD	0.000	0.000	0.057	0.000	Bardon Inc - Annapolis Junction
24027	Howard	Baltimore, MD	0.000	3.063	1.625	0.353	Bardon Inc - Annapolis Junction
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Transcontinental Gas Pipeline
24027	Howard	Baltimore, MD	0.000	1184.608	39.593	0.482	Transcontinental Gas Pipeline
24027	Howard	Baltimore, MD	0.000	0.400	0.040	0.000	Transcontinental Gas Pipeline
24027	Howard	Baltimore, MD	0.000	0.499	0.050	0.000	Transcontinental Gas Pipeline
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Transcontinental Gas Pipeline
24027	Howard	Baltimore, MD	0.000	0.262	0.004	0.000	Transcontinental Gas Pipeline
24027	Howard	Baltimore, MD	0.000	0.150	0.008	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.150	0.008	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.209	0.013	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.209	0.013	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.209	0.013	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.209	0.013	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.209	0.013	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.209	0.013	0.000	COPT Property Management Services, LLC
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Alpha Ridge Landfill
24027	Howard	Baltimore, MD	0.000	4.695	0.750	0.965	Alpha Ridge Landfill
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Alpha Ridge Landfill
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Alpha Ridge Landfill
24027	Howard	Baltimore, MD	0.000	0.000	3.011	0.000	Alpha Ridge Landfill
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Alpha Ridge Landfill
24027	Howard	Baltimore, MD	0.000	0.000	0.000	0.000	Alpha Ridge Landfill
24027	Howard	Baltimore, MD	0.000	87.000	0.000	0.000	Generic Source - Emission Offsets
24510	Baltimore City	Baltimore, MD	0.000	65.844	3.218	0.141	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.293	0.000	0.003	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	65.844	3.096	0.141	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.293	0.000	0.003	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	65.844	3.096	0.141	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.293	0.000	0.003	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	23.411	3.096	0.141	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.293	0.000	0.003	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.292	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.250	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	4.410	0.090	0.002	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	4.410	0.090	0.002	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.625	0.022	0.000	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	4.410	0.064	0.002	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	4.410	0.064	0.002	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	4.410	0.064	0.002	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	4.329	0.064	0.002	Johns Hopkins Hospital
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.187	0.000	Flanigan, P. - Monroe Street
24510	Baltimore City	Baltimore, MD	0.000	4.142	1.059	0.601	Flanigan, P. - Monroe Street
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.001	0.000	Flanigan, P. - Monroe Street
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Flanigan, P. - Monroe Street
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	GAF Materials Corporation
24510	Baltimore City	Baltimore, MD	0.000	1.405	0.187	0.009	GAF Materials Corporation











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FIPS	CNTY NAME	NONATTAIN	NH3 2025	NOX 2025	P25 2025	SO2 2025	FACNAME
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.450	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	National Gypsum
24510	Baltimore City	Baltimore, MD	0.000	21.816	0.435	0.043	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	22.758	0.441	0.045	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	21.764	0.441	0.043	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	21.416	0.424	0.042	Constellation Energy Group - Philadelphia Road
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Mid-atlantic Baking
24510	Baltimore City	Baltimore, MD	0.000	2.661	0.200	0.019	Mid-atlantic Baking
24510	Baltimore City	Baltimore, MD	0.000	0.494	0.037	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.731	0.131	0.011	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.038	0.079	0.007	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	1.029	0.077	0.007	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.467	0.036	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.467	0.054	0.003	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.052	0.003	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	4.389	0.018	0.031	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.141	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.759	0.000	0.537	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.113	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.272	0.000	Sherwin-Williams Company
24510	Baltimore City	Baltimore, MD	0.000	0.473	0.036	0.004	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.473	0.036	0.004	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	3.778	0.287	0.023	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	H & S Bakery
24510	Baltimore City	Baltimore, MD	0.000	10.038	6.839	0.108	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	10.038	6.839	0.108	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.462	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	5.217	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.053	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.498	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.213	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.604	0.000	Locke Insulators
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	26.449	1.438	0.114	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	28.440	2.374	15.948	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	2.702	0.147	0.012	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	10.665	0.889	5.981	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	22.325	1.214	0.096	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	25.596	2.136	14.353	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	13.367	0.726	0.057	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	13.865	1.155	7.775	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	37.630	2.049	0.162	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	0.090	0.000	0.000	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	American Sugar Refining
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.887	0.000	American Sugar Refining



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FIPS	CNTY NAME	NONATTAIN	NH3 2025	NOX 2025	P25 2025	SO2 2025	FACNAME
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	1.758	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.860	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	2.574	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.222	0.000	Eastalco Aluminum
24510	Baltimore City	Baltimore, MD	0.000	1.960	0.276	0.071	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.960	0.276	0.071	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.825	0.730	0.183	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	1.825	0.730	0.183	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	0.150	0.060	0.000	Conopco dba Unilever
24510	Baltimore City	Baltimore, MD	0.000	3.806	0.317	0.079	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	3.092	0.238	0.000	Hauswald Bakery/div Of Schmidt's
24510	Baltimore City	Baltimore, MD	0.000	27.613	0.753	0.053	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.180	0.000	0.000	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	16.695	0.454	0.041	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	5.473	0.459	0.040	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	1.050	0.007	0.003	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	7.176	0.598	0.050	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.000	0.000	Trigen - North Central Avenue
24510	Baltimore City	Baltimore, MD	0.000	0.111	0.011	0.001	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.032	0.003	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Petroleum Fuel & Terminal Company
24510	Baltimore City	Baltimore, MD	0.000	0.045	0.008	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	5.229	0.169	5.966	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Sunoco Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Motiva Enterprises, LLC
24510	Baltimore City	Baltimore, MD	0.000	3.127	0.000	0.000	Motiva Enterprises, LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.049	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Center Point Terminal Baltimore LLC
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Fleischmann's Vinegar
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.050	0.004	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.025	0.002	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Vac Pac Manufacturing
24510	Baltimore City	Baltimore, MD	0.000	5.341	0.824	7.623	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.027	0.006	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	5.670	0.870	8.092	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	1.997	0.305	2.849	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.000	0.000	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	5.297	0.000	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.333	0.020	0.000	Amerada Hess - Baltimore Terminal
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.002	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.002	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.871	0.432	0.034	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.251	0.059	0.023	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.379	0.334	0.026	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	1.324	0.314	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.000	0.000	Morgan State University
24510	Baltimore City	Baltimore, MD	0.000	0.006	0.000	0.000	Morgan State University







Appendix C-2  
2025 Area Source Emissions



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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0076	2.7693	0.3625	19.1332
24003	Anne Arundel	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.5404	38.5140	3.7898	0.4160
24003	Anne Arundel	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0234	1.6080	0.1225	2.3221
24003	Anne Arundel	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	1.1695	205.8156	0.2586	1.4281
24003	Anne Arundel	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0215	5.6675	0.0000	0.0245
24003	Anne Arundel	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0532	1.3269	0.1426	0.0138
24003	Anne Arundel	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0428	0.1949	0.0823	1.3282
24003	Anne Arundel	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	5.5036	99.0590	11.7236	1.1888
24003	Anne Arundel	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	63.4415	298.1797	1.0141	1.9028
24003	Anne Arundel	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1234	32.5639	0.0228	0.1406
24003	Anne Arundel	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	8.7128	12.5851	114.2340	1.9362
24003	Anne Arundel	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	5.8774	9.6804	105.7930	1.3829
24003	Anne Arundel	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	2.1208	5.3727	46.1860	0.9426
24003	Anne Arundel	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.7069	1.5710	16.0237	0.3142
24003	Anne Arundel	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	3.6190	5.9606	65.1414	0.8515
24003	Anne Arundel	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	1.3053	3.3068	28.4267	0.5801
24003	Anne Arundel	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.4346	0.9657	9.8505	0.1931
24003	Anne Arundel	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0930	1.1777	0.9484	0.0992
24003	Anne Arundel	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	1.9740	2.0194	30.2686	2.2263
24003	Anne Arundel	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.5807	0.5941	8.9047	0.6549
24003	Anne Arundel	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	3.9012	14.4187	0.0000
24003	Anne Arundel	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.3695	6.6541	0.7880	0.0770
24003	Anne Arundel	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	190.9034	0.0000
24003	Anne Arundel	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.5206	0.0000
24003	Anne Arundel	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	19.5471	0.0000
24003	Anne Arundel	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	127.8702	0.0000
24003	Anne Arundel	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	25.4193	0.0000
24003	Anne Arundel	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	2.2096	0.0000
24003	Anne Arundel	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	4.1051	0.0000
24003	Anne Arundel	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	59.5241	0.0000
24003	Anne Arundel	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	31.0177	0.0000
24003	Anne Arundel	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	8.9700	0.0000	1.2900
24003	Anne Arundel	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	1.7600	6.2400	0.2200
24003	Anne Arundel	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	1.3600	4.1400	0.4500
24003	Anne Arundel	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	4.8000	27.8100	0.8000
24003	Anne Arundel	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	11.8000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	12.3269	0.0000
24003	Anne Arundel	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	19.3314	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	17.8866	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.3381	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.3870	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	36.4343	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0044	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0028	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0218	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	1.6318	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	1.1002	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0004	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.8358	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	3.1473	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	1.3356	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.3518	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0079	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0052	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0141	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0024	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0331	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0060	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0270	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0090	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0016	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0081	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24003	Anne Arundel	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0148	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0832	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0365	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	19.0426	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0241	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0594	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0040	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	1.2973	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	3.3457	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0807	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0499	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.1500	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.3974	0.0000	0.0000
24003	Anne Arundel	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.1844	4.4916	0.0000
24005	Baltimore	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0227	8.3078	1.0876	57.3996
24005	Baltimore	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	2.6467	66.1653	6.5115	0.7146
24005	Baltimore	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0401	2.7550	0.2214	3.9863
24005	Baltimore	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	2.4626	435.5886	0.5510	3.0249
24005	Baltimore	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0271	7.1630	0.0000	0.0309
24005	Baltimore	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0913	2.2827	0.2384	0.0238
24005	Baltimore	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.1640	0.7464	0.3150	5.0854
24005	Baltimore	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	9.0511	162.9190	19.2809	1.9550
24005	Baltimore	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	154.8483	727.7805	2.4757	4.6461
24005	Baltimore	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1492	39.4046	0.0327	0.1701
24005	Baltimore	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	14.1081	20.3784	184.9731	3.1351
24005	Baltimore	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	9.5181	15.6769	171.3262	2.2396
24005	Baltimore	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	3.4343	8.7001	74.7906	1.5263
24005	Baltimore	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	1.1448	2.5439	25.9478	0.5088
24005	Baltimore	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	5.8589	9.6499	105.4596	1.3786

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24005	Baltimore	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	2.1136	5.3545	46.0301	0.9394
24005	Baltimore	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.7038	1.5639	15.9519	0.3128
24005	Baltimore	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.1497	1.8962	1.5270	0.1597
24005	Baltimore	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	1.9962	2.0420	30.6080	2.2512
24005	Baltimore	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.9238	0.9450	14.1652	1.0419
24005	Baltimore	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	6.3987	23.6497	0.0000
24005	Baltimore	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.6077	10.9391	1.2917	0.1266
24005	Baltimore	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	202.0516	0.0000
24005	Baltimore	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.2542	0.0000
24005	Baltimore	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	29.5362	0.0000
24005	Baltimore	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	190.8664	0.0000
24005	Baltimore	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	38.4449	0.0000
24005	Baltimore	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	3.2771	0.0000
24005	Baltimore	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	2.7771	0.0000
24005	Baltimore	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	242.5520	0.0000
24005	Baltimore	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	25.3351	0.0000
24005	Baltimore	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24005	Baltimore	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: All	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	36.2400	0.0000	5.8100
24005	Baltimore	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	1.5814	5.6168	0.1963
24005	Baltimore	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	7.6017	23.1324	2.5194
24005	Baltimore	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	5.5840	32.4137	0.9270
24005	Baltimore	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	0.0210	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	36.5602	0.0000
24005	Baltimore	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	5.9348	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	11.0331	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0406	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24005	Baltimore	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.9063	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	18.8220	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	4.3733	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0399	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	1.4157	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	8.2110	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	3.7292	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0015	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	2.8299	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	11.7297	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	4.9458	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	3.7556	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0842	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0557	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.1494	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0253	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	2.1555	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.3914	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	1.7588	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	1.1293	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.2036	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	1.0156	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	15.7366	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.5819	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	1.6266	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.1534	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	7.0087	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	7.6699	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	15.3398	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.7366	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0344	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.4139	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	5.1045	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0796	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	6.8104	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.1174	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.1904	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0862	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	39.6720	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24005	Baltimore	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.6215	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	1.5340	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.1034	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	6.6252	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	14.5464	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	2.0365	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	1.2616	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0209	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.0400	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.4420	0.0000	0.0000
24005	Baltimore	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.2424	6.1017	0.0000
24013	Carroll	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0076	2.7693	0.3625	19.1332
24013	Carroll	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	2.0189	50.4786	4.9657	0.5451
24013	Carroll	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0306	2.1028	0.1698	3.0418
24013	Carroll	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.2586	46.4658	0.0562	0.3261
24013	Carroll	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0199	5.2514	0.0000	0.0227
24013	Carroll	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Comb	0.0697	1.7430	0.1807	0.0182
24013	Carroll	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.3286	1.4952	0.6309	10.1868
24013	Carroll	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	7.7083	138.7513	16.4136	1.6650
24013	Carroll	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	11.4824	53.9906	0.1826	0.3409
24013	Carroll	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1221	32.2434	0.0244	0.1392
24013	Carroll	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	2.8292	4.0866	37.0934	0.6287
24013	Carroll	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	1.9090	3.1442	34.3620	0.4492
24013	Carroll	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.6886	1.7443	14.9953	0.3060
24013	Carroll	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.2298	0.5106	5.2077	0.1021
24013	Carroll	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	1.1739	1.9335	21.1301	0.2762
24013	Carroll	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.4238	1.0735	9.2284	0.1883
24013	Carroll	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.1415	0.3145	3.2076	0.0629
24013	Carroll	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0283	0.3580	0.2883	0.0301
24013	Carroll	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.5553	0.5680	8.5144	0.6262
24013	Carroll	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.1828	0.1870	2.8033	0.2062
24013	Carroll	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	1.2153	4.4919	0.0000
24013	Carroll	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.5176	9.3150	1.0991	0.1078
24013	Carroll	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	91.9868	0.0000
24013	Carroll	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	4.2961	0.0000
24013	Carroll	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	6.4084	0.0000
24013	Carroll	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	45.2368	0.0000
24013	Carroll	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	11.0220	0.0000
24013	Carroll	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	0.2342	0.0000
24013	Carroll	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000



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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24013	Carroll	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	1.0629	0.0000
24013	Carroll	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	39.7695	0.0000
24013	Carroll	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	9.6374	0.0000
24013	Carroll	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24013	Carroll	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	0.5200	0.0000	0.1500
24013	Carroll	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	0.1096	0.3896	0.0122
24013	Carroll	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	0.0974	0.2922	0.0365
24013	Carroll	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	27.2600	92.6700	0.0000
24013	Carroll	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	0.7549	4.3957	0.1218
24013	Carroll	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	4.2496	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	93.7391	0.0000
24013	Carroll	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	591.5867	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	43.2733	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0330	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	30.2340	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	37.2807	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	8.6831	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	1.0073	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	1.7519	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	5.7260	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0023	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	4.3507	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	24.8611	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	17.8524	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	312.0864	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24013	Carroll	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	14.0174	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	4.6284	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	15.8688	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	2.7770	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0173	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0032	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0141	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0100	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0018	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0090	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	69.4260	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	2.9357	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	8.1989	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.7762	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	34.7791	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	38.2174	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	76.4347	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	3.7159	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.1732	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	2.0894	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	25.3901	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.3967	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	33.9857	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.1389	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.2050	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0629	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	39.0108	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	1.2272	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	3.0680	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.2050	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	11.8487	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	12.1661	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	4.0333	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	2.3010	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0360	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.1100	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.1787	0.0000	0.0000
24013	Carroll	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.0372	0.8186	0.0000
24025	Harford	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0076	2.7693	0.3625	19.1332
24025	Harford	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.7227	43.0682	4.2401	0.4651

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24025	Harford	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0261	1.7992	0.1389	2.5920
24025	Harford	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.4948	86.9915	0.1124	0.6072
24025	Harford	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0309	8.1638	0.0112	0.0353
24025	Harford	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0595	1.4843	0.1528	0.0155
24025	Harford	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.4702	2.1395	0.9028	14.5765
24025	Harford	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	6.5759	118.3660	14.0026	1.4204
24025	Harford	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	31.3963	147.5345	0.4991	0.9374
24025	Harford	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.1899	50.1440	0.0365	0.2166
24025	Harford	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	4.1020	5.9251	53.7817	0.9116
24025	Harford	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	2.7678	4.5587	49.8205	0.6512
24025	Harford	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.9989	2.5306	21.7547	0.4440
24025	Harford	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.3328	0.7395	7.5425	0.1479
24025	Harford	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	1.7028	2.8046	30.6502	0.4007
24025	Harford	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.6152	1.5585	13.3978	0.2734
24025	Harford	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.2046	0.4546	4.6365	0.0909
24025	Harford	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0442	0.5603	0.4512	0.0472
24025	Harford	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.5783	0.5916	8.8679	0.6522
24025	Harford	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.2741	0.2803	4.2022	0.3091
24025	Harford	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	1.8457	6.8218	0.0000
24025	Harford	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.4415	7.9495	0.9392	0.0920
24025	Harford	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	121.9108	0.0000
24025	Harford	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	3.3771	0.0000
24025	Harford	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	7.8574	0.0000
24025	Harford	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	48.8054	0.0000
24025	Harford	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	9.5005	0.0000
24025	Harford	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	0.9334	0.0000
24025	Harford	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	3.1332	0.0000
24025	Harford	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	31.2280	0.0000
24025	Harford	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	27.9892	0.0000
24025	Harford	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24025	Harford	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	0.9500	0.0000	0.8900

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24025	Harford	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	2.3982	8.5338	0.2922
24025	Harford	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	0.3409	1.0348	0.1096
24025	Harford	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	39.7500	135.1600	0.0000
24025	Harford	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	0.0122	0.0609	0.0000
24025	Harford	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	6.9878	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	48.7222	0.0000
24025	Harford	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	132.7811	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	2.3115	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	1.3039	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	15.7507	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0132	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	4.5637	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	8.0005	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0032	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	6.0830	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	23.9354	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	10.4999	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.7115	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0160	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0106	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0286	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0048	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0036	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0007	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0030	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0405	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0073	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0364	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	29.8862	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	1.1637	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	3.2531	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.3081	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	13.7530	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24025	Harford	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	15.0754	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	30.1507	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	1.4679	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0688	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.8278	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	10.0767	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.1574	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	13.4885	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0116	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0030	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0132	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	38.3496	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	3.3986	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	8.3840	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.5647	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	13.4885	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	3.3192	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	11.1743	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	6.9162	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.1164	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.1056	0.0000	0.0000
24025	Harford	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24025	Harford	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.2327	0.0000	0.0000
24025	Harford	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.0683	1.5821	0.0000
24027	Howard	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0076	2.7693	0.3625	19.1332
24027	Howard	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	0.6558	16.3951	1.6190	0.1771
24027	Howard	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0099	0.6859	0.0524	0.9896
24027	Howard	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	0.7647	134.6163	0.1687	0.9333
24027	Howard	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0116	3.0474	0.0000	0.0132
24027	Howard	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Comb	0.0226	0.5622	0.0593	0.0059
24027	Howard	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	2.5828	46.4856	5.5053	0.5579
24027	Howard	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	45.0915	211.9173	0.7159	1.3565
24027	Howard	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.0731	19.3052	0.0126	0.0834
24027	Howard	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	4.4607	6.4433	58.4851	0.9913
24027	Howard	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	3.0093	4.9565	54.1680	0.7081
24027	Howard	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	1.0860	2.7512	23.6508	0.4827
24027	Howard	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.3618	0.8040	8.2004	0.1608
24027	Howard	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	1.8520	3.0504	33.3366	0.4358
24027	Howard	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.6681	1.6925	14.5496	0.2969
24027	Howard	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.2224	0.4943	5.0418	0.0989

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24027	Howard	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.0485	0.6148	0.4951	0.0518
24027	Howard	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.4488	0.4591	6.8817	0.5062
24027	Howard	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.2987	0.3055	4.5797	0.3368
24027	Howard	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	2.0421	7.5477	0.0000
24027	Howard	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.1735	3.1275	0.3636	0.0361
24027	Howard	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	84.6308	0.0000
24027	Howard	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.0797	0.0000
24027	Howard	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	8.6997	0.0000
24027	Howard	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	54.1248	0.0000
24027	Howard	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Fying	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	10.9332	0.0000
24027	Howard	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	0.9894	0.0000
24027	Howard	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	2.3488	0.0000
24027	Howard	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	38.2402	0.0000
24027	Howard	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	21.2689	0.0000
24027	Howard	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000



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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24027	Howard	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	0.8290	2.9517	0.1005
24027	Howard	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	3.2657	9.9478	1.0802
24027	Howard	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	3.0019	17.4211	0.5024
24027	Howard	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	8.6792	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	7.5104	0.0000
24027	Howard	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	0.4818	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	1.8561	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24027	Howard	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	14.3101	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.5940	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	0.1206	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	1.1624	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0005	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.8834	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	5.4351	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	4.8532	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.3399	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0076	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0050	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0135	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0023	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0041	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0007	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0033	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	6.7971	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	1.2232	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	6.1095	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	5.4351	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.2645	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.7392	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0700	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	3.1209	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	3.4118	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	6.8368	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.3200	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0149	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.1798	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	2.2878	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0356	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	3.0415	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0270	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.6625	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0030	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	19.3070	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0721	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.1785	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24027	Howard	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0120	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	4.6548	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	2.8961	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.2314	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.1428	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0023	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.0352	0.0000	0.0000
24027	Howard	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24027	Howard	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	0.3380	0.0000	0.0000
24027	Howard	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.0694	1.6307	0.0000
24510	Baltimore City	Baltimore, MD	2103002000	Stationary Fuel Comb /Commercial/Institutional /Bituminous/Subbituminous Co	0.0076	2.7693	0.3625	19.1332
24510	Baltimore City	Baltimore, MD	2103004000	Stationary Fuel Comb /Commercial/Institutional /Distillate Oil /Total: Boil	1.8388	45.9694	4.5287	0.4965
24510	Baltimore City	Baltimore, MD	2103005000	Stationary Fuel Comb /Commercial/Institutional /Residual Oil /Total: All Bo	0.0279	1.9116	0.1535	2.7663
24510	Baltimore City	Baltimore, MD	2103006000	Stationary Fuel Comb /Commercial/Institutional /Natural Gas /Total: Boilers	2.4177	427.3717	0.5398	2.9687
24510	Baltimore City	Baltimore, MD	2103007000	Stationary Fuel Comb /Commercial/Institutional /Liquified Petroleum Gas /To	0.0094	2.5076	0.0000	0.0108
24510	Baltimore City	Baltimore, MD	2103011000	Stationary Fuel Comb /Commercial/Institutional /Kerosene /Total: All Combust	0.0634	1.5855	0.1706	0.0165
24510	Baltimore City	Baltimore, MD	2104002000	Stationary Fuel Comb /Residential /Bituminous/Subbituminous Coal /Total: Al	0.0435	0.1979	0.0835	1.3486
24510	Baltimore City	Baltimore, MD	2104004000	Stationary Fuel Comb /Residential /Distillate Oil /Total: All Combustor Typ	6.3308	113.9534	13.4895	1.3674
24510	Baltimore City	Baltimore, MD	2104006000	Stationary Fuel Comb /Residential /Natural Gas /Total: All Combustor Types	158.3577	744.2987	2.5364	4.7545
24510	Baltimore City	Baltimore, MD	2104007000	Stationary Fuel Comb /Residential /Liquified Petroleum Gas /Total: All Comb	0.0526	13.8791	0.0110	0.0600
24510	Baltimore City	Baltimore, MD	2104008100	Stationary Fuel Comb /Residential /Wood /Fireplace: general	11.4604	16.5539	150.2580	2.5467
24510	Baltimore City	Baltimore, MD	2104008210	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; non-	7.7314	12.7340	139.1648	1.8191
24510	Baltimore City	Baltimore, MD	2104008220	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	2.7896	7.0670	60.7511	1.2398
24510	Baltimore City	Baltimore, MD	2104008230	Stationary Fuel Comb /Residential /Wood /Woodstove: fireplace inserts; EPA	0.9299	2.0664	21.0769	0.4133
24510	Baltimore City	Baltimore, MD	2104008310	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, non-EPA c	4.7588	7.8379	85.6575	1.1197
24510	Baltimore City	Baltimore, MD	2104008320	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	1.7166	4.3487	37.3833	0.7629
24510	Baltimore City	Baltimore, MD	2104008330	Stationary Fuel Comb /Residential /Wood /Woodstove: freestanding, EPA certi	0.5716	1.2703	12.9571	0.2541
24510	Baltimore City	Baltimore, MD	2104008400	Stationary Fuel Comb /Residential /Wood /Woodstove: pellet-fired, general (	0.1202	1.5227	1.2262	0.1282
24510	Baltimore City	Baltimore, MD	2104008510	Stationary Fuel Comb /Residential /Wood /Furnace: Indoor, cordwood-fired, n	0.1042	0.1066	1.5982	0.1175
24510	Baltimore City	Baltimore, MD	2104008610	Stationary Fuel Comb /Residential /Wood /Hydronic heater: outdoor	0.8061	0.8246	12.3595	0.9090
24510	Baltimore City	Baltimore, MD	2104009000	Stationary Fuel Comb /Residential /Firelog /Total: All Combustor Types	0.0000	4.8093	17.7753	0.0000
24510	Baltimore City	Baltimore, MD	2104011000	Stationary Fuel Comb /Residential /Kerosene /Total: All Heater Types	0.4250	7.6533	0.9040	0.0886
24510	Baltimore City	Baltimore, MD	2294000000	Paved Roads /All Paved Roads /Total: Fugitives	0.0000	0.0000	83.5230	0.0000
24510	Baltimore City	Baltimore, MD	2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives	0.0000	0.0000	0.3966	0.0000
24510	Baltimore City	Baltimore, MD	2302002100	Food & Kindred Products /Commercial Cooking - Charbroiling /Conveyorized Ch	0.0000	0.0000	19.5776	0.0000
24510	Baltimore City	Baltimore, MD	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Cha	0.0000	0.0000	113.7827	0.0000
24510	Baltimore City	Baltimore, MD	2302003000	Food & Kindred Products /Commercial Cooking - Frying /Deep Fat Frying	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2302003100	Food & Kindred Products /Commercial Cooking - Frying /Flat Griddle Frying	0.0000	0.0000	22.3847	0.0000
24510	Baltimore City	Baltimore, MD	2302003200	Food & Kindred Products /Commercial Cooking - Frying /Clamshell Griddle Fry	0.0000	0.0000	2.3276	0.0000
24510	Baltimore City	Baltimore, MD	2302050000	Food & Kindred Products /Bakery Products /Total	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2302070001	Food & Kindred Products /Fermentation/Beverages /Breweries	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2311010000	Construction: SIC 15 - 17 /Residential /Total	0.0000	0.0000	0.7332	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24510	Baltimore City	Baltimore, MD	2311020000	Construction: SIC 15 - 17 /Industrial/Commercial/Institutional /Total	0.0000	0.0000	104.0266	0.0000
24510	Baltimore City	Baltimore, MD	2311030000	Construction: SIC 15 - 17 /Road Construction /Total	0.0000	0.0000	11.2178	0.0000
24510	Baltimore City	Baltimore, MD	2401002000	Surface Coating /Architectural Coatings - Solvent-based /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401003000	Surface Coating /Architectural Coatings - Water-based /Total: All Solvent T	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401005000	Surface Coating /Auto Refinishing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401015000	Surface Coating /Factory Finished Wood /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401020000	Surface Coating /Wood Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401025000	Surface Coating /Metal Furniture /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401030000	Surface Coating /Paper /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401040000	Surface Coating /Metal Cans /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401055000	Surface Coating /Machinery & Equipment /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401060000	Surface Coating /Large Appliances /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401065000	Surface Coating /Electronic & Other Electrical /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401070000	Surface Coating /Motor Vehicles /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401075000	Surface Coating /Aircraft /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401080000	Surface Coating /Marine /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401085000	Surface Coating /Railroad /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401090000	Surface Coating /Misc Manufacturing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401100000	Surface Coating /Industrial Maintenance Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2401200000	Surface Coating /Other Special Purpose Coatings /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2415300000	Degreasing /All Industries: Cold Cleaning /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2420000000	Dry Cleaning /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2425000000	Graphic Arts /All Processes /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2440020000	Misc Industrial /Adhesive (Industrial) Application /Total: All Solvent Type	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2460100000	Misc Non-indus: Consumer & Comm /All Personal Care Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2460200000	Misc Non-indus: Consumer & Comm /All Household Products /Total: All Solvent	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2460400000	Misc Non-indus: Consumer & Comm /All Auto Aftermarket Products /Total: All	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2460500000	Misc Non-indus: Consumer & Comm /All Coatings & Related Products /Total: Al	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2460600000	Misc Non-indus: Consumer & Comm /All Adhesives & Sealants /Total: All Solve	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2460800000	Misc Non-indus: Consumer & Comm /All FIFRA Related Products /Total: All Sol	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2460900000	Misc Non-indus: Consumer & Comm /Misc Products (Not Otherwise Covered) /Tot	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total:	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Typ	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2461800000	Misc Non-industrial: Commercial /Pesticide Application: All Processes /Tota	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501011011	Residential Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501011012	Residential Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501011013	Residential Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501012011	Commercial Portable Gas Cans /Permeation	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501012012	Commercial Portable Gas Cans /Evaporation (includes Diurnal losses)	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501012013	Commercial Portable Gas Cans /Spillage During Transport	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24510	Baltimore City	Baltimore, MD	2501060051	Gasoline Service Stations /Stage 1: Submerged Filling	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501060053	Gasoline Service Stations /Stage 1: Balanced Submerged Filling	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501060201	Gasoline Service Stations /Underground Tank: Breathing and Emptying	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501080050	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 1: Tot	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2501080100	Petrol & Petrol Product Storage /Airports : Aviation Gasoline /Stage 2: Tot	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2505020030	Petrol & Petrol Product Transport /Marine Vessel /Crude Oil	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2505020060	Petrol & Petrol Product Transport /Marine Vessel /Residual Oil	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2505020090	Petrol & Petrol Product Transport /Marine Vessel /Distillate Oil	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2505020120	Petrol & Petrol Product Transport /Marine Vessel /Gasoline	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2505020150	Petrol & Petrol Product Transport /Marine Vessel /Jet Naphtha	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2505020180	Petrol & Petrol Product Transport /Marine Vessel /Kerosene	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2505030120	Petrol & Petrol Product Transport /Truck /Gasoline	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2601000000	On-site Incineration /All Categories /Total	0.0000	1.0100	0.0000	19.6000
24510	Baltimore City	Baltimore, MD	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for L	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wast	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2620030000	Landfills /Municipal /Total	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2630020000	Wastewater Treatment /Public Owned /Total Processed	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801000003	Agric - Crops /Tilling	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700001	Agric - Crops /Fertilizer Application /Anhydrous Ammonia	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700002	Agric - Crops /Fertilizer Application /Aqueous Ammonia	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700003	Agric - Crops /Fertilizer Application /Nitrogen Solutions	0.0100	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700004	Agric - Crops /Fertilizer Application /Urea	1.6447	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700005	Agric - Crops /Fertilizer Application /Ammonium Nitrate	0.0165	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700006	Agric - Crops /Fertilizer Application /Ammonium Sulfate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700007	Agric - Crops /Fertilizer Application /Ammonium Thiosulfate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700010	Agric - Crops /Fertilizer Application /N-P-K (multi-grade nutrient fertiliz	8.0270	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700011	Agric - Crops /Fertilizer Application /Calcium Ammonium Nitrate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700012	Agric - Crops /Fertilizer Application /Potassium Nitrate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700013	Agric - Crops /Fertilizer Application /Diammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700014	Agric - Crops /Fertilizer Application /Monoammonium Phosphate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700015	Agric - Crops /Fertilizer Application /Liquid Ammonium Polyphosphate	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2801700099	Agric - Crops /Fertilizer Application /Miscellaneous Fertilizers	0.0695	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805001100	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805001200	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805001300	Agric - Livestock /Beef cattle - finishing operations on feedlots (drylots	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805002000	Agric - Livestock /Beef cattle production composite /Not Elsewhere Classifi	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805003100	Agric - Livestock /Beef cattle - finishing operations on pasture/range /Co	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805007100	Agric - Livestock /Poultry production - layers with dry manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805007300	Agric - Livestock /Poultry production - layers with dry manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805008100	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000	0.0000	0.0000	0.0000

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FIPS	CNTY_NAME	NONATTAINMENT			NH3 2025	NOX 2025	PM25 2025	SO2 2025
		AREA	SCC	SCC_DESCRIPTION				
24510	Baltimore City	Baltimore, MD	2805008200	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805008300	Agric - Livestock /Poultry production - layers with wet manure management s	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805009100	Agric - Livestock /Poultry production - broilers /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805009200	Agric - Livestock /Poultry production - broilers /Manure handling and stora	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805009300	Agric - Livestock /Poultry production - broilers /Land application of manur	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805010100	Agric - Livestock /Poultry production - turkeys /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805010200	Agric - Livestock /Poultry production - turkeys /Manure handling and storag	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805010300	Agric - Livestock /Poultry production - turkeys /Land application of manure	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805018000	Agric - Livestock /Dairy cattle composite /Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805019100	Agric - Livestock /Dairy cattle - flush dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805019200	Agric - Livestock /Dairy cattle - flush dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805019300	Agric - Livestock /Dairy cattle - flush dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805021100	Agric - Livestock /Dairy cattle - scrape dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805021200	Agric - Livestock /Dairy cattle - scrape dairy /Manure handling and storage	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805021300	Agric - Livestock /Dairy cattle - scrape dairy /Land application of manure	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805022100	Agric - Livestock /Dairy cattle - deep pit dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805022200	Agric - Livestock /Dairy cattle - deep pit dairy /Manure handling and stora	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805022300	Agric - Livestock /Dairy cattle - deep pit dairy /Land application of manur	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805023100	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Confinement	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805023200	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Manure handling and	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805023300	Agric - Livestock /Dairy cattle - drylot/pasture dairy /Land application of	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805025000	Agric - Livestock /Swine production composite /Not Elsewhere Classified (se	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805030000	Agric - Livestock /Poultry Waste Emissions /Not Elsewhere Classified (see a	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805030007	Agric - Livestock /Poultry Waste Emissions /Ducks	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805030008	Agric - Livestock /Poultry Waste Emissions /Geese	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805035000	Agric - Livestock /Horses & Ponies Waste Emissions /Not Elsewhere Classifie	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805039100	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805039200	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805039300	Agric - Livestock /Swine production - operations with lagoons (unspecified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805040000	Agric - Livestock /Sheep & Lambs Waste Emissions /Total	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805045000	Agric - Livestock /Goats Waste Emissions /Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805047100	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805047300	Agric - Livestock /Swine production - deep-pit house operations (unspecifie	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2805053100	Agric - Livestock /Swine production - outdoor operations (unspecified anima	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2810001000	Forest Wildfires - Wildfires - Unspecified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method (use 26100	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2810015000	Prescribed Forest Burning /Unspecified	0.0000	0.0000	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2810030000	Structure Fires /Unspecified	0.0000	1.7980	0.0000	0.0000
24510	Baltimore City	Baltimore, MD	2810050000	Motor Vehicle Fires /Unspecified	0.0000	0.3735	9.2642	0.0000

Appendix C-3  
2025 On-Road Mobile Source Emissions

**Table: VII - 2025 PM2.5 Re-designation Annual Emissions Summary  
(Based on the SHA-PPSuite-MOVES Process)**

<b>County</b>	<b>VMT</b>	<b>NO<sub>x</sub></b>	<b>Total PM2.5</b>	<b>SO<sub>2</sub></b>	<b>NH<sub>3</sub></b>
Anne Arundel	7,619,850,404	4,267.05	189.3	55.89	194.56
Baltimore	10,146,999,503	5,585.84	240.04	71.45	249.44
Carroll	1,715,255,647	1,014.74	44.02	12.59	42.01
Harford	3,020,269,319	1,658.47	66.18	20.57	73.34
Howard	5,880,894,232	3,279.20	144.16	43.33	152.8
Baltimore City	4,042,022,572	2,190.50	103.05	29.22	97.15
<b>Baltimore N/A Area</b>	<b>32,425,291,677</b>	<b>17,995.80</b>	<b>786.75</b>	<b>233.06</b>	<b>809.3</b>

BNAABudget 21,594.96 1,051.39

Notes:

1. Emission Estimates are in short tons per year.
2. VMT estimates are in million miles per year.
3. Washington area estimates are being developed by MWCOG.
4. Totals may not add due to rounding errors.



Appendix C-4  
2025 Off-Road Mobile Source Emissions

## APP\_C-4\_MAR

State	FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	NH3 2025	NOX 2025	PM25 2025	SO2 2025
MD	24003	Anne Arundel	Baltimore, MD	2265008005	Airport Ground Support Equipment, 4-Stroke Gasoline	0.000	39.812	1.132	2.105
MD	24003	Anne Arundel	Baltimore, MD	2267008005	Airport Ground Support Equipment, LPG	0.000	10.994	0.313	0.581
MD	24003	Anne Arundel	Baltimore, MD	2268008005	Airport Ground Support Equipment, CNG	0.000	3.093	0.088	0.164
MD	24003	Anne Arundel	Baltimore, MD	2270008005	Airport Ground Support Equipment, Diesel	0.000	189.293	5.385	10.011
MD	24003	Anne Arundel	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	5.804	0.000	0.687
MD	24003	Anne Arundel	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	1341.487	0.000	158.231
MD	24003	Anne Arundel	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	69.990	0.000	9.266
MD	24003	Anne Arundel	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	14.371	0.000	1.694
MD	24003	Anne Arundel	Baltimore, MD	2275070000	Aircraft /Aircraft Auxiliary Power Units /Total	0.000	47.279	7.958	7.540
MD	24003	Anne Arundel	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	0.163	183.837	5.586	0.840
MD	24003	Anne Arundel	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.740	417.090	12.673	1.906
MD	24003	Anne Arundel	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.083	120.371	1.866	4.277
MD	24003	Anne Arundel	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	29.640	0.634	0.003
MD	24003	Anne Arundel	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24003	Anne Arundel	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24003	Anne Arundel	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	16.082	0.420	0.003
MD	24003	Anne Arundel	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	17.146	0.364	0.001
MD	24005	Baltimore	Baltimore, MD	2265008005	Airport Ground Support Equipment, 4-Stroke Gasoline	0.000	4.589	0.101	0.174
MD	24005	Baltimore	Baltimore, MD	2267008005	Airport Ground Support Equipment, LPG	0.000	1.267	0.028	0.048
MD	24005	Baltimore	Baltimore, MD	2268008005	Airport Ground Support Equipment, CNG	0.000	0.357	0.008	0.014
MD	24005	Baltimore	Baltimore, MD	2270008005	Airport Ground Support Equipment, Diesel	0.000	21.821	0.482	0.829
MD	24005	Baltimore	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	1.716	0.000	0.682
MD	24005	Baltimore	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	1.126	0.000	0.447
MD	24005	Baltimore	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	15.171	0.000	6.766
MD	24005	Baltimore	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	3.315	0.000	1.317
MD	24005	Baltimore	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	0.798	899.717	27.338	4.111
MD	24005	Baltimore	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.255	143.716	4.367	0.657
MD	24005	Baltimore	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.007	11.971	0.172	0.388
MD	24005	Baltimore	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	159.874	3.414	0.016
MD	24005	Baltimore	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	2.124	0.060	0.000
MD	24005	Baltimore	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24005	Baltimore	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	15.136	0.395	0.003
MD	24005	Baltimore	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	71.409	1.524	0.003
MD	24013	Carroll	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	0.206	0.000	0.032
MD	24013	Carroll	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	3.249	0.000	4.998
MD	24013	Carroll	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.020	0.000	0.002
MD	24013	Carroll	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	67.327	1.439	0.007
MD	24013	Carroll	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	27.335	0.771	0.001
MD	24013	Carroll	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	0.000	0.000	0.000
MD	24013	Carroll	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	54.289	0.000	6.841
MD	24025	Harford	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	0.509	0.000	0.784
MD	24025	Harford	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	0.033	18.636	0.566	0.085
MD	24025	Harford	Baltimore, MD	2280003200	Marine Vessels, Commercial /Residual /Underway emissions	0.007	11.971	0.172	0.388

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State	FIPS	CNTY_NAME	AREA	SCC	SCC_DESCRIPTION	NH3 2025	NOX 2025	PM25 2025	SO2 2025
MD	24025	Harford	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	62.052	1.325	0.006
MD	24025	Harford	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24025	Harford	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	18.920	0.494	0.003
MD	24025	Harford	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	0.017	0.000	0.027
MD	24027	Howard	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	124.435	2.659	0.013
MD	24027	Howard	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24027	Howard	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	9.460	0.246	0.002
MD	24027	Howard	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275001000	Aircraft /Military Aircraft /Total	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275020000	Aircraft /Commercial Aircraft /Total: All Types	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275050000	Aircraft /General Aviation /Total	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2275060000	Aircraft /Air Taxi /Total	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2280002100	Marine Vessels, Commercial /Diesel /Port emissions	2.465	2778.090	84.413	12.693
MD	24510	Baltimore City	Baltimore, MD	2280002200	Marine Vessels, Commercial /Diesel /Underway emissions	1.173	661.091	20.087	3.021
MD	24510	Baltimore City	Baltimore, MD	2280003100	Marine Vessels, Commercial /Residual /Port emissions	0.764	574.853	9.261	26.080
MD	24510	Baltimore City	Baltimore, MD	2285002006	Railroad Equipment /Diesel /Line Haul Locomotives: Class I Operations	0.000	92.054	1.967	0.009
MD	24510	Baltimore City	Baltimore, MD	2285002007	Railroad Equipment /Diesel /Line Haul Locomotives: Class II / III Operations	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002008	Railroad Equipment /Diesel /Line Haul Locomotives: Passenger Trains (Amtrak)	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002009	Railroad Equipment /Diesel /Line Haul Locomotives: Commuter Lines	0.000	0.000	0.000	0.000
MD	24510	Baltimore City	Baltimore, MD	2285002010	Railroad Equipment /Diesel /Yard Locomotives	0.000	156.421	3.336	0.007

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24003	Anne Arundel	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.016	1.498	3.781	0.012
24003	Anne Arundel	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.015	2.116	0.656	0.015
24003	Anne Arundel	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.003	0.452	0.027	0.003
24003	Anne Arundel	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.151	0.856	0.001
24003	Anne Arundel	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.010	0.030	0.000
24003	Anne Arundel	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.012	0.036	0.000
24003	Anne Arundel	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.003	0.396	2.231	0.002
24003	Anne Arundel	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.002	0.007	0.000
24003	Anne Arundel	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.051	0.147	0.000
24003	Anne Arundel	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.003	0.411	1.201	0.003
24003	Anne Arundel	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.005	0.694	2.011	0.004
24003	Anne Arundel	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.034	4.554	24.730	0.028
24003	Anne Arundel	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.006	0.973	2.902	0.006
24003	Anne Arundel	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.027	3.998	12.912	0.024
24003	Anne Arundel	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.004	0.622	1.817	0.004
24003	Anne Arundel	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.026	3.706	14.682	0.023
24003	Anne Arundel	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.003	0.223	0.695	0.002
24003	Anne Arundel	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.011	0.877	2.731	0.008
24003	Anne Arundel	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.002	0.005	0.000
24003	Anne Arundel	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.001	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.104	0.311	0.001
24003	Anne Arundel	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.005	0.706	2.297	0.004
24003	Anne Arundel	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.004	0.013	0.000
24003	Anne Arundel	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.055	0.330	0.000
24003	Anne Arundel	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.005	0.948	0.109	0.005
24003	Anne Arundel	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.053	6.896	1.028	0.054
24003	Anne Arundel	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.011	1.703	0.101	0.011
24003	Anne Arundel	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.003	0.579	0.021	0.003
24003	Anne Arundel	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.001	0.122	0.007	0.001
24003	Anne Arundel	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.002	0.233	0.022	0.002
24003	Anne Arundel	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.220	0.012	0.002
24003	Anne Arundel	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.003	0.432	0.029	0.003
24003	Anne Arundel	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.187	0.013	0.001
24003	Anne Arundel	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.010	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.003	0.384	0.026	0.003
24003	Anne Arundel	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.001	0.172	0.013	0.001
24003	Anne Arundel	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.005	0.832	0.047	0.006
24003	Anne Arundel	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.003	0.379	0.026	0.003
24003	Anne Arundel	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.035	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.053	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.041	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.001	0.096	0.005	0.001
24003	Anne Arundel	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.002	0.264	0.014	0.002
24003	Anne Arundel	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.001	0.195	0.008	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24003	Anne Arundel	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.062	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.055	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.000	0.096	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.000	0.051	0.003	0.000
24003	Anne Arundel	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.006	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.004	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.004	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.003	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.053	7.423	0.870	0.054
24003	Anne Arundel	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.070	10.202	1.287	0.071
24003	Anne Arundel	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.004	0.622	0.073	0.005
24003	Anne Arundel	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.036	5.097	0.607	0.037
24003	Anne Arundel	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.042	0.005	0.000
24003	Anne Arundel	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.002	0.234	0.022	0.002
24003	Anne Arundel	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.079	0.009	0.001
24003	Anne Arundel	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.066	9.329	0.540	0.068
24003	Anne Arundel	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.006	1.558	0.035	0.006
24003	Anne Arundel	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.023	6.121	0.139	0.025
24003	Anne Arundel	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.010	1.448	0.077	0.011
24003	Anne Arundel	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.008	1.091	0.060	0.008
24003	Anne Arundel	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.009	1.258	0.063	0.009
24003	Anne Arundel	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.004	0.585	0.069	0.004
24003	Anne Arundel	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.139	19.380	1.038	0.142
24003	Anne Arundel	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.105	14.820	0.815	0.107
24003	Anne Arundel	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.017	2.403	0.136	0.018
24003	Anne Arundel	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.337	47.953	3.260	0.344
24003	Anne Arundel	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.005	0.711	0.061	0.005
24003	Anne Arundel	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.010	1.496	0.127	0.011
24003	Anne Arundel	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.007	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.012	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.024	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.050	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.019	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.023	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.011	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.127	19.044	1.081	0.132
24003	Anne Arundel	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.032	5.022	0.393	0.033
24003	Anne Arundel	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.017	2.558	0.185	0.017
24003	Anne Arundel	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.036	5.519	0.300	0.038
24003	Anne Arundel	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.057	8.689	0.674	0.059
24003	Anne Arundel	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.003	0.415	0.027	0.003
24003	Anne Arundel	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.001	0.114	0.005	0.001
24003	Anne Arundel	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.084	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.023	0.001	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24003	Anne Arundel	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equip /Rollers	0.000	0.039	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equip /Paving Equip	0.000	0.010	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equip /Surfacing Equip	0.000	0.004	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equip /Trenchers	0.000	0.071	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equip /Bore/Drill Rigs	0.000	0.073	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equip /Concrete/Industrial Saws	0.000	0.066	0.004	0.001
24003	Anne Arundel	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equip /Cranes	0.000	0.034	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equip /Crushing/Processing Equip	0.000	0.005	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equip /Rough Terrain Forklifts	0.000	0.046	0.003	0.001
24003	Anne Arundel	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equip /Rubber Tire Loaders	0.000	0.110	0.007	0.001
24003	Anne Arundel	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equip /Tractors/Loaders/Backhoes	0.000	0.012	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equip /Skid Steer Loaders	0.000	0.127	0.006	0.001
24003	Anne Arundel	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equip /Other Construction Equip	0.000	0.058	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equip /Aerial Lifts	0.000	0.528	0.021	0.004
24003	Anne Arundel	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equip /Forklifts	0.000	31.291	1.951	0.362
24003	Anne Arundel	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equip /Sweepers/Scrubbers	0.000	0.239	0.015	0.003
24003	Anne Arundel	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equip /Other General Industrial Equip	0.000	0.074	0.005	0.001
24003	Anne Arundel	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equip /Other Material H&Iing Equip	0.000	0.023	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equip /Terminal Tractors	0.000	0.146	0.009	0.002
24003	Anne Arundel	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equip /Chippers/Stump Grinders (Commercial)	0.000	0.734	0.046	0.008
24003	Anne Arundel	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equip /Other Agricultural Equip	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equip /Irrigation Sets	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equip /Generator Sets	0.000	5.416	0.131	0.025
24003	Anne Arundel	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equip /Pumps	0.000	0.700	0.031	0.006
24003	Anne Arundel	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equip /Air Compressors	0.000	0.604	0.037	0.007
24003	Anne Arundel	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equip /Welders	0.000	0.755	0.046	0.009
24003	Anne Arundel	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equip /Pressure Washers	0.000	0.015	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equip /Hydro-power Units	0.000	0.010	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equip /Other Construction Equip	0.000	0.002	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equip /Forklifts	0.000	2.229	0.133	0.024
24003	Anne Arundel	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equip /Sweepers/Scrubbers	0.000	0.003	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equip /Other General Industrial Equip	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equip /AC\Refrigeration	0.000	0.008	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equip /Terminal Tractors	0.000	0.010	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equip /Other Agricultural Equip	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equip /Irrigation Sets	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equip /Generator Sets	0.000	1.628	0.032	0.006
24003	Anne Arundel	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equip /Pumps	0.000	0.047	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equip /Air Compressors	0.000	0.041	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equip /Gas Compressors	0.000	1.497	0.092	0.015
24003	Anne Arundel	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equip /Hydro-power Units	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equip /Other Oil Field Equip	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equip /Specialty Vehicles/Carts	0.003	1.719	0.167	0.002
24003	Anne Arundel	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equip /Pavers	0.019	3.289	0.091	0.011
24003	Anne Arundel	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equip /Tampers/Rammers	0.000	0.028	0.002	0.000
24003	Anne Arundel	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equip /Plate Compactors	0.001	0.459	0.036	0.000
24003	Anne Arundel	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equip /Rollers	0.047	9.503	0.366	0.029
24003	Anne Arundel	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equip /Scrapers	0.051	6.278	0.275	0.031
24003	Anne Arundel	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equip /Paving Equip	0.003	0.715	0.035	0.002
24003	Anne Arundel	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equip /Surfacing Equip	0.002	0.723	0.037	0.001

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24003	Anne Arundel	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.005	4.176	0.259	0.004
24003	Anne Arundel	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.022	9.357	0.254	0.014
24003	Anne Arundel	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.019	9.657	0.445	0.013
24003	Anne Arundel	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.189	20.218	0.628	0.113
24003	Anne Arundel	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.002	0.691	0.021	0.001
24003	Anne Arundel	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.001	0.468	0.031	0.001
24003	Anne Arundel	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.043	6.861	0.263	0.027
24003	Anne Arundel	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.047	3.794	0.145	0.028
24003	Anne Arundel	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.162	57.919	0.920	0.096
24003	Anne Arundel	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.008	2.155	0.061	0.005
24003	Anne Arundel	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.061	10.865	0.564	0.037
24003	Anne Arundel	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.206	41.383	1.666	0.127
24003	Anne Arundel	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.125	43.772	5.787	0.083
24003	Anne Arundel	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.188	30.402	0.988	0.114
24003	Anne Arundel	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.086	51.020	5.410	0.059
24003	Anne Arundel	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.020	7.079	0.196	0.012
24003	Anne Arundel	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.167	0.018	0.000
24003	Anne Arundel	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.019	5.391	0.303	0.013
24003	Anne Arundel	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.003	1.908	0.183	0.002
24003	Anne Arundel	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.041	8.887	0.117	0.024
24003	Anne Arundel	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.018	2.924	0.079	0.011
24003	Anne Arundel	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.018	3.180	0.131	0.011
24003	Anne Arundel	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.001	0.354	0.033	0.000
24003	Anne Arundel	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.095	61.713	0.931	0.058
24003	Anne Arundel	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.026	2.277	0.063	0.015
24003	Anne Arundel	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.006	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.002	0.705	0.030	0.001
24003	Anne Arundel	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.044	33.896	1.747	0.032
24003	Anne Arundel	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.009	8.083	0.598	0.007
24003	Anne Arundel	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.060	26.460	1.520	0.041
24003	Anne Arundel	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.007	2.634	0.083	0.004
24003	Anne Arundel	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.124	0.008	0.000
24003	Anne Arundel	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.026	9.544	0.563	0.017
24003	Anne Arundel	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.002	1.112	0.077	0.002
24003	Anne Arundel	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.008	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.001	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.093	0.006	0.000
24003	Anne Arundel	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.095	0.009	0.000
24003	Anne Arundel	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	0.206	0.015	0.000
24003	Anne Arundel	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.091	0.005	0.000
24003	Anne Arundel	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.061	36.980	2.123	0.043
24003	Anne Arundel	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.014	8.376	0.526	0.010
24003	Anne Arundel	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.040	12.473	0.389	0.025
24003	Anne Arundel	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.020	13.067	1.108	0.014
24003	Anne Arundel	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.002	1.221	0.064	0.001
24003	Anne Arundel	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.002	0.643	0.022	0.001
24003	Anne Arundel	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24003	Anne Arundel	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.004	0.303	0.011	0.003
24003	Anne Arundel	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.000	0.000	0.000
24003	Anne Arundel	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.110	47.794	1.246	0.108
24003	Anne Arundel	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.046	22.667	0.226	0.046
24003	Anne Arundel	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.083	33.523	0.481	0.084
24003	Anne Arundel	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.054	54.280	1.273	0.201
24003	Anne Arundel	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.113	0.010	0.001
24003	Anne Arundel	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.002	0.717	0.073	0.001
24003	Anne Arundel	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.015	0.001	0.000
24003	Anne Arundel	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.008	0.749	1.890	0.006
24005	Baltimore	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.008	1.058	0.328	0.008
24005	Baltimore	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.002	0.226	0.014	0.002
24005	Baltimore	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.003	0.349	1.982	0.002
24005	Baltimore	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.023	0.070	0.000
24005	Baltimore	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.028	0.084	0.000
24005	Baltimore	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.001	0.000
24005	Baltimore	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.007	0.917	5.167	0.006
24005	Baltimore	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.005	0.017	0.000
24005	Baltimore	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.001	0.084	0.243	0.001
24005	Baltimore	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.003	0.495	1.443	0.003
24005	Baltimore	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.008	1.150	3.332	0.007
24005	Baltimore	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.041	5.474	29.725	0.034
24005	Baltimore	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.011	1.612	4.809	0.010
24005	Baltimore	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.032	4.805	15.521	0.029
24005	Baltimore	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.007	1.030	3.011	0.006
24005	Baltimore	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.031	4.455	17.648	0.027
24005	Baltimore	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.005	0.370	1.152	0.003
24005	Baltimore	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.013	1.055	3.283	0.009
24005	Baltimore	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.002	0.006	0.000
24005	Baltimore	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.002	0.006	0.000
24005	Baltimore	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.159	0.475	0.001
24005	Baltimore	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.007	1.080	3.513	0.007
24005	Baltimore	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24005	Baltimore	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.006	0.020	0.000
24005	Baltimore	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.031	0.184	0.000
24005	Baltimore	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.003	0.471	0.055	0.003
24005	Baltimore	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.026	3.425	0.514	0.027
24005	Baltimore	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.023	3.573	0.213	0.024
24005	Baltimore	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.288	0.010	0.001
24005	Baltimore	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.002	0.281	0.016	0.002
24005	Baltimore	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.002	0.000	0.000
24005	Baltimore	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.004	0.535	0.051	0.004
24005	Baltimore	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.003	0.507	0.028	0.003
24005	Baltimore	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.007	0.994	0.068	0.007
24005	Baltimore	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.003	0.431	0.030	0.003



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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24005	Baltimore	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.023	0.002	0.000
24005	Baltimore	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.006	0.883	0.061	0.006
24005	Baltimore	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.002	0.395	0.029	0.002
24005	Baltimore	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.012	1.914	0.108	0.013
24005	Baltimore	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.006	0.871	0.060	0.006
24005	Baltimore	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.080	0.003	0.000
24005	Baltimore	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.001	0.122	0.008	0.001
24005	Baltimore	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.001	0.095	0.005	0.001
24005	Baltimore	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.002	0.222	0.012	0.002
24005	Baltimore	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.004	0.608	0.033	0.004
24005	Baltimore	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.003	0.449	0.019	0.003
24005	Baltimore	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.001	0.142	0.008	0.001
24005	Baltimore	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.001	0.126	0.004	0.001
24005	Baltimore	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.000	0.175	0.002	0.000
24005	Baltimore	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.001	0.092	0.005	0.001
24005	Baltimore	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.012	0.001	0.000
24005	Baltimore	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.008	0.000	0.000
24005	Baltimore	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.007	0.000	0.000
24005	Baltimore	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /ACRefrigeration	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.005	0.000	0.000
24005	Baltimore	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.088	12.216	1.441	0.089
24005	Baltimore	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.084	12.179	1.546	0.086
24005	Baltimore	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.007	1.024	0.121	0.007
24005	Baltimore	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.043	6.085	0.730	0.044
24005	Baltimore	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.068	0.008	0.000
24005	Baltimore	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.002	0.279	0.027	0.002
24005	Baltimore	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.130	0.016	0.001
24005	Baltimore	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.079	11.138	0.649	0.081
24005	Baltimore	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.010	2.570	0.058	0.011
24005	Baltimore	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.028	7.327	0.167	0.031
24005	Baltimore	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.017	2.383	0.128	0.018
24005	Baltimore	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.009	1.302	0.072	0.009
24005	Baltimore	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.010	1.502	0.076	0.011
24005	Baltimore	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.005	0.699	0.083	0.005
24005	Baltimore	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.231	31.892	1.719	0.236
24005	Baltimore	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.126	17.693	0.980	0.128
24005	Baltimore	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.021	2.869	0.163	0.021
24005	Baltimore	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.406	57.248	3.918	0.414
24005	Baltimore	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.008	1.170	0.101	0.008
24005	Baltimore	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.012	1.787	0.153	0.013
24005	Baltimore	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.004	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.013	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.024	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.003	0.000	0.000
24005	Baltimore	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.048	0.002	0.000
24005	Baltimore	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.101	0.003	0.001
24005	Baltimore	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.039	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.048	0.001	0.000
24005	Baltimore	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.023	0.001	0.000

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24005	Baltimore	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.194	28.950	1.653	0.202
24005	Baltimore	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.048	7.635	0.601	0.050
24005	Baltimore	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.026	3.888	0.283	0.027
24005	Baltimore	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.055	8.390	0.459	0.057
24005	Baltimore	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.087	13.208	1.031	0.091
24005	Baltimore	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.004	0.631	0.041	0.004
24005	Baltimore	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.063	0.003	0.000
24005	Baltimore	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.045	0.003	0.000
24005	Baltimore	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.042	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.054	0.003	0.001
24005	Baltimore	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.089	0.006	0.001
24005	Baltimore	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.022	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.010	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.164	0.010	0.002
24005	Baltimore	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.168	0.003	0.001
24005	Baltimore	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.153	0.010	0.002
24005	Baltimore	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.079	0.003	0.001
24005	Baltimore	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.012	0.001	0.000
24005	Baltimore	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.106	0.006	0.001
24005	Baltimore	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.254	0.016	0.003
24005	Baltimore	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.027	0.002	0.000
24005	Baltimore	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.294	0.013	0.002
24005	Baltimore	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.135	0.005	0.001
24005	Baltimore	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.966	0.038	0.007
24005	Baltimore	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	57.266	3.570	0.663
24005	Baltimore	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.438	0.027	0.005
24005	Baltimore	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.135	0.008	0.002
24005	Baltimore	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.043	0.002	0.000
24005	Baltimore	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.268	0.017	0.003
24005	Baltimore	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.883	0.055	0.010
24005	Baltimore	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	8.285	0.200	0.039
24005	Baltimore	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	1.070	0.047	0.009
24005	Baltimore	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.924	0.057	0.011
24005	Baltimore	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	1.154	0.071	0.013
24005	Baltimore	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.022	0.001	0.000
24005	Baltimore	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.015	0.001	0.000
24005	Baltimore	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.005	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	4.079	0.243	0.045
24005	Baltimore	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.005	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.003	0.000	0.000
24005	Baltimore	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.012	0.001	0.000
24005	Baltimore	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.019	0.001	0.000
24005	Baltimore	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	2.490	0.050	0.009
24005	Baltimore	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.072	0.003	0.000
24005	Baltimore	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.062	0.004	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24005	Baltimore	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	2.290	0.141	0.024
24005	Baltimore	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.029	0.002	0.000
24005	Baltimore	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.860	0.084	0.001
24005	Baltimore	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.043	7.619	0.211	0.026
24005	Baltimore	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.064	0.005	0.000
24005	Baltimore	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.001	1.063	0.083	0.001
24005	Baltimore	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.108	22.011	0.847	0.066
24005	Baltimore	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.118	14.542	0.637	0.072
24005	Baltimore	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.006	1.656	0.080	0.004
24005	Baltimore	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.004	1.676	0.086	0.003
24005	Baltimore	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.012	9.672	0.601	0.009
24005	Baltimore	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.051	21.674	0.588	0.032
24005	Baltimore	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.044	22.369	1.032	0.030
24005	Baltimore	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.438	46.831	1.454	0.262
24005	Baltimore	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.004	1.600	0.049	0.002
24005	Baltimore	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.002	1.083	0.071	0.001
24005	Baltimore	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.100	15.893	0.609	0.062
24005	Baltimore	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.109	8.787	0.335	0.065
24005	Baltimore	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.375	134.160	2.131	0.223
24005	Baltimore	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.018	4.992	0.142	0.011
24005	Baltimore	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.140	25.167	1.307	0.086
24005	Baltimore	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.477	95.857	3.859	0.293
24005	Baltimore	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.290	101.390	13.405	0.193
24005	Baltimore	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.436	70.420	2.288	0.263
24005	Baltimore	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.199	118.180	12.532	0.138
24005	Baltimore	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.047	16.398	0.453	0.029
24005	Baltimore	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.001	0.387	0.042	0.000
24005	Baltimore	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.045	12.487	0.701	0.029
24005	Baltimore	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.005	3.492	0.336	0.004
24005	Baltimore	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.075	16.263	0.214	0.045
24005	Baltimore	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.033	5.351	0.144	0.020
24005	Baltimore	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.033	5.820	0.240	0.020
24005	Baltimore	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.001	0.647	0.061	0.001
24005	Baltimore	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.145	94.475	1.426	0.089
24005	Baltimore	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.047	4.166	0.115	0.028
24005	Baltimore	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.007	0.000	0.000
24005	Baltimore	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.002	0.847	0.036	0.001
24005	Baltimore	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.053	40.743	2.100	0.038
24005	Baltimore	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.011	9.716	0.719	0.009
24005	Baltimore	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.072	31.805	1.827	0.049
24005	Baltimore	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.009	3.166	0.100	0.005
24005	Baltimore	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.149	0.010	0.000
24005	Baltimore	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24005	Baltimore	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.054	19.524	1.153	0.035
24005	Baltimore	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.005	2.275	0.157	0.003
24005	Baltimore	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.016	0.001	0.000
24005	Baltimore	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.002	0.000	0.000
24005	Baltimore	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.191	0.013	0.000
24005	Baltimore	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24005	Baltimore	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.194	0.018	0.000
24005	Baltimore	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	0.420	0.030	0.001
24005	Baltimore	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.001	0.187	0.009	0.000
24005	Baltimore	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.093	56.564	3.247	0.065
24005	Baltimore	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.022	12.812	0.804	0.015
24005	Baltimore	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.061	19.079	0.595	0.038
24005	Baltimore	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.031	19.987	1.695	0.022
24005	Baltimore	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.003	1.868	0.098	0.002
24005	Baltimore	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.003	0.984	0.034	0.002
24005	Baltimore	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.002	0.169	0.006	0.001
24005	Baltimore	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24005	Baltimore	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.191	0.005	0.000
24005	Baltimore	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.085	36.794	0.959	0.084
24005	Baltimore	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.035	17.450	0.174	0.035
24005	Baltimore	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.047	19.069	0.276	0.048
24005	Baltimore	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.031	31.089	0.729	0.115
24005	Baltimore	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.087	0.007	0.001
24005	Baltimore	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.003	1.385	0.141	0.002
24005	Baltimore	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.028	0.002	0.000
24005	Baltimore	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.008	0.749	1.890	0.006
24013	Carroll	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.008	1.058	0.328	0.008
24013	Carroll	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.002	0.226	0.014	0.002
24013	Carroll	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.044	0.251	0.000
24013	Carroll	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.003	0.009	0.000
24013	Carroll	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.004	0.011	0.000
24013	Carroll	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.001	0.116	0.656	0.001
24013	Carroll	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.002	0.000
24013	Carroll	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.015	0.043	0.000
24013	Carroll	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.001	0.156	0.455	0.001
24013	Carroll	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.001	0.205	0.594	0.001
24013	Carroll	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.013	1.726	9.372	0.011
24013	Carroll	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.002	0.287	0.857	0.002
24013	Carroll	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.010	1.515	4.893	0.009
24013	Carroll	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.184	0.537	0.001
24013	Carroll	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.010	1.405	5.564	0.009
24013	Carroll	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.066	0.205	0.001
24013	Carroll	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.004	0.333	1.035	0.003
24013	Carroll	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.001	0.002	0.000
24013	Carroll	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.005	0.015	0.000
24013	Carroll	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.026	0.078	0.000
24013	Carroll	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.001	0.178	0.579	0.001
24013	Carroll	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.001	0.003	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24013	Carroll	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipmt /Chain Saws : 6 HP	0.000	0.023	0.139	0.000
24013	Carroll	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipmt /Motorcycles: Off-road	0.003	0.480	0.055	0.003
24013	Carroll	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipmt /All Terrain Vehicles	0.026	3.488	0.514	0.027
24013	Carroll	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipmt /Golf Carts	0.009	1.340	0.078	0.009
24013	Carroll	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipmt /Specialty Vehicles/Carts	0.001	0.293	0.010	0.001
24013	Carroll	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Pavers	0.000	0.036	0.002	0.000
24013	Carroll	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Tampers/Rammers	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Plate Compactors	0.000	0.069	0.006	0.000
24013	Carroll	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Rollers	0.000	0.065	0.004	0.000
24013	Carroll	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Paving Equipmt	0.001	0.128	0.009	0.001
24013	Carroll	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Surfacing Equipmt	0.000	0.056	0.004	0.000
24013	Carroll	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Signal Boards/Ligh	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Trenchers	0.001	0.114	0.008	0.001
24013	Carroll	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Bore/Drill Rigs	0.000	0.051	0.004	0.000
24013	Carroll	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Concrete/Industria	0.002	0.247	0.014	0.002
24013	Carroll	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Cement & Mortar Mi	0.001	0.113	0.008	0.001
24013	Carroll	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Cranes	0.000	0.010	0.000	0.000
24013	Carroll	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Crushing/Processin	0.000	0.016	0.001	0.000
24013	Carroll	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Rough Terrain Fork	0.000	0.012	0.001	0.000
24013	Carroll	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Rubber Tire Loader	0.000	0.029	0.001	0.000
24013	Carroll	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Tractors/Loaders/B	0.001	0.079	0.004	0.001
24013	Carroll	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Skid Steer Loaders	0.000	0.058	0.002	0.000
24013	Carroll	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Dumpers/Tenders	0.000	0.018	0.001	0.000
24013	Carroll	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipmt /Other Construction	0.000	0.016	0.001	0.000
24013	Carroll	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /Aerial Lifts	0.000	0.025	0.000	0.000
24013	Carroll	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /Forklifts	0.000	0.013	0.001	0.000
24013	Carroll	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /Sweepers/Scrubbers	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /Other General Industrial Equi	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /Other Material H&ling Equipmt	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /AC\Refrigeration	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /Terminal Tractors	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Lawn Mowers (Residential)	0.016	2.217	0.257	0.016
24013	Carroll	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Lawn Mowers (Commercial)	0.027	3.909	0.488	0.027
24013	Carroll	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Rotary Tillers < 6 HP (Res	0.001	0.186	0.022	0.001
24013	Carroll	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Rotary Tillers < 6 HP (Com	0.014	1.953	0.230	0.014
24013	Carroll	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Trimmers/Edgers/Brush Cutt	0.000	0.012	0.001	0.000
24013	Carroll	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Trimmers/Edgers/Brush Cutt	0.001	0.090	0.008	0.001
24013	Carroll	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Leafblowers/Vacuums (Resid	0.000	0.024	0.003	0.000
24013	Carroll	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Leafblowers/Vacuums (Comme	0.025	3.575	0.205	0.026
24013	Carroll	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Snowblowers (Residential)	0.002	0.467	0.010	0.002
24013	Carroll	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Snowblowers (Commercial)	0.009	2.356	0.053	0.010
24013	Carroll	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Rear Engine Riding Mowers	0.003	0.433	0.023	0.003
24013	Carroll	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Rear Engine Riding Mowers	0.003	0.418	0.023	0.003
24013	Carroll	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Front Mowers (Commercial)	0.003	0.482	0.024	0.003
24013	Carroll	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Shredders < 6 HP (Commerci	0.002	0.224	0.026	0.002
24013	Carroll	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Lawn & Garden Tractors (Re	0.041	5.789	0.307	0.042
24013	Carroll	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Lawn & Garden Tractors (Co	0.040	5.679	0.309	0.040
24013	Carroll	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Chippers/Stump Grinders (C	0.007	0.921	0.051	0.007
24013	Carroll	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Turf Equipmt (Commercial)	0.128	18.374	1.235	0.130
24013	Carroll	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipmt /Other Lawn & Garden Equipmt	0.001	0.212	0.018	0.001

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24013	Carroll	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.004	0.573	0.048	0.004
24013	Carroll	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.010	0.001	0.000
24013	Carroll	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.035	0.002	0.000
24013	Carroll	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.065	0.001	0.000
24013	Carroll	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.008	0.000	0.000
24013	Carroll	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.001	0.127	0.006	0.001
24013	Carroll	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.001	0.266	0.009	0.001
24013	Carroll	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.102	0.002	0.000
24013	Carroll	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.125	0.003	0.000
24013	Carroll	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.060	0.003	0.000
24013	Carroll	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.032	4.856	0.272	0.033
24013	Carroll	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.008	1.281	0.099	0.008
24013	Carroll	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.004	0.652	0.047	0.004
24013	Carroll	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.009	1.407	0.076	0.009
24013	Carroll	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.014	2.215	0.170	0.015
24013	Carroll	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.001	0.106	0.007	0.001
24013	Carroll	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.048	0.002	0.000
24013	Carroll	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.046	0.003	0.000
24013	Carroll	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.042	0.001	0.000
24013	Carroll	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.007	0.000	0.000
24013	Carroll	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.011	0.001	0.000
24013	Carroll	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.021	0.001	0.000
24013	Carroll	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.021	0.000	0.000
24013	Carroll	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.019	0.001	0.000
24013	Carroll	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.010	0.000	0.000
24013	Carroll	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.013	0.001	0.000
24013	Carroll	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.032	0.002	0.000
24013	Carroll	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.037	0.002	0.000
24013	Carroll	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.017	0.001	0.000
24013	Carroll	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.135	0.005	0.001
24013	Carroll	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	7.981	0.498	0.092
24013	Carroll	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.061	0.004	0.001
24013	Carroll	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.019	0.001	0.000
24013	Carroll	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.006	0.000	0.000
24013	Carroll	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.037	0.002	0.000
24013	Carroll	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.278	0.017	0.003
24013	Carroll	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	1.364	0.033	0.006
24013	Carroll	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	0.176	0.008	0.001
24013	Carroll	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.152	0.009	0.002
24013	Carroll	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.190	0.012	0.002
24013	Carroll	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.004	0.000	0.000
24013	Carroll	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.002	0.000	0.000

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24013	Carroll	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	0.568	0.034	0.006
24013	Carroll	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	0.410	0.008	0.002
24013	Carroll	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.012	0.000	0.000
24013	Carroll	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.010	0.001	0.000
24013	Carroll	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	0.377	0.023	0.004
24013	Carroll	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.029	0.002	0.000
24013	Carroll	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.860	0.084	0.001
24013	Carroll	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.005	0.967	0.027	0.003
24013	Carroll	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.008	0.001	0.000
24013	Carroll	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.135	0.011	0.000
24013	Carroll	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.014	2.793	0.107	0.008
24013	Carroll	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.015	1.845	0.081	0.009
24013	Carroll	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.001	0.210	0.010	0.001
24013	Carroll	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	0.213	0.011	0.000
24013	Carroll	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.002	1.227	0.076	0.001
24013	Carroll	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.007	2.750	0.075	0.004
24013	Carroll	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.006	2.838	0.131	0.004
24013	Carroll	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.056	5.941	0.185	0.033
24013	Carroll	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.203	0.006	0.000
24013	Carroll	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.137	0.009	0.000
24013	Carroll	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.013	2.016	0.077	0.008
24013	Carroll	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.014	1.115	0.042	0.008
24013	Carroll	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.048	17.021	0.270	0.028
24013	Carroll	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.002	0.633	0.018	0.001
24013	Carroll	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.018	3.193	0.166	0.011
24013	Carroll	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.061	12.161	0.490	0.037
24013	Carroll	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.037	12.863	1.701	0.025
24013	Carroll	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.055	8.934	0.290	0.033
24013	Carroll	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.025	14.993	1.590	0.017
24013	Carroll	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.006	2.080	0.058	0.004
24013	Carroll	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.049	0.005	0.000
24013	Carroll	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.006	1.584	0.089	0.004
24013	Carroll	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.001	0.487	0.047	0.001
24013	Carroll	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.010	2.267	0.030	0.006
24013	Carroll	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.005	0.746	0.020	0.003
24013	Carroll	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.005	0.811	0.033	0.003
24013	Carroll	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.090	0.008	0.000
24013	Carroll	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.030	19.583	0.296	0.018
24013	Carroll	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.007	0.581	0.016	0.004
24013	Carroll	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.002	0.000	0.000
24013	Carroll	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	0.267	0.011	0.000
24013	Carroll	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.017	12.845	0.662	0.012

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24013	Carroll	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.003	3.063	0.227	0.003
24013	Carroll	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.023	10.027	0.576	0.015
24013	Carroll	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.003	0.998	0.032	0.002
24013	Carroll	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.047	0.003	0.000
24013	Carroll	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.003	0.000	0.000
24013	Carroll	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.140	50.613	2.988	0.092
24013	Carroll	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.013	5.897	0.408	0.009
24013	Carroll	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.042	0.003	0.000
24013	Carroll	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.006	0.001	0.000
24013	Carroll	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.001	0.494	0.032	0.001
24013	Carroll	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24013	Carroll	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.001	0.503	0.045	0.001
24013	Carroll	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.003	1.090	0.078	0.002
24013	Carroll	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.002	0.484	0.024	0.001
24013	Carroll	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.015	9.315	0.535	0.011
24013	Carroll	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.004	2.110	0.132	0.003
24013	Carroll	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.010	3.142	0.098	0.006
24013	Carroll	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.005	3.292	0.279	0.004
24013	Carroll	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.000	0.308	0.016	0.000
24013	Carroll	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.000	0.162	0.006	0.000
24013	Carroll	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.002	0.127	0.005	0.001
24013	Carroll	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24013	Carroll	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.191	0.005	0.000
24013	Carroll	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.007	3.035	0.079	0.007
24013	Carroll	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.003	1.439	0.014	0.003
24013	Carroll	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.002	0.840	0.012	0.002
24013	Carroll	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.001	1.344	0.032	0.005
24013	Carroll	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.007	0.001	0.000
24013	Carroll	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.001	0.397	0.041	0.001
24013	Carroll	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.008	0.000	0.000
24013	Carroll	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.013	1.248	3.150	0.010
24025	Harford	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.013	1.764	0.547	0.013
24025	Harford	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.003	0.377	0.023	0.003
24025	Harford	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.093	0.530	0.001
24025	Harford	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.006	0.019	0.000
24025	Harford	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.007	0.023	0.000
24025	Harford	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.002	0.245	1.381	0.002
24025	Harford	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.005	0.000
24025	Harford	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.023	0.066	0.000
24025	Harford	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.001	0.114	0.332	0.001
24025	Harford	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.002	0.313	0.906	0.002
24025	Harford	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.009	1.258	6.833	0.008
24025	Harford	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.003	0.438	1.308	0.003



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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24025	Harford	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.007	1.105	3.568	0.007
24025	Harford	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.002	0.280	0.819	0.002
24025	Harford	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.007	1.024	4.057	0.006
24025	Harford	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.101	0.313	0.001
24025	Harford	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.003	0.242	0.755	0.002
24025	Harford	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.000	0.001	0.000
24025	Harford	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.002	0.007	0.000
24025	Harford	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.000	0.035	0.106	0.000
24025	Harford	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.002	0.241	0.784	0.001
24025	Harford	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.001	0.005	0.000
24025	Harford	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.035	0.209	0.000
24025	Harford	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.004	0.791	0.091	0.004
24025	Harford	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.044	5.755	0.857	0.045
24025	Harford	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.011	1.706	0.101	0.011
24025	Harford	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.002	0.484	0.017	0.002
24025	Harford	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.001	0.076	0.004	0.001
24025	Harford	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.001	0.144	0.014	0.001
24025	Harford	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.137	0.007	0.001
24025	Harford	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.002	0.268	0.018	0.002
24025	Harford	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.116	0.008	0.001
24025	Harford	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.006	0.001	0.000
24025	Harford	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.002	0.238	0.016	0.002
24025	Harford	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.001	0.107	0.008	0.001
24025	Harford	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.003	0.516	0.029	0.003
24025	Harford	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.002	0.235	0.016	0.002
24025	Harford	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.021	0.001	0.000
24025	Harford	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.033	0.002	0.000
24025	Harford	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.025	0.001	0.000
24025	Harford	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.060	0.003	0.000
24025	Harford	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.001	0.164	0.009	0.001
24025	Harford	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.001	0.121	0.005	0.001
24025	Harford	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.038	0.002	0.000
24025	Harford	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.034	0.001	0.000
24025	Harford	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.000	0.040	0.000	0.000
24025	Harford	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.000	0.021	0.001	0.000
24025	Harford	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.002	0.000	0.000
24025	Harford	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.024	3.348	0.392	0.024
24025	Harford	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.019	2.822	0.355	0.020
24025	Harford	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.002	0.281	0.033	0.002
24025	Harford	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.010	1.410	0.168	0.010
24025	Harford	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.019	0.002	0.000
24025	Harford	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.065	0.006	0.000
24025	Harford	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.000	0.036	0.004	0.000
24025	Harford	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.018	2.581	0.149	0.019

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24025	Harford	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.003	0.705	0.016	0.003
24025	Harford	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.006	1.699	0.038	0.007
24025	Harford	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.005	0.653	0.035	0.005
24025	Harford	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.002	0.302	0.017	0.002
24025	Harford	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.002	0.348	0.018	0.002
24025	Harford	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.001	0.162	0.019	0.001
24025	Harford	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.063	8.741	0.467	0.064
24025	Harford	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.029	4.100	0.225	0.029
24025	Harford	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.005	0.665	0.037	0.005
24025	Harford	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.093	13.265	0.901	0.095
24025	Harford	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.002	0.321	0.027	0.002
24025	Harford	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.003	0.414	0.035	0.003
24025	Harford	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.005	0.000	0.000
24025	Harford	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.016	0.001	0.000
24025	Harford	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.029	0.001	0.000
24025	Harford	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.057	0.003	0.000
24025	Harford	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.001	0.120	0.004	0.001
24025	Harford	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.046	0.001	0.000
24025	Harford	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.057	0.001	0.000
24025	Harford	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.027	0.002	0.000
24025	Harford	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.043	6.515	0.369	0.045
24025	Harford	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.011	1.718	0.134	0.011
24025	Harford	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.006	0.875	0.063	0.006
24025	Harford	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.012	1.888	0.103	0.013
24025	Harford	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.019	2.973	0.230	0.020
24025	Harford	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.001	0.142	0.009	0.001
24025	Harford	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.072	0.003	0.000
24025	Harford	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.021	0.001	0.000
24025	Harford	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.070	0.001	0.000
24025	Harford	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.014	0.001	0.000
24025	Harford	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.024	0.001	0.000
24025	Harford	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.006	0.000	0.000
24025	Harford	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.044	0.003	0.000
24025	Harford	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.045	0.001	0.000
24025	Harford	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.041	0.003	0.000
24025	Harford	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.021	0.001	0.000
24025	Harford	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.028	0.002	0.000
24025	Harford	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.068	0.004	0.001
24025	Harford	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.007	0.000	0.000
24025	Harford	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.079	0.003	0.001
24025	Harford	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.036	0.001	0.000
24025	Harford	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.217	0.008	0.002
24025	Harford	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	12.889	0.803	0.149
24025	Harford	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.099	0.006	0.001
24025	Harford	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.030	0.002	0.000

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24025	Harford	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&ling Equipt	0.000	0.010	0.000	0.000
24025	Harford	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.060	0.004	0.001
24025	Harford	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.203	0.013	0.002
24025	Harford	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	1.849	0.045	0.009
24025	Harford	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	0.239	0.010	0.002
24025	Harford	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.206	0.013	0.002
24025	Harford	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.258	0.016	0.003
24025	Harford	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.005	0.000	0.000
24025	Harford	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	0.918	0.055	0.010
24025	Harford	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.004	0.000	0.000
24025	Harford	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	0.556	0.011	0.002
24025	Harford	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.016	0.001	0.000
24025	Harford	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.014	0.001	0.000
24025	Harford	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	0.511	0.031	0.005
24025	Harford	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.013	0.001	0.000
24025	Harford	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.002	1.433	0.139	0.002
24025	Harford	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.012	2.037	0.056	0.007
24025	Harford	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.017	0.001	0.000
24025	Harford	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.284	0.022	0.000
24025	Harford	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.029	5.884	0.226	0.018
24025	Harford	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.031	3.887	0.170	0.019
24025	Harford	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.002	0.443	0.021	0.001
24025	Harford	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	0.448	0.023	0.001
24025	Harford	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.003	2.586	0.161	0.002
24025	Harford	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.014	5.794	0.157	0.009
24025	Harford	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.012	5.980	0.276	0.008
24025	Harford	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.117	12.519	0.389	0.070
24025	Harford	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.001	0.428	0.013	0.001
24025	Harford	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.290	0.019	0.000
24025	Harford	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.027	4.249	0.163	0.017
24025	Harford	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.029	2.349	0.090	0.017
24025	Harford	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.100	35.864	0.570	0.060
24025	Harford	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.005	1.334	0.038	0.003
24025	Harford	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.038	6.728	0.349	0.023
24025	Harford	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.127	25.625	1.032	0.078
24025	Harford	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.078	27.104	3.583	0.052
24025	Harford	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.117	18.825	0.612	0.070
24025	Harford	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.053	31.592	3.350	0.037
24025	Harford	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.013	4.384	0.121	0.008
24025	Harford	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.103	0.011	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24025	Harford	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.012	3.338	0.187	0.008
24025	Harford	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.001	0.786	0.076	0.001
24025	Harford	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.017	3.660	0.048	0.010
24025	Harford	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.007	1.204	0.032	0.004
24025	Harford	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.007	1.310	0.054	0.005
24025	Harford	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.146	0.014	0.000
24025	Harford	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.043	27.946	0.422	0.026
24025	Harford	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.011	0.938	0.026	0.006
24025	Harford	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.002	0.000	0.000
24025	Harford	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.000	0.195	0.008	0.000
24025	Harford	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.012	9.365	0.483	0.009
24025	Harford	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.003	2.233	0.165	0.002
24025	Harford	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.017	7.311	0.420	0.011
24025	Harford	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.002	0.728	0.023	0.001
24025	Harford	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.034	0.002	0.000
24025	Harford	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.064	23.055	1.361	0.042
24025	Harford	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.006	2.686	0.186	0.004
24025	Harford	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.019	0.001	0.000
24025	Harford	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.003	0.000	0.000
24025	Harford	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.225	0.015	0.000
24025	Harford	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.001	0.000	0.000
24025	Harford	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.229	0.021	0.000
24025	Harford	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	0.496	0.035	0.001
24025	Harford	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.001	0.221	0.011	0.001
24025	Harford	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.021	12.626	0.725	0.015
24025	Harford	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.005	2.860	0.180	0.003
24025	Harford	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.014	4.259	0.133	0.008
24025	Harford	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.007	4.461	0.378	0.005
24025	Harford	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.001	0.417	0.022	0.000
24025	Harford	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.001	0.220	0.008	0.000
24025	Harford	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.003	0.192	0.007	0.002
24025	Harford	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24025	Harford	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.087	0.002	0.000
24025	Harford	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.065	28.070	0.732	0.064
24025	Harford	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.027	13.312	0.133	0.027
24025	Harford	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.043	17.352	0.249	0.044
24025	Harford	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.028	28.064	0.658	0.104
24025	Harford	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.066	0.006	0.000
24025	Harford	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.002	0.725	0.074	0.001
24025	Harford	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.015	0.001	0.000
24025	Harford	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.003	0.250	0.630	0.002
24027	Howard	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.003	0.353	0.109	0.003
24027	Howard	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.001	0.075	0.005	0.001
24027	Howard	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.001	0.067	0.380	0.000
24027	Howard	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.004	0.013	0.000

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24027	Howard	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.005	0.016	0.000
24027	Howard	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.001	0.176	0.991	0.001
24027	Howard	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.001	0.003	0.000
24027	Howard	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.000	0.025	0.074	0.000
24027	Howard	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.002	0.335	0.976	0.002
24027	Howard	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.002	0.348	1.010	0.002
24027	Howard	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.028	3.703	20.106	0.023
24027	Howard	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.003	0.488	1.457	0.003
24027	Howard	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.022	3.250	10.498	0.020
24027	Howard	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.002	0.312	0.913	0.002
24027	Howard	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.021	3.013	11.937	0.018
24027	Howard	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.001	0.112	0.349	0.001
24027	Howard	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.009	0.713	2.220	0.006
24027	Howard	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.001	0.004	0.000
24027	Howard	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.001	0.003	0.000
24027	Howard	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.094	0.282	0.001
24027	Howard	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.004	0.640	2.084	0.004
24027	Howard	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24027	Howard	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.004	0.012	0.000
24027	Howard	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.016	0.094	0.000
24027	Howard	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.001	0.158	0.018	0.001
24027	Howard	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.009	1.151	0.171	0.009
24027	Howard	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.009	1.327	0.078	0.009
24027	Howard	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.097	0.003	0.000
24027	Howard	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.054	0.003	0.000
24027	Howard	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.001	0.104	0.010	0.001
24027	Howard	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.001	0.098	0.005	0.001
24027	Howard	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.001	0.192	0.013	0.001
24027	Howard	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.001	0.083	0.006	0.001
24027	Howard	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.001	0.171	0.012	0.001
24027	Howard	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.076	0.006	0.000
24027	Howard	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.002	0.370	0.021	0.002
24027	Howard	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.001	0.169	0.011	0.001
24027	Howard	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.015	0.001	0.000
24027	Howard	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.024	0.002	0.000
24027	Howard	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.018	0.001	0.000
24027	Howard	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.043	0.002	0.000
24027	Howard	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.001	0.118	0.006	0.001
24027	Howard	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.001	0.087	0.004	0.001
24027	Howard	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.027	0.001	0.000
24027	Howard	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.024	0.001	0.000
24027	Howard	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.000	0.054	0.001	0.000
24027	Howard	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.000	0.028	0.002	0.000
24027	Howard	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.002	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24027	Howard	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /ACRefrigeration	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.027	3.733	0.437	0.027
24027	Howard	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.057	8.306	1.046	0.058
24027	Howard	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.002	0.313	0.037	0.002
24027	Howard	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.029	4.150	0.494	0.030
24027	Howard	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.021	0.002	0.000
24027	Howard	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.001	0.190	0.018	0.001
24027	Howard	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.000	0.040	0.005	0.000
24027	Howard	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.054	7.595	0.439	0.055
24027	Howard	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.003	0.785	0.018	0.003
24027	Howard	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.019	4.996	0.113	0.021
24027	Howard	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.005	0.728	0.039	0.005
24027	Howard	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.006	0.888	0.049	0.006
24027	Howard	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.007	1.024	0.052	0.007
24027	Howard	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.003	0.476	0.056	0.003
24027	Howard	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.070	9.745	0.521	0.071
24027	Howard	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.085	12.066	0.663	0.087
24027	Howard	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.014	1.956	0.110	0.014
24027	Howard	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.274	39.041	2.650	0.280
24027	Howard	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.002	0.358	0.031	0.003
24027	Howard	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.008	1.218	0.104	0.009
24027	Howard	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.007	0.000	0.000
24027	Howard	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.013	0.000	0.000
24027	Howard	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.026	0.001	0.000
24027	Howard	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.054	0.002	0.000
24027	Howard	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.021	0.000	0.000
24027	Howard	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.026	0.001	0.000
24027	Howard	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.012	0.001	0.000
24027	Howard	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.115	17.316	0.981	0.120
24027	Howard	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.029	4.567	0.357	0.030
24027	Howard	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.015	2.326	0.168	0.016
24027	Howard	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.033	5.018	0.272	0.034
24027	Howard	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.052	7.900	0.612	0.054
24027	Howard	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.002	0.378	0.024	0.003
24027	Howard	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipt /Shredders : 6 HP	0.000	0.033	0.002	0.000
24027	Howard	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipt /Forest Equipt - Feller/Bunch/Ski	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Oil Field Equipt	0.000	0.017	0.001	0.000
24027	Howard	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.014	0.000	0.000
24027	Howard	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipt /Pavers	0.000	0.010	0.001	0.000
24027	Howard	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipt /Rollers	0.000	0.017	0.001	0.000
24027	Howard	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipt /Paving Equipt	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipt /Surfacing Equipt	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipt /Trenchers	0.000	0.031	0.002	0.000
24027	Howard	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.032	0.001	0.000
24027	Howard	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.029	0.002	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24027	Howard	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipt /Cranes	0.000	0.015	0.001	0.000
24027	Howard	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.002	0.000	0.000
24027	Howard	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.020	0.001	0.000
24027	Howard	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.049	0.003	0.001
24027	Howard	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.056	0.002	0.000
24027	Howard	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.026	0.001	0.000
24027	Howard	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipt /Aerial Lifts	0.000	0.295	0.011	0.002
24027	Howard	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipt /Forklifts	0.000	17.505	1.091	0.203
24027	Howard	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.134	0.008	0.002
24027	Howard	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipt /Other General Industrial Equipt	0.000	0.041	0.003	0.000
24027	Howard	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipt /Other Material H&Iing Equipt	0.000	0.013	0.001	0.000
24027	Howard	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipt /Terminal Tractors	0.000	0.082	0.005	0.001
24027	Howard	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.000	0.597	0.037	0.007
24027	Howard	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipt /Generator Sets	0.000	4.915	0.118	0.023
24027	Howard	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipt /Pumps	0.000	0.635	0.028	0.005
24027	Howard	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipt /Air Compressors	0.000	0.548	0.034	0.006
24027	Howard	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipt /Welders	0.000	0.685	0.042	0.008
24027	Howard	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipt /Pressure Washers	0.000	0.013	0.001	0.000
24027	Howard	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipt /Hydro-power Units	0.000	0.009	0.001	0.000
24027	Howard	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipt /Other Construction Equipt	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipt /Forklifts	0.000	1.247	0.074	0.014
24027	Howard	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipt /Sweepers/Scrubbers	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipt /Other General Industrial Equipt	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipt /AC\Refrigeration	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipt /Terminal Tractors	0.000	0.006	0.000	0.000
24027	Howard	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipt /Generator Sets	0.000	1.477	0.029	0.006
24027	Howard	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipt /Pumps	0.000	0.043	0.002	0.000
24027	Howard	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipt /Air Compressors	0.000	0.037	0.002	0.000
24027	Howard	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipt /Gas Compressors	0.000	1.359	0.084	0.014
24027	Howard	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipt /Hydro-power Units	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipt /Other Oil Field Equipt	0.000	0.011	0.001	0.000
24027	Howard	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.287	0.028	0.000
24027	Howard	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipt /Pavers	0.008	1.462	0.040	0.005
24027	Howard	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipt /Tampers/Rammers	0.000	0.012	0.001	0.000
24027	Howard	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.204	0.016	0.000
24027	Howard	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.021	4.224	0.163	0.013
24027	Howard	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.023	2.790	0.122	0.014
24027	Howard	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.001	0.318	0.015	0.001
24027	Howard	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.001	0.322	0.016	0.001
24027	Howard	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.002	1.856	0.115	0.002
24027	Howard	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.010	4.159	0.113	0.006
24027	Howard	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.008	4.292	0.198	0.006
24027	Howard	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.084	8.986	0.279	0.050
24027	Howard	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.001	0.307	0.009	0.000
24027	Howard	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.208	0.014	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3	NOX	PM25	SO2
					2025	2025	2025	2025
24027	Howard	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.019	3.050	0.117	0.012
24027	Howard	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.021	1.686	0.064	0.013
24027	Howard	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.072	25.742	0.409	0.043
24027	Howard	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.003	0.958	0.027	0.002
24027	Howard	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.027	4.829	0.251	0.017
24027	Howard	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.092	18.393	0.741	0.056
24027	Howard	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.056	19.455	2.572	0.037
24027	Howard	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.084	13.512	0.439	0.051
24027	Howard	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.038	22.676	2.405	0.026
24027	Howard	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.009	3.146	0.087	0.006
24027	Howard	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.074	0.008	0.000
24027	Howard	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.009	2.396	0.135	0.006
24027	Howard	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.002	1.067	0.103	0.001
24027	Howard	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.023	4.971	0.065	0.014
24027	Howard	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.010	1.636	0.044	0.006
24027	Howard	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.010	1.779	0.073	0.006
24027	Howard	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&ling Equipt	0.000	0.198	0.019	0.000
24027	Howard	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.049	31.946	0.482	0.030
24027	Howard	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.014	1.274	0.035	0.009
24027	Howard	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.005	0.000	0.000
24027	Howard	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.001	0.573	0.024	0.001
24027	Howard	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.036	27.558	1.421	0.026
24027	Howard	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.007	6.572	0.487	0.006
24027	Howard	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.049	21.513	1.236	0.033
24027	Howard	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.006	2.141	0.068	0.004
24027	Howard	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.101	0.006	0.000
24027	Howard	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.029	10.459	0.617	0.019
24027	Howard	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.003	1.219	0.084	0.002
24027	Howard	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.009	0.001	0.000
24027	Howard	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.001	0.000	0.000
24027	Howard	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.102	0.007	0.000
24027	Howard	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.104	0.009	0.000
24027	Howard	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.001	0.225	0.016	0.000
24027	Howard	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.100	0.005	0.000
24027	Howard	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.055	33.557	1.927	0.039
24027	Howard	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.013	7.601	0.477	0.009
24027	Howard	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.036	11.319	0.353	0.022
24027	Howard	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.018	11.857	1.006	0.013
24027	Howard	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.002	1.108	0.058	0.001
24027	Howard	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.002	0.584	0.020	0.001
24027	Howard	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.001	0.087	0.003	0.001
24027	Howard	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24027	Howard	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.000	0.070	0.002	0.000
24027	Howard	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.003	1.517	0.040	0.003
24027	Howard	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.001	0.720	0.007	0.001
24027	Howard	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.001	0.416	0.006	0.001



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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24027	Howard	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.001	0.672	0.016	0.002
24027	Howard	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.004	0.000	0.000
24027	Howard	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.002	0.910	0.093	0.001
24027	Howard	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.019	0.001	0.000
24027	Howard	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.001	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001010	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Motorcycles: Off-road	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001020	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Snowmobiles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001030	Off-highway Gasoline, 2-Stroke /Recreational Equipt /All Terrain Vehicles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260001060	Off-highway Gasoline, 2-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002006	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002009	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002021	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002027	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002039	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Concrete/Industria	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260002054	Off-highway Gasoline, 2-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260003030	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260003040	Off-highway Gasoline, 2-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260004015	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.001	0.078	0.226	0.000
24510	Baltimore City	Baltimore, MD	2260004016	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.000	0.062	0.181	0.000
24510	Baltimore City	Baltimore, MD	2260004020	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Residen	0.007	1.068	3.096	0.007
24510	Baltimore City	Baltimore, MD	2260004021	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Chain Saws < 6 HP (Commerc	0.005	0.688	3.736	0.004
24510	Baltimore City	Baltimore, MD	2260004025	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.010	1.498	4.468	0.009
24510	Baltimore City	Baltimore, MD	2260004026	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.004	0.604	1.951	0.004
24510	Baltimore City	Baltimore, MD	2260004030	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.006	0.957	2.798	0.006
24510	Baltimore City	Baltimore, MD	2260004031	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.004	0.560	2.218	0.003
24510	Baltimore City	Baltimore, MD	2260004035	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.004	0.344	1.070	0.003
24510	Baltimore City	Baltimore, MD	2260004036	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.002	0.133	0.413	0.001
24510	Baltimore City	Baltimore, MD	2260004071	Off-highway Gasoline, 2-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.000	0.000	0.001	0.000
24510	Baltimore City	Baltimore, MD	2260005035	Off-highway Gasoline, 2-Stroke /Agricultural Equipt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2260006005	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Generator Sets	0.001	0.100	0.300	0.001
24510	Baltimore City	Baltimore, MD	2260006010	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Pumps	0.004	0.681	2.217	0.004
24510	Baltimore City	Baltimore, MD	2260006015	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Air Compressors	0.000	0.000	0.001	0.000
24510	Baltimore City	Baltimore, MD	2260006035	Off-highway Gasoline, 2-Stroke /Commercial Equipt /Hydro-power Units	0.000	0.004	0.013	0.000
24510	Baltimore City	Baltimore, MD	2260007005	Off-highway Gasoline, 2-Stroke /Logging Equipt /Chain Saws : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001010	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Motorcycles: Off-road	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001030	Off-highway Gasoline, 4-Stroke /Recreational Equipt /All Terrain Vehicles	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265001050	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Golf Carts	0.006	0.930	0.056	0.006
24510	Baltimore City	Baltimore, MD	2265001060	Off-highway Gasoline, 4-Stroke /Recreational Equipt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002003	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002006	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tampers/Rammers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002009	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002015	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002021	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002024	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Surfacing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002027	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Signal Boards/Ligh	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002030	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002033	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002039	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Concrete/Industria	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002042	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cement & Mortar Mi	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002045	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Cranes	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24510	Baltimore City	Baltimore, MD	2265002054	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Crushing/Processin	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002057	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rough Terrain Fork	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002060	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Rubber Tire Loader	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002066	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Tractors/Loaders/B	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002072	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002078	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265002081	Off-highway Gasoline, 4-Stroke /Construction & Mining Equipt /Other Construction	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003010	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Aerial Lifts	0.000	0.131	0.001	0.000
24510	Baltimore City	Baltimore, MD	2265003020	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Forklifts	0.000	0.069	0.004	0.001
24510	Baltimore City	Baltimore, MD	2265003030	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Sweepers/Scrubbers	0.000	0.009	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003040	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other General Industrial Equi	0.000	0.006	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003050	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Other Material H&ling Equipt	0.000	0.005	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003060	Off-highway Gasoline, 4-Stroke /Industrial Equipt /AC\Refrigeration	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265003070	Off-highway Gasoline, 4-Stroke /Industrial Equipt /Terminal Tractors	0.000	0.004	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265004010	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Residential)	0.081	11.226	1.339	0.083
24510	Baltimore City	Baltimore, MD	2265004011	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn Mowers (Commercial)	0.011	1.514	0.194	0.011
24510	Baltimore City	Baltimore, MD	2265004015	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Res	0.007	0.941	0.112	0.007
24510	Baltimore City	Baltimore, MD	2265004016	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rotary Tillers < 6 HP (Com	0.005	0.756	0.092	0.006
24510	Baltimore City	Baltimore, MD	2265004025	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.063	0.008	0.000
24510	Baltimore City	Baltimore, MD	2265004026	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Trimmers/Edgers/Brush Cutt	0.000	0.035	0.003	0.000
24510	Baltimore City	Baltimore, MD	2265004030	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Resid	0.001	0.120	0.015	0.001
24510	Baltimore City	Baltimore, MD	2265004031	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Leafblowers/Vacuums (Comme	0.010	1.385	0.082	0.010
24510	Baltimore City	Baltimore, MD	2265004035	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Residential)	0.009	2.361	0.054	0.010
24510	Baltimore City	Baltimore, MD	2265004036	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Snowblowers (Commercial)	0.004	0.910	0.021	0.004
24510	Baltimore City	Baltimore, MD	2265004040	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.016	2.190	0.119	0.016
24510	Baltimore City	Baltimore, MD	2265004041	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Rear Engine Riding Mowers	0.001	0.162	0.009	0.001
24510	Baltimore City	Baltimore, MD	2265004046	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Front Mowers (Commercial)	0.001	0.187	0.010	0.001
24510	Baltimore City	Baltimore, MD	2265004051	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Shredders < 6 HP (Commerci	0.001	0.087	0.010	0.001
24510	Baltimore City	Baltimore, MD	2265004055	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Re	0.215	29.308	1.597	0.219
24510	Baltimore City	Baltimore, MD	2265004056	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Lawn & Garden Tractors (Co	0.016	2.200	0.123	0.016
24510	Baltimore City	Baltimore, MD	2265004066	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Chippers/Stump Grinders (C	0.003	0.357	0.020	0.003
24510	Baltimore City	Baltimore, MD	2265004071	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.051	7.117	0.492	0.052
24510	Baltimore City	Baltimore, MD	2265004075	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.008	1.075	0.094	0.008
24510	Baltimore City	Baltimore, MD	2265004076	Off-highway Gasoline, 4-Stroke /Lawn & Garden Equipt /Other Lawn & Garden Equipt	0.002	0.222	0.019	0.002
24510	Baltimore City	Baltimore, MD	2265005010	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /2-Wheel Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005015	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005020	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005025	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Balers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005030	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Agricultural Mowers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005035	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005040	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005045	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Swathers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005055	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265005060	Off-highway Gasoline, 4-Stroke /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265006005	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Generator Sets	0.122	18.065	1.043	0.127
24510	Baltimore City	Baltimore, MD	2265006010	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pumps	0.030	4.764	0.379	0.032
24510	Baltimore City	Baltimore, MD	2265006015	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Air Compressors	0.016	2.426	0.179	0.017
24510	Baltimore City	Baltimore, MD	2265006025	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Welders	0.035	5.235	0.290	0.036
24510	Baltimore City	Baltimore, MD	2265006030	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Pressure Washers	0.055	8.242	0.651	0.057
24510	Baltimore City	Baltimore, MD	2265006035	Off-highway Gasoline, 4-Stroke /Commercial Equipt /Hydro-power Units	0.003	0.394	0.026	0.003

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24510	Baltimore City	Baltimore, MD	2265007010	Off-highway Gasoline, 4-Stroke /Logging Equipmt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265007015	Off-highway Gasoline, 4-Stroke /Logging Equipmt /Forest Equipmt - Feller/Bunch/Ski	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2265010010	Off-highway Gasoline, 4-Stroke /Industrial Equipmt /Other Oil Field Equipmt	0.000	0.045	0.003	0.000
24510	Baltimore City	Baltimore, MD	2267001060	Off-highway LPG /Recreational Equipmt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002003	Off-highway LPG /Construction & Mining Equipmt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002015	Off-highway LPG /Construction & Mining Equipmt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002021	Off-highway LPG /Construction & Mining Equipmt /Paving Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002024	Off-highway LPG /Construction & Mining Equipmt /Surfacing Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002030	Off-highway LPG /Construction & Mining Equipmt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002033	Off-highway LPG /Construction & Mining Equipmt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002039	Off-highway LPG /Construction & Mining Equipmt /Concrete/Industrial Saws	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002045	Off-highway LPG /Construction & Mining Equipmt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002054	Off-highway LPG /Construction & Mining Equipmt /Crushing/Processing Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002057	Off-highway LPG /Construction & Mining Equipmt /Rough Terrain Forklifts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002060	Off-highway LPG /Construction & Mining Equipmt /Rubber Tire Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002066	Off-highway LPG /Construction & Mining Equipmt /Tractors/Loaders/Backhoes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002072	Off-highway LPG /Construction & Mining Equipmt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267002081	Off-highway LPG /Construction & Mining Equipmt /Other Construction Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267003010	Off-highway LPG /Industrial Equipmt /Aerial Lifts	0.000	0.733	0.029	0.005
24510	Baltimore City	Baltimore, MD	2267003020	Off-highway LPG /Industrial Equipmt /Forklifts	0.000	43.449	2.709	0.503
24510	Baltimore City	Baltimore, MD	2267003030	Off-highway LPG /Industrial Equipmt /Sweepers/Scrubbers	0.000	0.332	0.021	0.004
24510	Baltimore City	Baltimore, MD	2267003040	Off-highway LPG /Industrial Equipmt /Other General Industrial Equipmt	0.000	0.102	0.006	0.001
24510	Baltimore City	Baltimore, MD	2267003050	Off-highway LPG /Industrial Equipmt /Other Material H&ling Equipmt	0.000	0.033	0.002	0.000
24510	Baltimore City	Baltimore, MD	2267003070	Off-highway LPG /Industrial Equipmt /Terminal Tractors	0.000	0.203	0.013	0.002
24510	Baltimore City	Baltimore, MD	2267004066	Off-highway LPG /Lawn & Garden Equipmt /Chippers/Stump Grinders (Commercial)	0.000	0.111	0.007	0.001
24510	Baltimore City	Baltimore, MD	2267005055	Off-highway LPG /Agricultural Equipmt /Other Agricultural Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267005060	Off-highway LPG /Agricultural Equipmt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2267006005	Off-highway LPG /Commercial Equipmt /Generator Sets	0.000	5.227	0.126	0.025
24510	Baltimore City	Baltimore, MD	2267006010	Off-highway LPG /Commercial Equipmt /Pumps	0.000	0.675	0.030	0.006
24510	Baltimore City	Baltimore, MD	2267006015	Off-highway LPG /Commercial Equipmt /Air Compressors	0.000	0.583	0.036	0.007
24510	Baltimore City	Baltimore, MD	2267006025	Off-highway LPG /Commercial Equipmt /Welders	0.000	0.728	0.045	0.008
24510	Baltimore City	Baltimore, MD	2267006030	Off-highway LPG /Commercial Equipmt /Pressure Washers	0.000	0.014	0.001	0.000
24510	Baltimore City	Baltimore, MD	2267006035	Off-highway LPG /Commercial Equipmt /Hydro-power Units	0.000	0.009	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268002081	Off-highway CNG /Construction & Mining Equipmt /Other Construction Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003020	Off-highway CNG /Industrial Equipmt /Forklifts	0.000	3.095	0.184	0.034
24510	Baltimore City	Baltimore, MD	2268003030	Off-highway CNG /Industrial Equipmt /Sweepers/Scrubbers	0.000	0.004	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003040	Off-highway CNG /Industrial Equipmt /Other General Industrial Equipmt	0.000	0.002	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268003060	Off-highway CNG /Industrial Equipmt /AC\Refrigeration	0.000	0.010	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268003070	Off-highway CNG /Industrial Equipmt /Terminal Tractors	0.000	0.014	0.001	0.000
24510	Baltimore City	Baltimore, MD	2268005055	Off-highway CNG /Agricultural Equipmt /Other Agricultural Equipmt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268005060	Off-highway CNG /Agricultural Equipmt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268006005	Off-highway CNG /Commercial Equipmt /Generator Sets	0.000	1.571	0.031	0.006
24510	Baltimore City	Baltimore, MD	2268006010	Off-highway CNG /Commercial Equipmt /Pumps	0.000	0.046	0.002	0.000
24510	Baltimore City	Baltimore, MD	2268006015	Off-highway CNG /Commercial Equipmt /Air Compressors	0.000	0.039	0.002	0.000
24510	Baltimore City	Baltimore, MD	2268006020	Off-highway CNG /Commercial Equipmt /Gas Compressors	0.000	1.445	0.089	0.015
24510	Baltimore City	Baltimore, MD	2268006035	Off-highway CNG /Commercial Equipmt /Hydro-power Units	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2268010010	Off-highway CNG /Industrial Equipmt /Other Oil Field Equipmt	0.000	0.029	0.002	0.000
24510	Baltimore City	Baltimore, MD	2270001060	Off-highway Diesel /Recreational Equipmt /Specialty Vehicles/Carts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002003	Off-highway Diesel /Construction & Mining Equipmt /Pavers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002006	Off-highway Diesel /Construction & Mining Equipmt /Tampers/Rammers	0.000	0.000	0.000	0.000

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FIPS	NAME	NONATTAIN	SCC	SHORT_NAME	NH3 2025	NOX 2025	PM25 2025	SO2 2025
24510	Baltimore City	Baltimore, MD	2270002009	Off-highway Diesel /Construction & Mining Equipt /Plate Compactors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002015	Off-highway Diesel /Construction & Mining Equipt /Rollers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002018	Off-highway Diesel /Construction & Mining Equipt /Scrapers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002021	Off-highway Diesel /Construction & Mining Equipt /Paving Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002024	Off-highway Diesel /Construction & Mining Equipt /Surfacing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002027	Off-highway Diesel /Construction & Mining Equipt /Signal Boards/Light Plants	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002030	Off-highway Diesel /Construction & Mining Equipt /Trenchers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002033	Off-highway Diesel /Construction & Mining Equipt /Bore/Drill Rigs	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002036	Off-highway Diesel /Construction & Mining Equipt /Excavators	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002039	Off-highway Diesel /Construction & Mining Equipt /Concrete/Industrial Saws	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002042	Off-highway Diesel /Construction & Mining Equipt /Cement & Mortar Mixers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002045	Off-highway Diesel /Construction & Mining Equipt /Cranes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002048	Off-highway Diesel /Construction & Mining Equipt /Graders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002051	Off-highway Diesel /Construction & Mining Equipt /Off-highway Trucks	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002054	Off-highway Diesel /Construction & Mining Equipt /Crushing/Processing Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002057	Off-highway Diesel /Construction & Mining Equipt /Rough Terrain Forklifts	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002060	Off-highway Diesel /Construction & Mining Equipt /Rubber Tire Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002066	Off-highway Diesel /Construction & Mining Equipt /Tractors/Loaders/Backhoes	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002069	Off-highway Diesel /Construction & Mining Equipt /Crawler Tractor/Dozers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002072	Off-highway Diesel /Construction & Mining Equipt /Skid Steer Loaders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002075	Off-highway Diesel /Construction & Mining Equipt /Off-highway Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002078	Off-highway Diesel /Construction & Mining Equipt /Dumpers/Tenders	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270002081	Off-highway Diesel /Construction & Mining Equipt /Other Construction Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270003010	Off-highway Diesel /Industrial Equipt /Aerial Lifts	0.004	2.649	0.255	0.003
24510	Baltimore City	Baltimore, MD	2270003020	Off-highway Diesel /Industrial Equipt /Forklifts	0.057	12.339	0.162	0.034
24510	Baltimore City	Baltimore, MD	2270003030	Off-highway Diesel /Industrial Equipt /Sweepers/Scrubbers	0.025	4.060	0.109	0.015
24510	Baltimore City	Baltimore, MD	2270003040	Off-highway Diesel /Industrial Equipt /Other General Industrial Equipt	0.025	4.416	0.182	0.016
24510	Baltimore City	Baltimore, MD	2270003050	Off-highway Diesel /Industrial Equipt /Other Material H&I Equipt	0.001	0.491	0.046	0.001
24510	Baltimore City	Baltimore, MD	2270003060	Off-highway Diesel /Industrial Equipt /AC\Refrigeration	0.120	78.191	1.180	0.074
24510	Baltimore City	Baltimore, MD	2270003070	Off-highway Diesel /Industrial Equipt /Terminal Tractors	0.036	3.161	0.087	0.021
24510	Baltimore City	Baltimore, MD	2270004031	Off-highway Diesel /Lawn & Garden Equipt /Leafblowers/Vacuums (Commercial)	0.000	0.001	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270004036	Off-highway Diesel /Lawn & Garden Equipt /Snowblowers (Commercial)	0.000	0.106	0.005	0.000
24510	Baltimore City	Baltimore, MD	2270004046	Off-highway Diesel /Lawn & Garden Equipt /Front Mowers (Commercial)	0.007	5.121	0.264	0.005
24510	Baltimore City	Baltimore, MD	2270004056	Off-highway Diesel /Lawn & Garden Equipt /Lawn & Garden Tractors (Commercial)	0.001	1.221	0.090	0.001
24510	Baltimore City	Baltimore, MD	2270004066	Off-highway Diesel /Lawn & Garden Equipt /Chippers/Stump Grinders (Commercial)	0.009	3.998	0.230	0.006
24510	Baltimore City	Baltimore, MD	2270004071	Off-highway Diesel /Lawn & Garden Equipt /Turf Equipt (Commercial)	0.001	0.398	0.013	0.001
24510	Baltimore City	Baltimore, MD	2270004076	Off-highway Diesel /Lawn & Garden Equipt /Other Lawn & Garden Equipt (Commercial)	0.000	0.019	0.001	0.000
24510	Baltimore City	Baltimore, MD	2270005010	Off-highway Diesel /Agricultural Equipt /2-Wheel Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005015	Off-highway Diesel /Agricultural Equipt /Agricultural Tractors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005020	Off-highway Diesel /Agricultural Equipt /Combines	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005025	Off-highway Diesel /Agricultural Equipt /Balers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005030	Off-highway Diesel /Agricultural Equipt /Agricultural Mowers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005035	Off-highway Diesel /Agricultural Equipt /Sprayers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005040	Off-highway Diesel /Agricultural Equipt /Tillers : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005045	Off-highway Diesel /Agricultural Equipt /Swathers	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005055	Off-highway Diesel /Agricultural Equipt /Other Agricultural Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270005060	Off-highway Diesel /Agricultural Equipt /Irrigation Sets	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270006005	Off-highway Diesel /Commercial Equipt /Generator Sets	0.059	35.689	2.049	0.041
24510	Baltimore City	Baltimore, MD	2270006010	Off-highway Diesel /Commercial Equipt /Pumps	0.014	8.084	0.507	0.010
24510	Baltimore City	Baltimore, MD	2270006015	Off-highway Diesel /Commercial Equipt /Air Compressors	0.038	12.038	0.376	0.024

## APP\_C-4\_NMIM

<b>FIPS</b>	<b>NAME</b>	<b>NONATTAIN</b>	<b>SCC</b>	<b>SHORT_NAME</b>	<b>NH3 2025</b>	<b>NOX 2025</b>	<b>PM25 2025</b>	<b>SO2 2025</b>
24510	Baltimore City	Baltimore, MD	2270006020	Off-highway Diesel /Commercial Equipt /Gas Compressors	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270006025	Off-highway Diesel /Commercial Equipt /Welders	0.020	12.611	1.070	0.014
24510	Baltimore City	Baltimore, MD	2270006030	Off-highway Diesel /Commercial Equipt /Pressure Washers	0.002	1.178	0.062	0.001
24510	Baltimore City	Baltimore, MD	2270006035	Off-highway Diesel /Commercial Equipt /Hydro-power Units	0.002	0.621	0.022	0.001
24510	Baltimore City	Baltimore, MD	2270007010	Off-highway Diesel /Logging Equipt /Shredders : 6 HP	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270007015	Off-highway Diesel /Logging Equipt /Forest Equipt - Feller/Bunch/Skidder	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270009010	Off-highway Diesel /Underground Mining Equipt /Other Underground Mining Equipt	0.000	0.000	0.000	0.000
24510	Baltimore City	Baltimore, MD	2270010010	Off-highway Diesel /Industrial Equipt /Other Oil Field Equipt	0.001	0.191	0.005	0.000
24510	Baltimore City	Baltimore, MD	2282005010	Pleasure Craft /Gasoline 2-Stroke /Outboard	0.027	11.759	0.307	0.027
24510	Baltimore City	Baltimore, MD	2282005015	Pleasure Craft /Gasoline 2-Stroke /Personal Water Craft	0.011	5.577	0.056	0.011
24510	Baltimore City	Baltimore, MD	2282010005	Pleasure Craft /Gasoline 4-Stroke /Inboard/Sterndrive	0.012	4.689	0.069	0.012
24510	Baltimore City	Baltimore, MD	2282020005	Pleasure Craft /Diesel /Inboard/Sterndrive	0.008	7.730	0.181	0.029
24510	Baltimore City	Baltimore, MD	2282020010	Pleasure Craft /Diesel /Outboard	0.000	0.028	0.002	0.000
24510	Baltimore City	Baltimore, MD	2285002015	Railroad Equipt /Diesel /Railway Maintenance	0.002	0.705	0.072	0.001
24510	Baltimore City	Baltimore, MD	2285004015	Railroad Equipt /Gasoline, 4-Stroke /Railway Maintenance	0.000	0.014	0.001	0.000
24510	Baltimore City	Baltimore, MD	2285006015	Railroad Equipt /LPG /Railway Maintenance	0.000	0.000	0.000	0.000

Appendix D  
Emission Inventory Documentation

**Technical Support Document  
for the  
Development of the 2025  
Emission Inventory  
for PM Nonattainment Counties  
in the MANE-VU Region  
Version 3.3  
Rev.2**

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January 23, 2012  
MARAMA Contract Agreement FY2011-004

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**Note: Revision 1 includes a revision by New Jersey to Exhibit 7.7.**

**Revision 2 includes revised CT & VA NMIM runs. – By MARAMA, Mar. 2012**

## **Acknowledgements**

Funds for this CONTRACT are provided by MARAMA's Memorandum of Agreement with the Ozone Transport Commission (OTC), which is funded by USEPA grant agreement XA973181 – Regional Haze Planning in the Northeast and Mid-Atlantic States (CFDA 66.034). The purpose of that Memorandum of Agreement is to support the Mid-Atlantic / Northeast Visibility Union (MANE-VU) in developing programs to control regional haze or visibility impairment in the Northeast and Mid-Atlantic states.

## **About MARAMA**

The Mid-Atlantic Regional Air Management Association, Inc. is a voluntary, non-profit association of ten state and local air pollution control agencies. MARAMA's mission is to strengthen the skills and capabilities of member agencies and to help them work together to prevent and reduce air pollution in the Mid-Atlantic Region. MARAMA provides cost-effective approaches to regional collaboration by pooling resources to develop and analyze data, share ideas, and train staff to implement common requirements.



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## Acronyms and Abbreviations

<b>Acronym</b>	<b>Description</b>
CAA	Clean Air Act
CAMD	Clean Air Markets Division (USEPA)
CEM	Continuous emission monitoring
CMV	Commercial marine vessel
CO	Carbon monoxide
EGU	Electric generating unit
ERTAC	Eastern Regional Technical Advisory Committee
FIPS	Federal Information Processing Standard
GSE	Ground support equipment
MACT	Maximum achievable control technology
MANE-VU	Mid-Atlantic/Northeast Visibility Union
MANE-VU+VA	MANE-VU states plus Virginia
MAR	Marine, airport, rail
MARAMA	Mid-Atlantic Regional Air Management Association
MOBILE6	USEPA model
MOVES	Motor Vehicle Emissions Simulator model
NAAQS	National Ambient Air Quality Standards
NAICS	North American Industry Classification System code
NCD	National county database
NEI	National Emission Inventory
NESCAUM	Northeast States for Coordinated Air Use Management
NIF3.0	NEI Input Format Version 3.0
NMIM	National Mobile Input Model
NOF3.0	NEI Output Format Version 3.0
NONROAD	USEPA model
NO <sub>x</sub>	Oxides of nitrogen
ORL	One-record-per-line (SMOKE format)
OTAQ	Office of Transportation and Air Quality (USEPA)
PFC	Portable fuel container
PM-CON	Primary PM, condensable portion only (< 1 micron)
PM-FIL	Primary PM, Filterable portion only
PM-PRI	Primary PM, includes filterable and condensable PM-PRI= PM-FIL + PM-CON
PM10-FIL	Primary PM10, filterable portion only
PM10-PRI	Primary PM10, includes filterable and condensable, PM10- PRI = PM0-FIL + PM-CON
PM25-FIL	Primary PM2.5, filterable portion only

<b>Acronym</b>	<b>Description</b>
PM25-PRI	Primary PM2.5, includes filterable and condensable PM25-PRI= PM25-FIL + PM-CON
RWC	Residential wood combustion
SEMAP	Southeast Modeling, Analysis and Planning
SIC	Standard Industrial Classification code
SIP	State Implementation Plan
SCC	Source classification code
S/L	State/local
SMOKE	Sparse Matrix Operator Kernel Emissions
SO <sub>2</sub>	Sulfur dioxide
TSD	Technical Support Document
USEPA	U.S. Environmental Protection Agency
VISTAS	Visibility Improvement State and Tribal Association of the Southeast
VMT	Vehicle miles traveled
VOC	Volatile organic compounds

## **1.0 INTRODUCTION**

This technical support document (TSD) explains the data sources, methods, and results for preparing emission projections for 2025 for particulate matter (PM) nonattainment areas in the Mid-Atlantic / Northeast Visibility Union (MANE-VU) region. The MANE-VU region includes Connecticut, Delaware, the District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont. Virginia is not included in the MANE-VU region; however, several cities and counties in northern Virginia were included in this inventory as they are part of a nonattainment area that includes MANE-VU jurisdictions.

### **1.1 INVENTORY PURPOSE**

The Clean Air Act (CAA), as amended, requires each state with areas failing to meet the National Ambient Air Quality Standards (NAAQS) to develop State Implementation Plans (SIPs) to expeditiously attain and maintain the standards. The CAA allows states to request nonattainment areas to be re-designated to attainment provided certain criteria are met. For particulate matter, the U.S. Environmental Protection Agency's (USEPA's) re-designation guidance requires the submittal of a comprehensive inventory of direct PM<sub>2.5</sub> emissions and emissions of PM precursors representative of the year when the area achieves attainment of the PM<sub>2.5</sub> air quality standards. Another emission inventory related requirement includes a projection of the emission inventory to a year at least 10 years following re-designation.

To support state's efforts in developing PM<sub>2.5</sub> maintenance plans and re-designation requests, MARAMA issued a contract to AMEC to assemble a comprehensive emission inventory for 2025. A workgroup was formed to guide the 2025 inventory development process. Participants included a member from each state with a PM<sub>2.5</sub> nonattainment area, as follows: Paul Bodner (CT), Dave Fees and Jack Sipple (DE), Roger Thunell (MD), Judy Rand and Danny Wong (NJ), Ron Stannard (NY), Arleen Shulman (PA), and Doris McLeod (VA). The committee has met via teleconference on multiple occasions to discuss plans for the 2025 inventory. The 2025 inventory was developed using a combination of MARAMA's in-house resources, support from state agencies and contractor support from AMEC and SRA International, Inc.

### **1.2 SOURCE CATEGORIES**

This report documents the development of annual emission projections for 2025 for each of these sectors, as follows:



- **EGU Point Sources** are units that generate electric power and sell most of the power generated to the electrical grid.
- **NonEGU Point Sources** are individual industrial, commercial, and institutional facilities and are further subdivided by stack, emission unit, and emission process.
- **Stationary Area Sources** include sources that in and of themselves are quite small, but in aggregate may contribute significant emissions. Examples include small industrial/commercial facilities, residential heating furnaces, VOCs volatilizing from house painting or consumer products, gasoline service stations, and agricultural fertilizer/pesticide application.
- **Non-road Mobile Sources** include internal combustion engines used to propel marine vessels, airplanes, and locomotives, or to operate equipment such as forklifts, lawn and garden equipment, portable generators, etc. For activities other than marine vessels, airplanes, and railroad locomotives (MAR), the inventory was developed using the most current version of USEPA's NONROAD model as embedded in the National Mobile Inventory Model (NMIM). Because the NONROAD model does not include emissions from MAR sources, these emissions were estimated based on data and methodologies used in recent USEPA regulatory impact analyses.
- **On-road Mobile Sources** are sources of air pollution from internal combustion engines used to propel cars, trucks, buses, and other vehicles on public roadways. Emission projections for on-road mobile sources were developed by MARAMA or state staff using USEPA's Motor Vehicle Emission Simulator (MOVES) model.

Biogenic/geogenic emissions are not included in this inventory.

### 1.3 GEOGRAPHIC AND TEMPORAL RESOLUTION

The geographic area for the 2025 inventory includes only those counties that are classified as nonattainment for the annual (1997) or daily (2006) particulate matter NAAQS. The inventory was developed at the county-level for non-point sources and at the process level for point sources.

Annual inventories are required for re-designation of areas designated as nonattainment for the 1997 and 2006 NAAQS. Other inventory elements required by USEPA (such as interim inventory years) are being addressed by individual states in their SIP submittals.

## **1.4 POLLUTANTS**

The inventory includes emissions for directly emitted PM and PM-precursors (oxides of nitrogen {NO<sub>x</sub>}, and sulfur dioxide {SO<sub>2</sub>}). The PM species in the inventory are categorized as particles with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers (PM<sub>25</sub>-PRI), which includes both condensable particles (PM-CON) and filterable particles (PM<sub>25</sub>-FIL).

## **1.5 DATA FORMATS**

For each sector, we prepared easy-to-review spreadsheets that provide 2007 emissions and 2025 growth factors, control factors, and emissions. We also prepared county level and nonattainment area summaries for all PM nonattainment counties and areas. The summaries show the 2007 and 2025 emissions, along with the percent change in emissions from 2007 to 2025 for each source sector.

## **1.6 INVENTORY VERSIONS**

The development of base and future year inventories is an iterative process that continually attempts to use the best data available to meet air quality planning needs, given time and resource constraints. The following subsections summarize the work completed to date.

### **1.6.1 Version 2 Modeling Inventories with Existing Controls**

MARAMA developed comprehensive emission inventories to support air quality modeling in the region. MARAMA developed a calendar year 2007 (MARAMA 2011a) inventory for all sectors except the onroad sector. These inventories, completed in February of 2011, are referred to as Version 2 of the MANE-VU+VA 2007 base year inventory. The inventories were provided in formats required for air quality modeling. Under a separate effort, the Northeast States for Coordinated Air Use Management (NESCAUM) developed a 2007 onroad inventory using the MOVES model to support air quality modeling.

MARAMA also prepared emission projections for 2013/2017/2020 (MARAMA 2011b) for all sectors except the electric generation and onroad sectors. These projections reflect a scenario representing the best estimates for the future year, accounting for all in-place controls that are fully adopted into federal or individual state regulations or SIPs. In the past, this inventory is also referred to as the "on-the-books" inventory. Modelers often refer to this scenario as the "future base case".

### **1.6.2 Version 3 Modeling Inventories with Existing Controls**

Beginning in the fall of 2011, MARAMA sponsored development of Version 3\_3 of the 2007 base year modeling inventory to incorporate new paved road emission estimates,

revised modeling of nonroad and onroad sources, and other state-specific changes (MARAMA2012a). MARAMA developed Version 3\_3 of the future year inventory to account for changes to the 2007 base year inventory and selected changes in growth and control factors identified by states (MARAMA2012b). The future year modeling inventories for electric generating units (EGUs) are currently being developed under a separate effort lead by the Eastern Regional Technical Advisory Committee (ERTAC). The future year modeling inventories for onroad sources are currently being developed by NESCAUM, MARAMA or individual states.

### **1.6.3 Version 3 2025 Inventory for PM Nonattainment Counties**

The 2025 inventory for PM nonattainment counties was developed using Version 3\_3 of the modeling inventory, with the following exceptions:

- Growth and control factors for 2025 were developed for the area, nonEGU point, and nonroad MAR sectors, using the same methodologies and data sources that were used to develop the 2017/2020 inventories with existing controls.
- For nonroad sources included in NMIM, Version 2 results were available for 2007, 2017, and 2020. MARAMA and New York made additional NMIM runs for 2025 based on Version 2 inputs. MARAMA made revisions to some of the inputs to NMIM for Version 3\_3 of the modeling inventory; however, these revised NMIM runs were not used in the 2025 PM nonattainment county inventory due to time constraints.
- For onroad sources included in the MOVES model, MARAMA and states executed the model in the inventory mode for 2007 and 2025. Version 3\_3 of the modeling inventory used results of the MOVES model executed in a manner to support air quality modeling.
- For EGU point sources, the results of the ERTAC EGU projection methodology are not currently available. An alternative methodology for projecting EGU emissions based on growth and control factors was used, as described in Section 4.
- Only counties classified as nonattainment for the PM<sub>2.5</sub> annual or 24-hour NAAQS were included.

Exhibit 1-1 shows the data sources used for the 2025 PM nonattainment area inventory. Exhibit 1-2 lists the counties included in the 2025 PM nonattainment area inventory.

## 1.7 REPORT ORGANIZATION

Sections 2 to 6 describe the emission projection process for the following source sectors: area sources; point sources; nonroad mobile sources included in the NMIM model; other nonroad mobile sources (marine vessels, aircraft, and railroad locomotives); and onroad mobile sources included in the MOVES model. Section 7 provides nonattainment area emission pollutant summaries. Section 8 provides a description of the final deliverables, including the file names for all final deliverable products. References for the TSD are provided in Section 9.

**Exhibit 1.1 – Comparison of Data Used for Version 3 of the Modeling Inventory and the 2025 PM Nonattainment Inventory**

Sector	Modeling Inventory		2025 PM Nonattainment Inventory	
	2007	2017/2020	2007	2025
Area	Version 3_3	Version 3_3	Version 3_3	Version 3_3
Nonroad-NMIM	Version 3_3	Version 3_3	Version 2	2025 NMIM run based on Version 2 inputs (1)
Nonroad-MAR	Version 3_3	Version 3_3	Version 3_3	Version 3_3
Onroad	MOVES runs by NESCAUM to support AQ modeling	MOVES runs by NESCAUM to support AQ modeling	MOVES runs by MARAMA or states in inventory mode	MOVES runs by MARAMA or states in inventory mode
Point-EGU	Version 3_3	To be developed by ERTAC	Version 3_3	See section 4 for projection methodology
Point-nonEGU	Version 3_3	Version 3_3	Version 3_3	Version 3_3

**(1) Except CT and VA where Version 3 inputs were used.**

**Exhibit 1.2 – List of PM Nonattainment Areas and Counties**

Nonattainment Area	State	FIPS Code	County	PM Nonattainment?	
				2006 Daily NAAQS	1997 Annual NAAQS
Allentown, PA	PA	42077	Lehigh	Yes	Yes
	PA	42095	Northampton	Yes	Yes
Baltimore, MD	MD	24003	Anne Arundel	No	Yes
	MD	24005	Baltimore	No	Yes
	MD	24013	Carroll	No	Yes
	MD	24025	Harford	No	Yes
	MD	24027	Howard	No	Yes
	MD	24510	Baltimore City	No	Yes
Hagerstown-Martinsburg, MD-WV	MD	24043	Washington	No	Yes
Harrisburg-Lebanon-Carlisle-York, PA	PA	42041	Cumberland	Yes	Yes
	PA	42043	Dauphin	Yes	Yes
	PA	42075	Lebanon	Yes	Yes
	PA	42133	York*	Yes	No
Johnstown, PA	PA	42021	Cambria	Yes	Yes
	PA	42063	Indiana(P)	Yes	Yes
Lancaster, PA	PA	42071	Lancaster	Yes	Yes
New York-N. New Jersey-Long Island, NY-NJ-CT	CT	09001	Fairfield	Yes	Yes
	CT	09009	New Haven	Yes	Yes
	NJ	34003	Bergen	Yes	Yes
	NJ	34013	Essex	Yes	Yes
	NJ	34017	Hudson	Yes	Yes
	NJ	34021	Mercer	Yes	Yes
	NJ	34023	Middlesex	Yes	Yes
	NJ	34025	Monmouth	Yes	Yes
	NJ	34027	Morris	Yes	Yes
	NJ	34031	Passaic	Yes	Yes
	NJ	34035	Somerset	Yes	Yes
	NJ	34039	Union	Yes	Yes
	NY	36005	Bronx	Yes	Yes
	NY	36047	Kings	Yes	Yes
	NY	36059	Nassau	Yes	Yes
	NY	36061	New York	Yes	Yes
	NY	36071	Orange	Yes	Yes
	NY	36081	Queens	Yes	Yes
	NY	36085	Richmond	Yes	Yes
	NY	36087	Rockland	Yes	Yes
NY	36103	Suffolk	Yes	Yes	
NY	36119	Westchester	Yes	Yes	
Philadelphia-Wilmington, PA-NJ-DE	DE	10003	New Castle	Yes	Yes
	NJ	34005	Burlington	Yes	Yes
	NJ	34007	Camden	Yes	Yes
	NJ	34015	Gloucester	Yes	Yes
	PA	42017	Bucks	Yes	Yes

Nonattainment Area	State	FIPS Code	County	PM Nonattainment?	
				2006 Daily NAAQS	1997 Annual NAAQS
	PA	42029	Chester	Yes	Yes
	PA	42045	Delaware	Yes	Yes
	PA	42091	Montgomery	Yes	Yes
	PA	42101	Philadelphia	Yes	Yes
Pittsburgh-Beaver Valley, PA	PA	42003	Allegheny(P)	Yes	Yes
	PA	42005	Armstrong(P)	Yes	Yes
	PA	42007	Beaver	Yes	Yes
	PA	42019	Butler	Yes	Yes
	PA	42059	Greene(P)	Yes	Yes
	PA	42073	Lawrence(P)*	Yes	Yes
	PA	42125	Washington	Yes	Yes
	PA	42129	Westmoreland	Yes	Yes
Reading, PA	PA	42011	Berks	No	Yes
Washington, DC-MD-VA	DC	11001	Washington	No	Yes
	MD	24017	Charles	No	Yes
	MD	24021	Frederick	No	Yes
	MD	24031	Montgomery	No	Yes
	MD	24033	Prince George	No	Yes
	VA	51013	Arlington	No	Yes
	VA	51059	Fairfax	No	Yes
	VA	51107	Loudoun	No	Yes
	VA	51153	Prince William	No	Yes
	VA	51510	Alexandria	No	Yes
	VA	51600	Fairfax City	No	Yes
	VA	51610	Falls Church	No	Yes
	VA	51683	Manassas City	No	Yes
	VA	51685	Manassas Park	No	Yes
York, PA	PA	42133	York*	No	Yes

\* York County, PA, is in one nonattainment area for the 2006 24-hour standard (Harrisburg-Lebanon-Carlisle-York, PA) and another for the 1997 annual standard (York, PA).

(P) indicates that only part of the county is in the nonattainment area; for this inventory, emissions for the entire county are included.

## **2.0 AREA SOURCES**

### **2.1 AREA SOURCE CATEGORIES**

The area source sector contains emissions estimates for sources which individually are too small in magnitude or too numerous to inventory as individual point sources, and which can often be estimated more accurately as a single aggregate source for a county.

Examples are emissions from home heating systems, house painting, consumer products usage, and small industrial/commercial operations that are not permitted as point sources.

There are 356 individual area source categories in the MANE-VU+VA inventory, categorized by a 10-digit SCC.

### **2.2 2007 INVENTORY DEVELOPMENT**

The emission projections for the 2025 area source inventory were based on Version 3\_3 of the 2007 MANE-VU+VA inventory and are fully documented in the TSD for that effort (MARAMA 2012a). The only adjustment to the 2007 Version 3\_3 area source inventory was to apply “transport factors” to fugitive dust sources, as described in the following subsection.

#### **2.2.1 Adjustments to the 2007 Inventory Used for the 2025 Projections**

Grid air quality models consistently overestimate fugitive dust impacts as compared to ambient samples. USEPA developed a methodology to reduce fugitive dust emissions for use in grid modeling analyses. It is considered a logical step to improve the ability to account for the removal of particles near their emission source by vegetation and surface features and can be useful in grid-based modeling analyses.

In February 2011, MARAMA developed 2007 emission modeling files for area sources which applied the USEPA “transport factor” to reduce fugitive dust emissions to account for the removal of particles near their emission source by vegetation and surface features. The standard transport fractions and SCC assignments from USEPA’s CHIEF website (USEPA 2007a) were used to reduce the PM<sub>25</sub>-PRI emissions in this inventory. Two files were used. Exhibit 2.1 shows the list of nonEGU SCCs for which the transport factor was applied. The major source categories included paved and unpaved roads, construction activity, agricultural crop land tilling, and agricultural livestock operations. Exhibit 2.2 lists the transport fractions for PM nonattainment counties which vary by county. For example, the transport factors ranges from 0.1375 in Camden, New Jersey to 0.80 in Suffolk County, New York. For Virginia, no transport fraction was provided for the City of Fairfax; Fairfax County’s transport fraction was used for this jurisdiction.

**Exhibit 2.1 Area Source SCCs Affected by PM Transport Fraction**

<b>SCC</b>	<b>SCC Description</b>
2294000000	Paved Roads: All Paved Roads: Total: Fugitives
2296000000	Unpaved Roads: All Unpaved Roads: Total: Fugitives
2311000000	Construction: All Processes: Total
2311010000	Construction: General Building Construction: Total
2311020000	Construction: Heavy Construction: Total
2311030000	Construction: Road Construction: Total
2801000000	Miscellaneous Area Sources;Agriculture Production - Crops;Agriculture - Crops;Total
2801000001	Ag crops: Agriculture - Crops: Land Breaking
2801000002	Ag crops: Agriculture - Crops: Planting
2801000003	Ag crops: Agriculture - Crops: Tilling
2801000004	Ag crops: Agriculture - Crops: Defoliation
2801000005	Ag crops: Agriculture - Crops: Harvesting
2801000006	Ag crops: Agriculture - Crops: Drying
2801000007	Ag crops: Agriculture - Crops: Loading
2801000008	Ag crops: Agriculture - Crops: Transport
2805000000	Ag livestock: Agriculture - Livestock: Total
2805001000	Ag livestock: Beef Cattle Feedlots: Total (also see 2805020000)
2805001001	Ag livestock: Beef Cattle Feedlots: Feed Preparation
2805005000	Ag livestock: Poultry Operations: Total
2805010000	Ag livestock: Dairy Operations: Total
2805015000	Ag livestock: Hog Operations: Total
2805020000	Ag livestock: Cattle and Calves Composite: Total
2805025000	Ag livestock: Hogs and Pigs Composite: Total
2805030000	Ag livestock: Poultry and Chickens Composite: Total
2805035000	Ag livestock: Horses and Ponies Composite: Total
2805040000	Ag livestock: Sheep and Lambs Composite: Total
2805045001	Ag livestock: Goats: Total



**Exhibit 2.2 PM Transport Fractions for PM Nonattainment Counties**

<b>State</b>	<b>FIPS</b>	<b>County</b>	<b>PM Transport Fraction</b>
CT	09001	FAIRFIELD	0.4347
CT	09009	NEW HAVEN	0.4442
DE	10003	NEW CASTLE	0.5087
DC	11001	WASHINGTON	0.3953
MD	24003	ANNE ARUNDEL	0.4874
MD	24005	BALTIMORE	0.4047
MD	24013	CARROLL	0.5641
MD	24017	CHARLES	0.4879
MD	24021	FREDERICK	0.4904
MD	24025	HARFORD	0.5147
MD	24027	HOWARD	0.2798
MD	24031	MONTGOMERY	0.3089
MD	24033	PRINCE GEORGES	0.2950
MD	24043	WASHINGTON	0.4003
MD	24510	BALTIMORE (CITY)	0.4874
NJ	34003	BERGEN	0.2657
NJ	34005	BURLINGTON	0.3008
NJ	34007	CAMDEN	0.1375
NJ	34013	ESSEX	0.3461
NJ	34015	GLOUCESTER	0.4361
NJ	34017	HUDSON	0.5286
NJ	34021	MERCER	0.3472
NJ	34023	MIDDLESEX	0.3273
NJ	34025	MONMOUTH	0.5468
NJ	34027	MORRIS	0.2297
NJ	34031	PASSAIC	0.1971
NJ	34035	SOMERSET	0.3635
NJ	34039	UNION	0.3117
NY	36005	BRONX	0.6145
NY	36059	NASSAU	0.6595
NY	36061	NEW YORK	0.6483
NY	36071	ORANGE	0.3803
NY	36081	QUEENS	0.6505
NY	36085	RICHMOND	0.7159
NY	36087	ROCKLAND	0.3556
NY	36103	SUFFOLK	0.7997
NY	36119	WESTCHESTER	0.3531
PA	42003	ALLEGHENY	0.2308
PA	42005	ARMSTRONG	0.3289
PA	42007	BEAVER	0.3141

<b>State</b>	<b>FIPS</b>	<b>County</b>	<b>PM Transport Fraction</b>
PA	42011	BERKS	0.4682
PA	42017	BUCKS	0.3980
PA	42019	BUTLER	0.3621
PA	42021	CAMBRIA	0.2253
PA	42029	CHESTER	0.4757
PA	42041	CUMBERLAND	0.4649
PA	42043	DAUPHIN	0.3438
PA	42045	DELAWARE	0.3515
PA	42059	GREENE	0.3224
PA	42063	INDIANA	0.2884
PA	42071	LANCASTER	0.6183
PA	42073	LAWRENCE	0.4422
PA	42075	LEBANON	0.4521
PA	42077	LEHIGH	0.4487
PA	42091	MONTGOMERY	0.3729
PA	42095	NORTHAMPTON	0.4306
PA	42101	PHILADELPHIA	0.3471
PA	42125	WASHINGTON	0.3436
PA	42129	WESTMORELAND	0.2875
PA	42133	YORK	0.5134
VA	51013	ARLINGTON	0.3534
VA	51059	FAIRFAX	0.2457
VA	51107	LOUDOUN	0.3345
VA	51153	PRINCE WILLIAM	0.1814
VA	51510	ALEXANDRIA	0.3745
VA	51610	FALLS CHURCH	0.3400
VA	51683	MANASSAS	0.3474
VA	51685	MANASSAS PARK	0.3551

**Exhibit 2.3 – Comparison of 2007 Paved Road Dust PM10 Emission Estimates**

Nonattainment Area	Without Transport Factor		With Transport Factor	
	Version2	Version 3 New Method	Version2	Version 3 New Method
Allentown	4,228	1,733	1,859	764
Baltimore	15,175	5,412	6,658	2,400
Hagerstown	1,490	263	596	105
Harrisburg-Lebanon-Carlisle-York	9,133	4,124	4,149	1,855
Johnstown	2,663	1,133	673	289
Lancaster	4,339	1,808	2,683	1,118
New York-Northern NJ-Long Island-CT	58,512	28,747	29,128	14,260
Philadelphia-Wilmington	29,379	12,644	11,070	4,801
Pittsburgh-Beaver Valley	14,470	6,173	4,491	1,920
Reading	3,346	1,423	1,567	666
Washington, DC-MD-VA	21,067	9,909	6,846	3,194
York	3,684	1,458	1,891	749

**Exhibit 2.4 – Comparison of 2007 Paved Road Dust PM2.5 Emission Estimates**

Nonattainment Area	Without Transport Factor		With Transport Factor	
	Version2	Version 3 New Method	Version2	Version 3 New Method
Allentown	264	433	116	191
Baltimore	1,770	1,328	782	589
Hagerstown	196	64	78	26
Harrisburg-Lebanon-Carlisle-York	605	1,031	277	464
Johnstown	198	283	50	72
Lancaster	295	452	182	280
New York-Northern NJ-Long Island-CT	2,400	7,173	1,252	3,547
Philadelphia-Wilmington	1,396	3,165	547	1,202
Pittsburgh-Beaver Valley	942	1,543	299	480
Reading	209	356	98	167
Washington, DC-MD-VA	1,713	2,432	594	784
York	257	365	132	187

## 2.3 2025 INVENTORY DEVELOPMENT

The general procedures and data used for projecting emissions for the area source sector are summarized in this section. Growth factors were applied to the MANE-VU+VA 2007 inventory to account for changes in fuel use, population, economic activity. Next, control factors were applied to account for future emission reductions from control regulations. The 2025 inventory accounts for post-2007 emission reductions from promulgated federal, State, local, and site-specific control programs and proposed control programs that are reasonably anticipated to result in post-2007 emission reductions.

### 2.3.1 Area Source Growth Factors

The area and nonEGU point source growth factors were developed using six sets of data:

- The Annual Energy Outlook (AEO) fuel consumption forecasts;
- County-level population projections;
- State-level employment projections by NAICS code;
- County-level vehicle miles travelled (VMT) projections;
- USEPA projections for livestock and residential wood combustion; and
- Other state-specific emission projection data.

The priority for applying these growth factors was to first use the state-supplied projection data (if available). If state-supplied data were not provided, then the AEO projection factors were used for fuel consumption sources, and the population/employment/VMT data were used for other source categories.

#### 2.3.1.1 AEO Fuel Use Projection

The AEO is published annually by the U.S. Energy Information Administration (EIA). It presents long-term projections of energy supply, demand, and prices through 2035, based on results from EIA's National Energy Modeling System (NEMS). NEMS projects the production, imports, conversion, consumption, and prices of energy, subject to assumptions on macroeconomic and financial factors, world energy markets, resource availability and costs, behavioral and technological choice criteria, energy technology cost and performance characteristics, and demographics.

AEO provides regional fuel-use forecasts for various fuel types (e.g., coal, residual oil, distillate oil, natural gas) by end use sector (e.g., residential, commercial, industrial, transportation, and electric power). Energy use projections are reported at the Census division level. The census divisions grouped states as follows:

- South Atlantic - DE, DC, MD, VA
- Middle Atlantic - NJ, NY, PA
- New England - CT, ME, MA, NH, RI, VT

Appendices A1, A2, and A3 contain the AEO2010 fuel use projections for each of these three regions. Appendices A4, A5, and A6 contain the AEO2011 fuel use projections

Version 2 of the MANE-VU+VA future year inventories was developed using AEO2010 (EIA2010). After the release of Version 2, AEO2011 was published (EIA2011a).

MARAMA reviewed the updated fuel forecasts and compared the AEO2010 and AEO2011 projections. Appendix A7 documents MARAMA's analysis. MARAMA calculated the difference in projected fuel usage between AEO2010 and AEO2011 for the residential, commercial, industrial, transportation, and electric power sector for the distillate fuel oil, residual fuel oil, coal, natural gas, and renewable fuel types. MARAMA identified thresholds for what constitutes a major change as follows:

- An increase or decrease of 1% or less is considered to be no change and did not warrant a change in the growth factors between Versions 2 and 3 of the inventory;
- An increase or decrease of between 1% and 5% is considered to be a minor change, and states agreed that these differences between AEO2010 and AEO2011 did not warrant a change in the growth factors between Versions 2 and 3 of the inventory;
- An increase or decrease above 5% is considered a major change, and warrants a change in the growth factors used in Version 3.

MARAMA recommended that the AEO2010 projections be retained for all residential, commercial, and industrial sector fuel use, except for industrial natural gas usage, where the AEO2011 projections will be used for Version 3 of the future year modeling inventory. New Jersey elected to use the more recent growth factors from AEO2011 instead of the AEO2010 growth factors for all area source fossil fuel use categories.

Exhibits 2.5 to 2.9 summarize the projected fuel use rates by source sector (residential, commercial, industrial, transportation) and AEO geographic area for the years 2007 to 2025. The unusual growth in commercial residual oil use in the South Atlantic region could not be explained; Maryland elected to use employment instead of the AEO2010 growth factor for commercial residual oil combustion, while Virginia and the District chose to assume flat growth in this sector.

### **2.3.1.2 Population Projections**

States provided county-level historic population data and projections for future years. The historical and projection years varied from state to state, so values were interpolated, when necessary, to create population estimates for each year from 2007 to 2025. The population data were then normalized to create growth factors from 2007 for each year future year.

For example, Delaware had a population of 861,087 in 2007, and the projected population in 2017 is 953,204. Thus, the growth factor for 2017 is  $953,204 / 861,087 = 1.107$ .

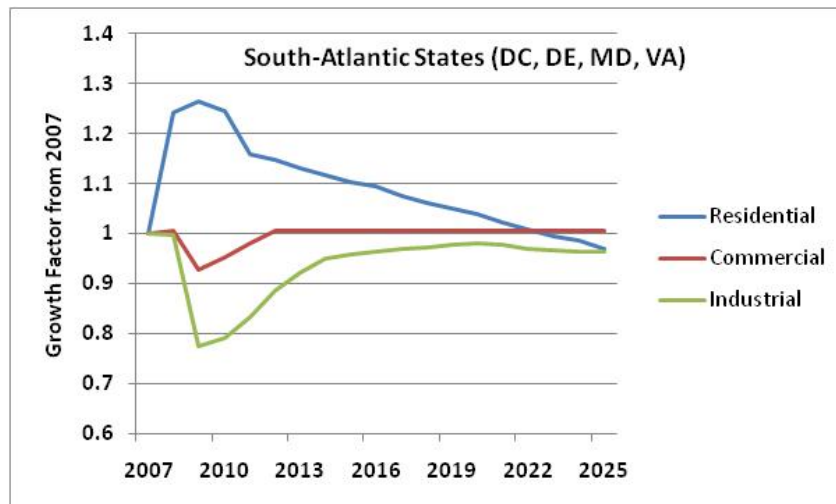
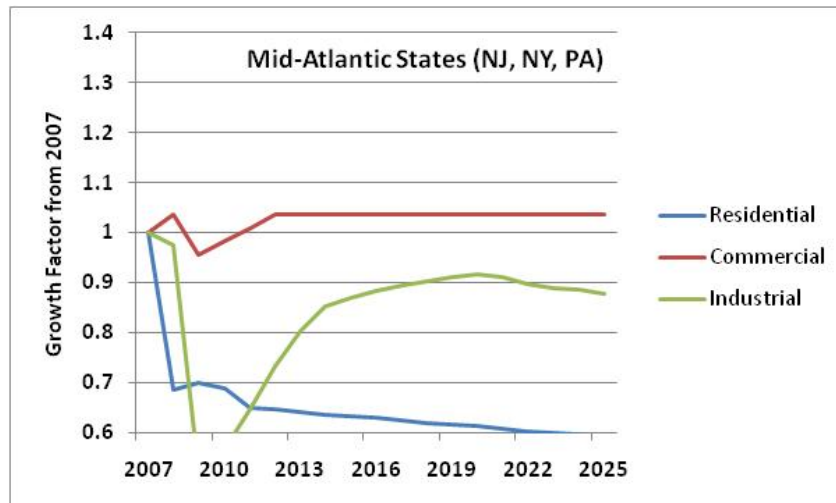
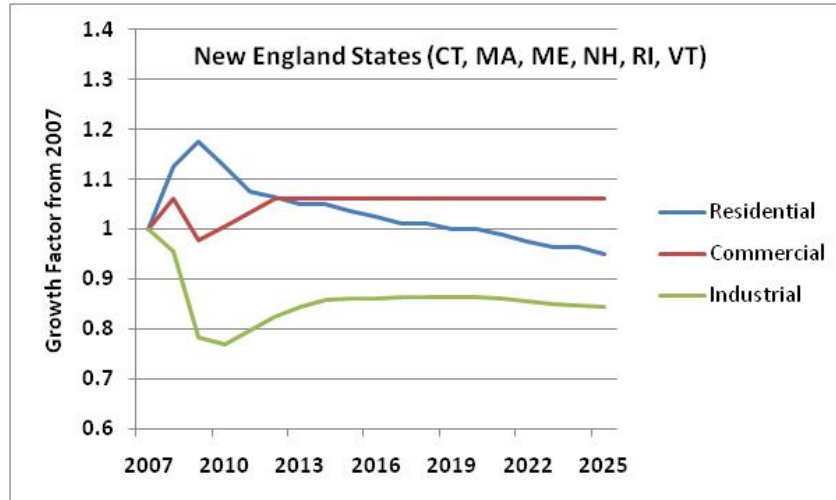
Exhibit 2.10 summarizes the population growth factors by state and AEO2010 region. Population is projected to grow in every state between 2007 and 2025. The population growth in the New England states varies significantly by state. Population growth in the South Atlantic states is projected to be much higher than in the New England and Mid-Atlantic states. Appendix B contains the data used to develop the population projections.

### **2.3.1.3 Employment Projections**

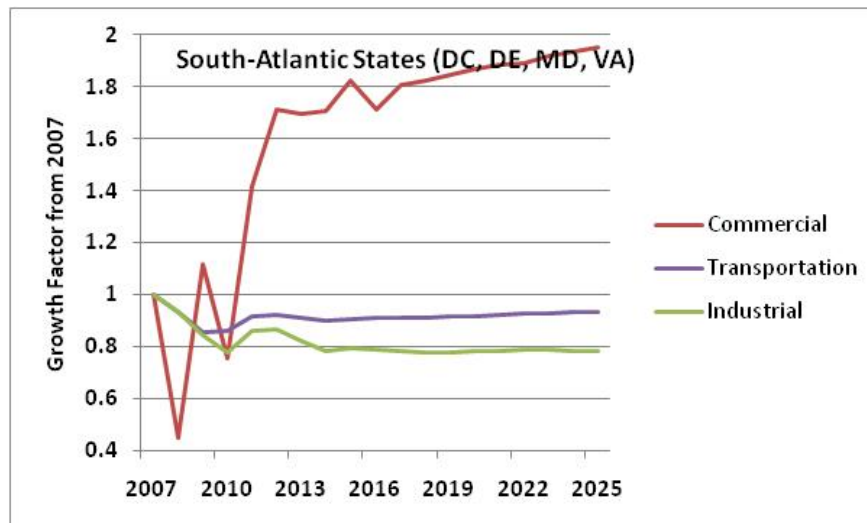
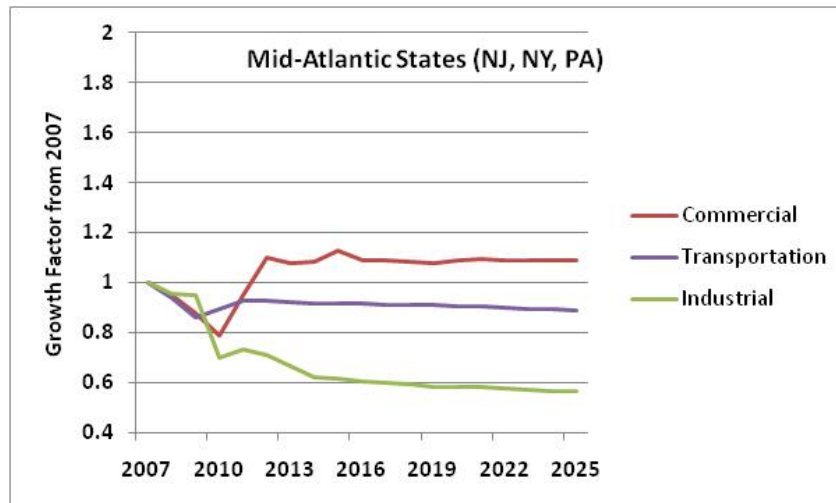
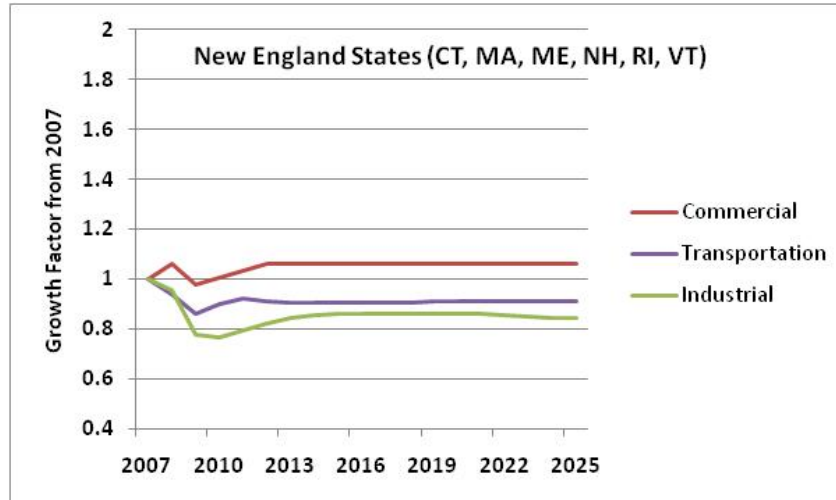
Every two years, the federal Bureau of Labor Statistics produces long-term industry and occupation forecasts for ten future years, and states are asked to do the same for their respective economies. The most recent projections are from state Departments of Labor for the period 2006 to 2016, most of which were published in 2008. These 10-year forecasts are updated every other year. The next set of state-specific projections will be for the period 2008 to 2018. Only the District of Columbia and Delaware were able to provide employment projections for 2008 to 2017; the 2008 to 2018 projections were not available for other states in time for use on this project. The employment projections are state-wide by 3-digit NAICS code. Exhibit 2.11 summarizes the manufacturing employment (NAICS sector 310) growth factors by state and AEO2010 region. States in the Northeast / Mid-Atlantic region show a marked decrease in manufacturing employment from 2007 forward. Appendix C contains the data that were used to develop the employment projections.

### **2.3.1.4 VMT Projections**

States developed projections of vehicle miles traveled (VMT) for 2007 and 2025 which were used as the growth factor for projecting emissions from re-entrained road dust from travel on paved roads (SCC 22-94-000-000). The 2007 and 2025 VMT are identical to those used in the MOVES modeling discussed in Section 8. Exhibit 2.12 shows the county level VMT for 2007 and 2025, and the growth factor for projecting 2007 emissions to 2025. Growth factors for 2013, 2017, and 2020 were based on a linear interpolation of the 2007 and 2025 VMT. Appendix D contains additional information on the data used to develop the VMT growth factors.

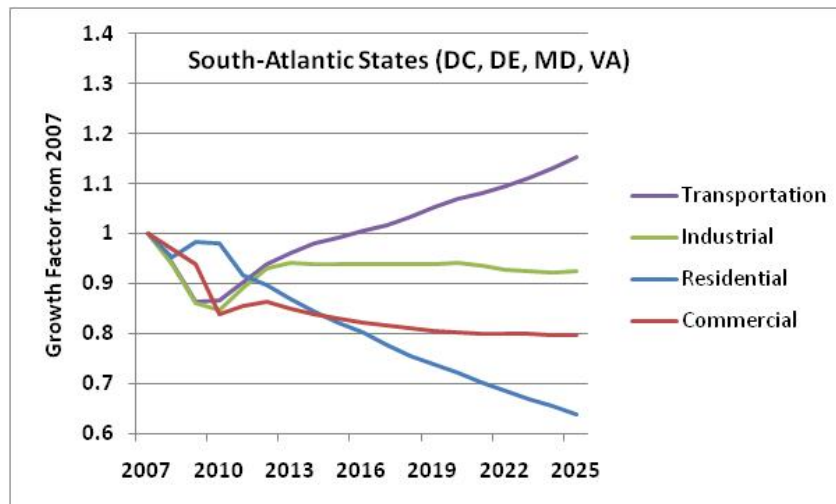
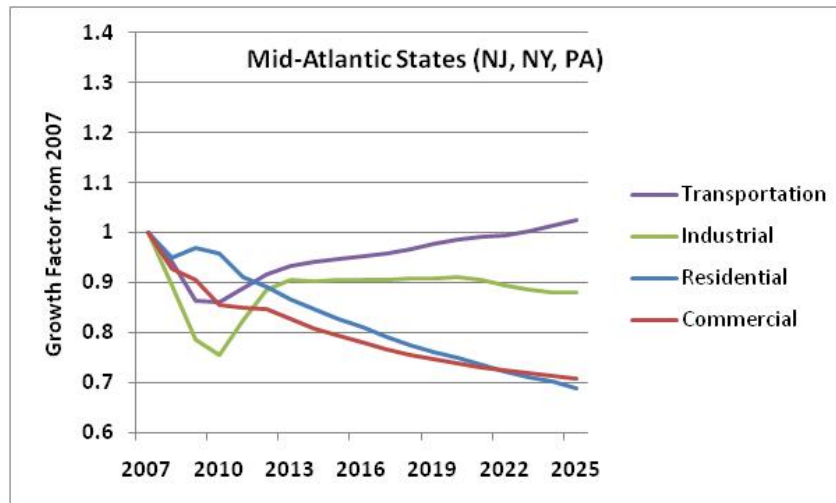
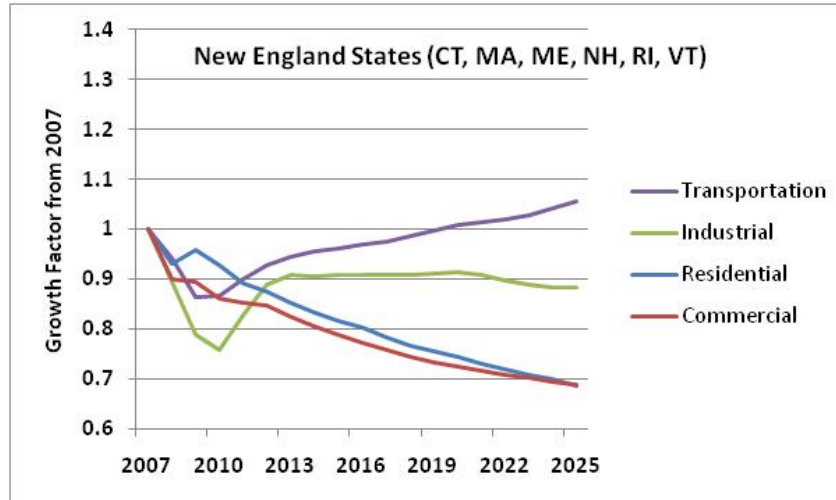


**Exhibit 2.5 AEO2010 Growth Factors for Coal by AEO Region 2007 – 2025**

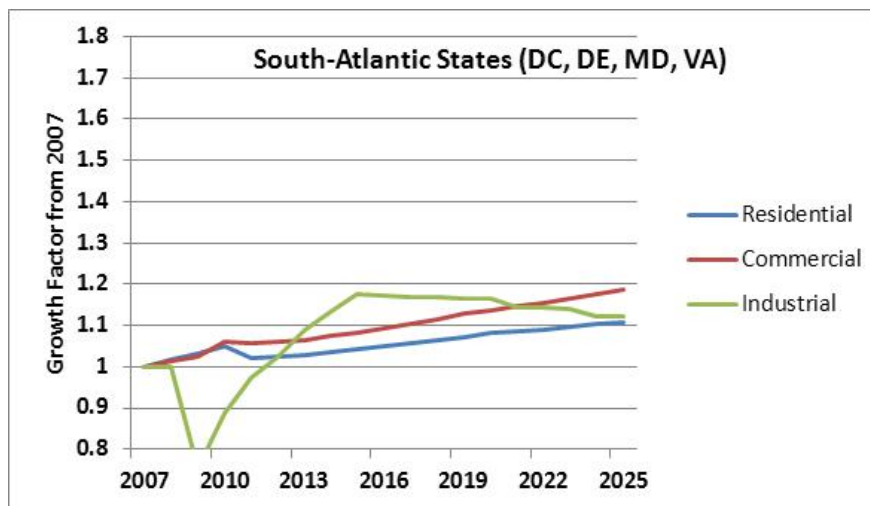
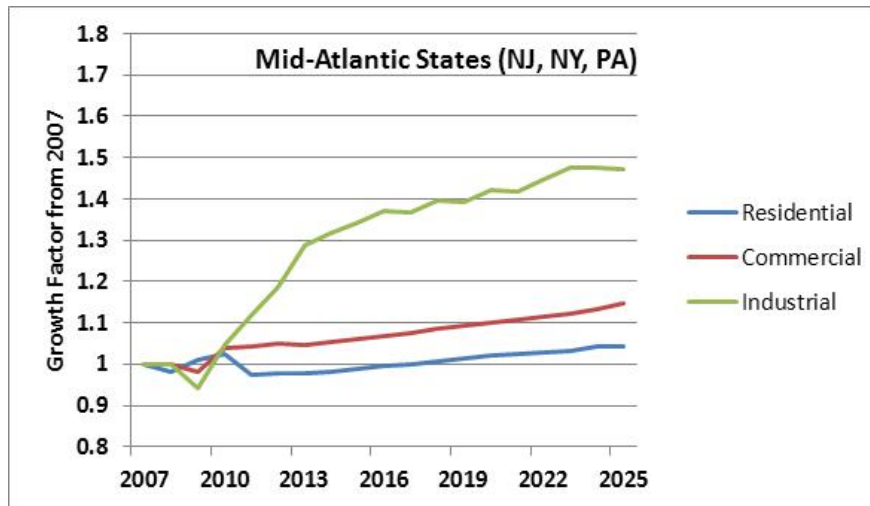
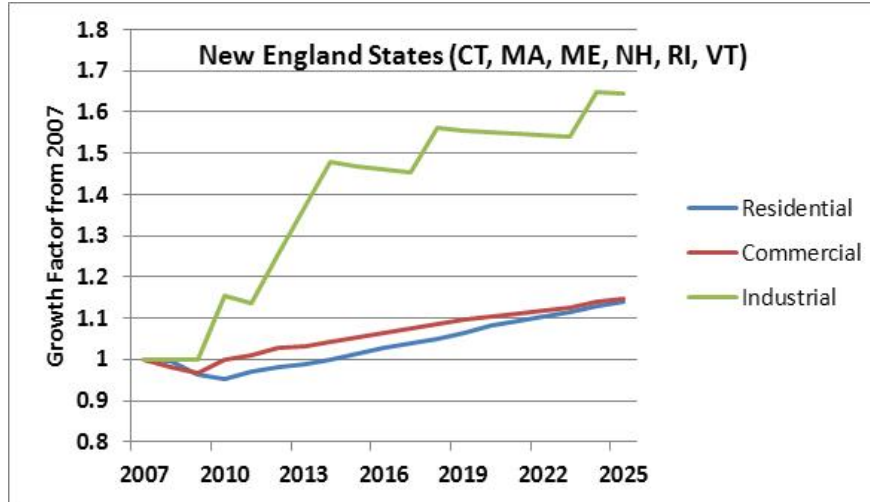


**Exhibit 2.6 Growth Factors for Residual Oil by AEO Region 2007 – 2025**





**Exhibit 2.7 AEO2010 Growth Factors for Distillate Oil by AEO Region 2007 – 2025**



**Exhibit 2.8 Growth Factors for Natural Gas by AEO Region 2007 – 2025  
AEO2010 for Residential/Commercial, AEO2011 for Industrial**

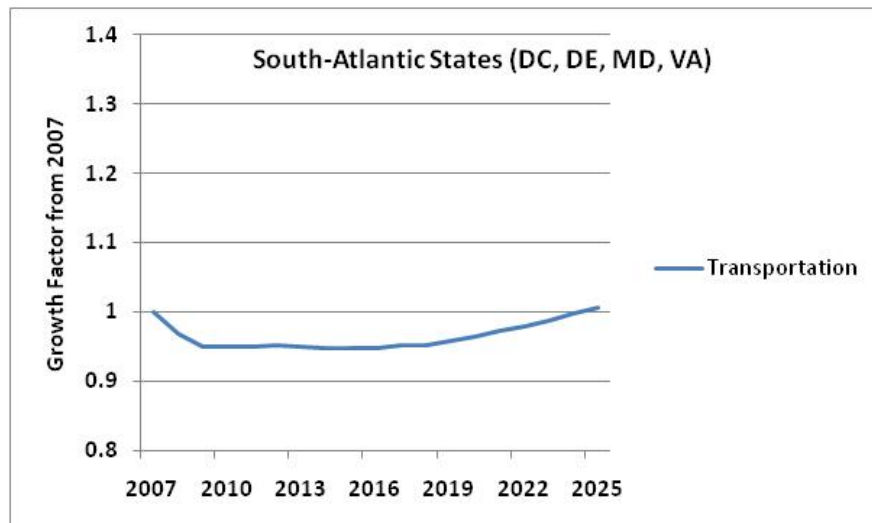
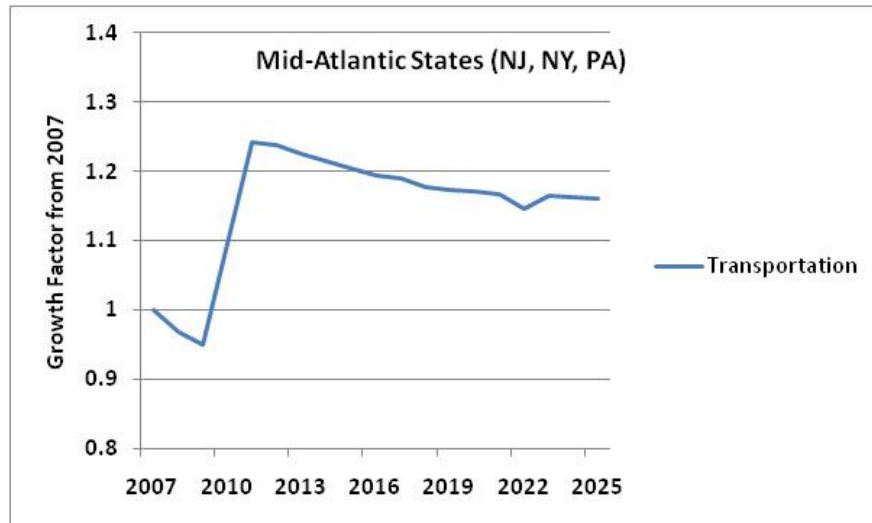
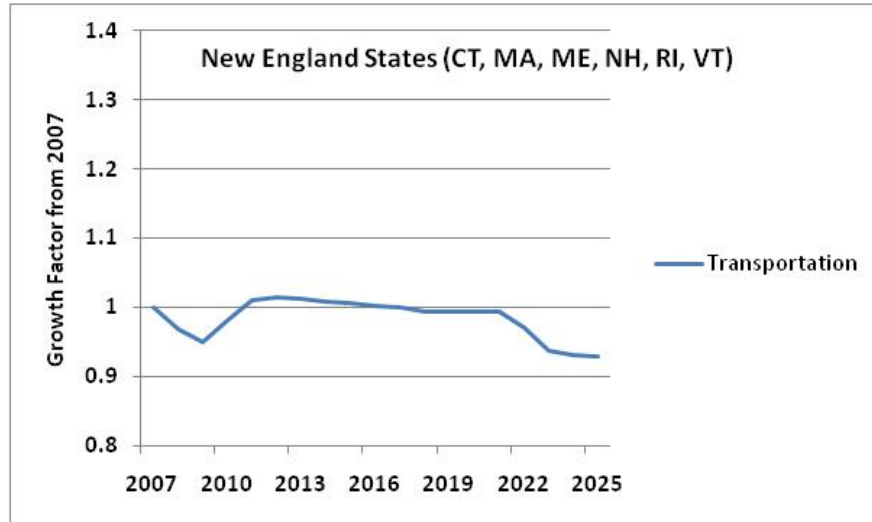
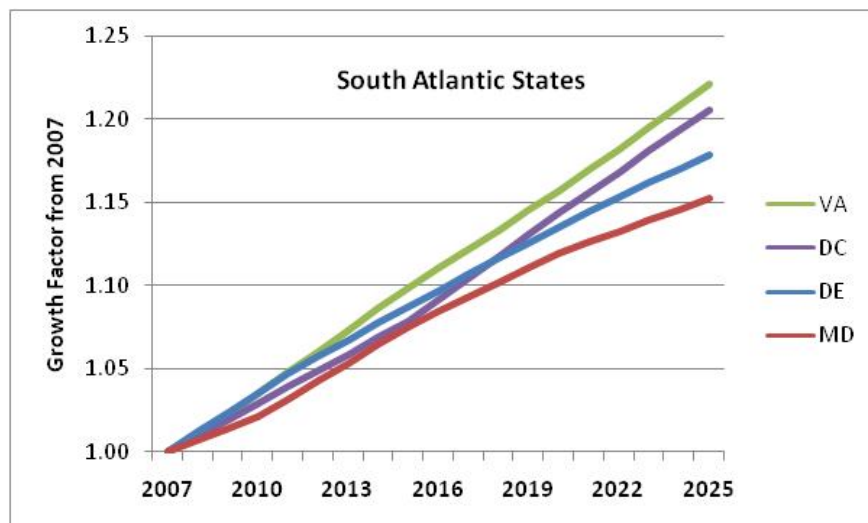
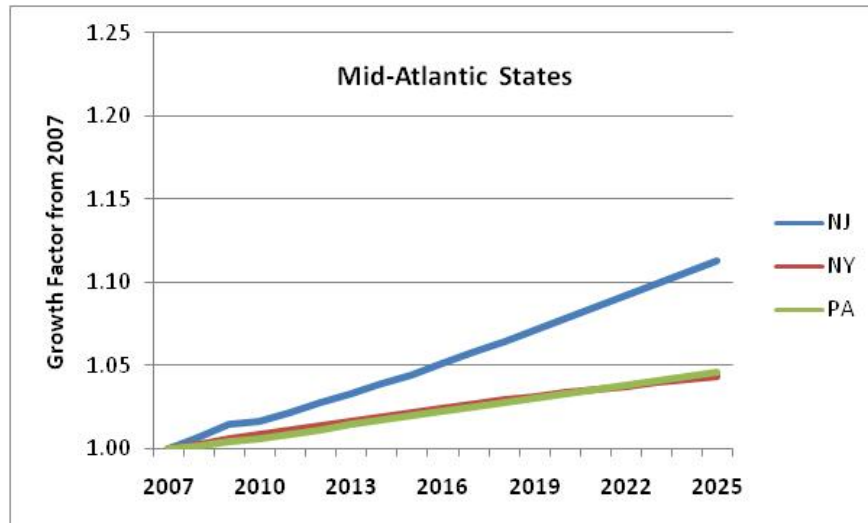
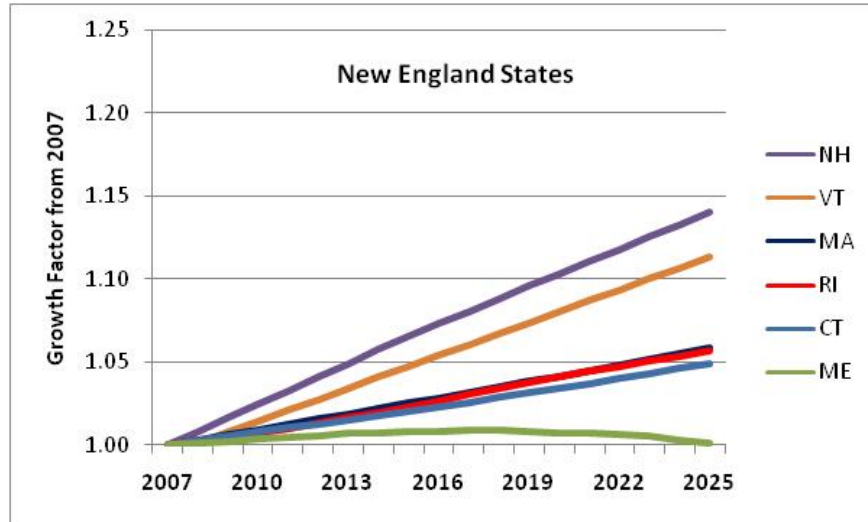
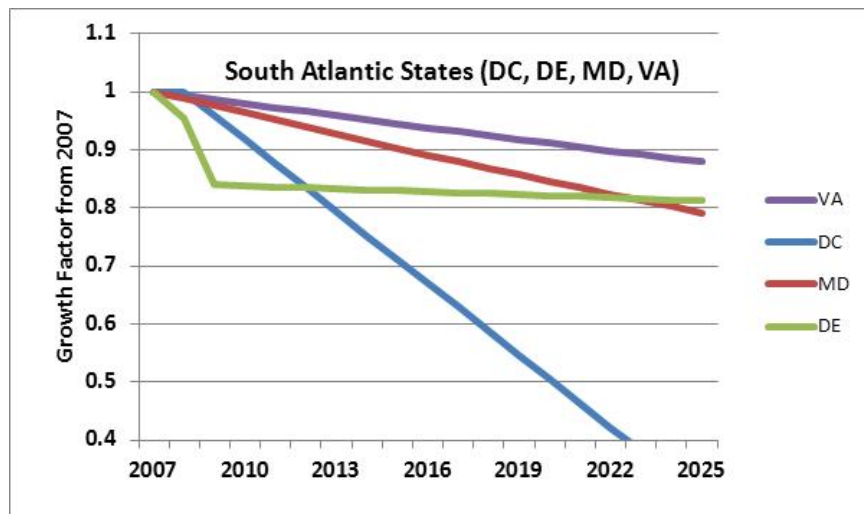
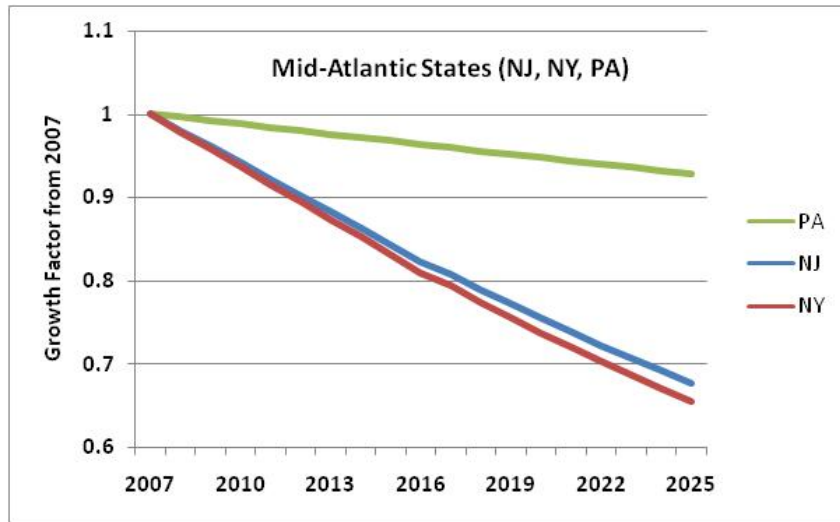
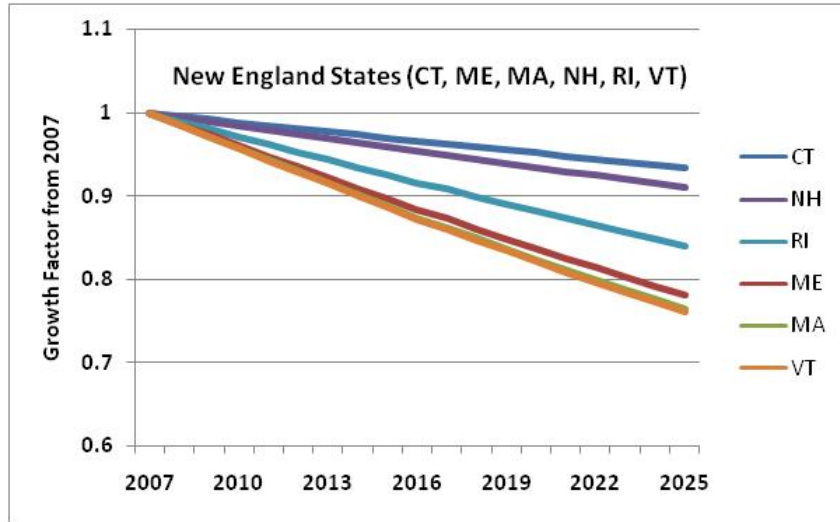


Exhibit 2.9 AEO2010 Growth Factors for Gasoline by AEO Region 2007 – 2025



**Exhibit 2.10 Population Growth Factors by AEO Region 2007 – 2025**



**Exhibit 2.11 Manufacturing Employment Growth Factors by Region 2007 - 2025**

**Exhibit 2.12 2007 and 2025 VMT and the 2007-2025 Growth Factor**

Nonattainment Area	County	FIPS	Million VMT		Growth 2007-2005
			2007	2025	
Allentown	Lehigh	42077	2,947	3,700	1.256
Allentown	Northampton	42095	2,020	2,629	1.301
Baltimore	Anne Arundel	24003	5,786	7,907	1.367
Baltimore	Baltimore	24005	8,261	10,330	1.251
Baltimore	Carroll	24013	1,296	1,766	1.363
Baltimore	Harford	24025	2,362	3,060	1.296
Baltimore	Howard	24027	3,815	6,059	1.588
Baltimore	Baltimore City	24510	3,626	4,150	1.145
Hagerstown	Washington	24043	2,090	2,940	1.407
Harrisburg-Lebanon-Carlisle-York	Cumberland	42041	2,861	3,704	1.295
Harrisburg-Lebanon-Carlisle-York	Dauphin	42043	3,072	3,689	1.201
Harrisburg-Lebanon-Carlisle-York	Lebanon	42075	1,209	1,507	1.247
Harrisburg-Lebanon-Carlisle-York	York	42133	3,304	4,209	1.274
Johnstown	Cambria	42021	1,157	1,110	0.959
Johnstown	Indiana	42063	844	928	1.100
Lancaster	Lancaster	42071	4,255	5,395	1.268
New York Metro NY/NJ/CT	Fairfield	9001	7,560	8,568	1.133
New York Metro NY/NJ/CT	New Haven	9009	6,856	8,085	1.179
New York Metro NY/NJ/CT	Bergen	34003	7,879	10,464	1.328
New York Metro NY/NJ/CT	Essex	34013	4,895	6,131	1.253
New York Metro NY/NJ/CT	Hudson	34017	2,313	2,801	1.211
New York Metro NY/NJ/CT	Mercer	34021	3,566	3,996	1.121
New York Metro NY/NJ/CT	Middlesex	34023	7,810	9,748	1.248
New York Metro NY/NJ/CT	Monmouth	34025	6,319	8,595	1.360
New York Metro NY/NJ/CT	Morris	34027	5,530	6,523	1.180
New York Metro NY/NJ/CT	Passaic	34031	2,918	3,490	1.196
New York Metro NY/NJ/CT	Somerset	34035	3,230	3,667	1.135
New York Metro NY/NJ/CT	Union	34039	4,623	5,730	1.239
New York Metro NY/NJ/CT	Bronx	36005	3,677	4,830	1.314
New York Metro NY/NJ/CT	Kings	36047	5,461	6,272	1.148
New York Metro NY/NJ/CT	Nassau	36059	11,780	14,705	1.248
New York Metro NY/NJ/CT	New York	36061	3,938	5,203	1.321
New York Metro NY/NJ/CT	Orange	36071	4,431	5,906	1.333
New York Metro NY/NJ/CT	Queens	36081	8,859	10,949	1.236
New York Metro NY/NJ/CT	Richmond	36085	2,152	3,354	1.558
New York Metro NY/NJ/CT	Rockland	36087	2,675	4,060	1.517
New York Metro NY/NJ/CT	Suffolk	36103	13,767	20,514	1.485
New York Metro NY/NJ/CT	Westchester	36119	8,201	11,811	1.490
Philadelphia PA/DE/NJ	New Castle	10003	5,544	6,959	1.255
Philadelphia PA/DE/NJ	Burlington	34005	4,704	5,062	1.076

Nonattainment Area	County	FIPS	Million VMT		Growth 2007-2005
			2007	2025	
Philadelphia PA/DE/NJ	Camden	34007	4,090	4,267	1.043
Philadelphia PA/DE/NJ	Gloucester	34015	2,723	3,284	1.206
Philadelphia PA/DE/NJ	Bucks	42017	5,047	6,516	1.291
Philadelphia PA/DE/NJ	Chester	42029	4,423	6,201	1.402
Philadelphia PA/DE/NJ	Delaware	42045	3,766	4,371	1.161
Philadelphia PA/DE/NJ	Montgomery	42091	7,075	8,220	1.162
Philadelphia PA/DE/NJ	Philadelphia	42101	5,973	6,337	1.061
Pittsburgh-Beaver Valley	Allegheny	42003	9,345	10,134	1.084
Pittsburgh-Beaver Valley	Armstrong	42005	628	672	1.071
Pittsburgh-Beaver Valley	Beaver	42007	1,487	1,585	1.066
Pittsburgh-Beaver Valley	Butler	42019	1,762	2,173	1.233
Pittsburgh-Beaver Valley	Greene	42059	464	504	1.086
Pittsburgh-Beaver Valley	Lawrence	42073	812	880	1.084
Pittsburgh-Beaver Valley	Washington	42125	2,245	2,531	1.127
Pittsburgh-Beaver Valley	Westmoreland	42129	3,512	3,898	1.110
Reading	Berks	42011	3,341	4,079	1.221
Washington DC/MD/VA	DC	11001	3,666	3,861	1.053
Washington DC/MD/VA	Charles	24017	1,284	1,825	1.421
Washington DC/MD/VA	Frederick	24021	3,009	4,442	1.476
Washington DC/MD/VA	Montgomery	24031	7,471	9,711	1.300
Washington DC/MD/VA	Prince George's	24033	8,754	11,616	1.327
Washington DC/MD/VA	Arlington	51013	1,663	1,917	1.153
Washington DC/MD/VA	Fairfax	51059	10,123	13,880	1.371
Washington DC/MD/VA	Loudoun	51107	2,403	3,741	1.557
Washington DC/MD/VA	Prince William	51153	3,202	4,643	1.450
Washington DC/MD/VA	Alexandria	51510	736	866	1.177
Washington DC/MD/VA	Fairfax	51600	193	220	1.143
Washington DC/MD/VA	Falls Church	51610	64	76	1.186
Washington DC/MD/VA	Manassas	51683	273	360	1.317
Washington DC/MD/VA	Manassas Park	51685	26	30	1.166

### 2.3.1.5 No Growth Assignment for Certain Area Source Categories

For several area source categories, it seems reasonable that emissions would not change from the 2007 values. No growth was applied to the 2007 emissions for the area source categories shown in Exhibit 2.13.

#### Exhibit 2.13 Area Source Categories with No Growth Assignment

SCC	SCC Description
2296000000	Unpaved Roads /All Unpaved Roads /Total: Fugitives
2401008000	Surface Coating /Traffic Markings /Total: All Solvent Types
2461020000	Misc Non-industrial: Commercial /Asphalt Application: All Processes /Total: All
2461021000	Misc Non-industrial: Commercial /Cutback Asphalt /Total: All Solvent Types
2461022000	Misc Non-industrial: Commercial /Emulsified Asphalt /Total: All Solvent Types
2461023000	Misc Non-industrial: Commercial /Asphalt Roofing /Total: All Solvent Types
2601000000	On-site Incineration /All Categories /Total
2601010000	On-site Incineration /Industrial /Total
2601010000	On-site Incineration /Industrial /Total
2601020000	On-site Incineration /Commercial/Institutional /Total
2601020000	On-site Incineration /Commercial/Institutional /Total
2601030000	On-site Incineration /Residential /Total
2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified
2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified
2610000500	Open Burning /All Categories /Land Clearing Debris (use 28-10-005-000 for Logging
2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wastes)
2610040400	Open Burning /Municipal (from residences, parks, other for central burn)
2660000000	Leaking Underground Storage Tanks /Leaking Underground Storage Tanks /Total: All
2680001000	Composting /100% Biosolids (e.g., sewage sludge, manure, mixtures of these matls
2680002000	Composting /Mixed Waste (e.g., a 50:50 mixture of biosolids and green wastes)
2806010000	Domestic Animals Waste Emissions /Cats /Total
2806015000	Domestic Animals Waste Emissions /Dogs /Total
2807020001	Wild Animals Waste Emissions /Bears /Black Bears
2807020002	Wild Animals Waste Emissions /Bears /Grizzly Bears
2807025000	Wild Animals Waste Emissions /Elk /Total
2807030000	Wild Animals Waste Emissions /Deer /Total
2807040000	Wild Animals Waste Emissions /Birds /Total
2810001000	Forest Wildfires - Wildfires – Unspecified
2810003000	Cigarette Smoke /Total
2810005000	Managed Burning, Slash (Logging Debris) /Unspecified Burn Method
2810010000	Human Perspiration and Respiration /Total
2810014000	Prescribed Burning /Generic - Unspecified land cover, ownership, class/purpose



SCC	SCC Description
2810015000	Prescribed Forest Burning /Unspecified
2810020000	Prescribed Rangeland Burning /Unspecified
2810030000	Structure Fires /Unspecified
2810035000	Firefighting Training /Total
2810050000	Motor Vehicle Fires /Unspecified
2810060200	Cremation /Animals
2810090000	Open Fire /Not categorized
2820010000	Cooling Towers /Process Cooling Towers /Total
2830000000	Catastrophic/Accidental Releases /All Catastrophic/Accidental Releases /Total
2830010000	Catastrophic/Accidental Releases /Transportation Accidents /Total

### 2.3.1.6 USEPA 2020 Projections for Residential Wood

USEPA made available its 2020 emissions projections associated with its 2005-based v4 modeling platform. MARAMA decided to use USEPA emission projection parameters for residential wood combustion. USEPA's methodology and data sources are summarized below (USEPA 2010a).

USEPA projected residential wood combustion emissions are based on the expected increase in the number of low-emitting wood stoves and the corresponding decrease in other types of wood stoves. As newer, cleaner woodstoves replace older, more polluting stoves, there will be an overall reduction of emissions from this category. The approach used by USEPA was developed as part of a modeling exercise to estimate the expected benefits of the woodstove change-out program. This methodology uses a combination growth and control factors and is based on activity not pollutant. The growth and control are accounted for in a single factor for each residential wood SCC (certain SCCs represent controlled equipment, while other SCCs represent uncontrolled equipment). Control factors are indirectly incorporated based on which stove is used. The specific assumptions USEPA made were:

- Fireplaces, SCC=2104008001: increase 1%/year;
- Old woodstoves, SCC=2104008002, 2104008010, 2104008051: decrease 2%/year;
- New woodstoves, SCC=2104008003, 2104008004, 2104008030, 2104008050, 2104008052 or 2104008053: increase 2%/year.

For the general woodstoves and fireplaces category (SCC 2104008000) USEPA computed a weighted average distribution based on 19.4% fireplaces, 71.6% old woodstoves, 9.1% new woodstoves using 2002 Platform emissions for PM<sub>2.5</sub>. These fractions are based on the fraction of emissions from these processes in the states that did not have the "general

woodstoves and fireplaces” SCC in the 2002 NEI. This approach results in an overall decrease of 1.056% per year for this source category. Appendix E contains the residential wood projection data from USEPA.

### **2.3.1.7 SCC, SIC, NAICS and Growth Parameter Crosswalk**

Since the employment projections were based on 3-digit NAICS code, it was necessary to map NAICS codes to SCCs and SIC codes that were used by states. Employment projections at the more specific 4-digit or 6-digit NAICS codes were not available.

The first step for developing a comprehensive crosswalk between the different source classification codes (SCC, SIC, and NAICS codes) and emission activity growth indicators was to compile a complete list of the NAICS codes in the 2007 point source inventory. Some states use the SIC code while other use the NAICS code. Still other states use both the SIC and NAICS codes. When the NAICS code was not available SIC codes were converted to NAICS codes. The 6-digit NAICS code was truncated to a 3-digit code, which represents major industry subsectors of the economy. A U.S. Census Bureau document was used to perform this conversion (CENSUS 2000).

The next step was to review parameters that could be used as the emission activity growth indicator for each SCC or NAICS. We initially relied on two USEPA crosswalks (USEPA 2004a, USEPA 2004b) to match area and nonEGU point source SCCs to AEO2010 categories, employment NAICS codes, and population.

### **2.3.1.8 Final Version 2 Growth Factors for Area Sources**

The previous sections described the initial growth factors recommended to develop projected future year emissions inventories for area and non-EGU sources. Draft growth and control factors, and a draft technical support document, were circulated for review by MARAMA and state agencies. During the review, it was noted that several emissions categories show negative growth into the future, particularly categories related to fossil fuel combustion and manufacturing employment.

Many of the growth factors used to project emissions for area and non-EGU sources were based on the AEO2010 fuel consumption forecasts and state-level employment projections. The AEO2010 forecasts show declining trends for many fuel consumption sectors, especially industrial, residential, and commercial distillate fuel oil use. Similarly, the employment projections show declines in the predicted number of employees for many sectors of the economy. This is particularly true for the manufacturing sector, which is of interest because this sector is often associated with higher emissions than those for other sectors. By contrast, the employment projections show increasing trends in retail and

service-related sectors. However, these sectors are not typically associated with significant emissions.

Predicted declines in fuel use and employment resulted in growth factors less than unity (i.e., represent negative growth) for many area and non-EGU point source categories. Consequently, for some categories, emissions were initially projected to be lower for the projected future years than for the base year, even before the application of control assumptions (i.e., the future "growth only" emissions are lower than the base year emissions). A conference call was held to discuss the negative growth issue, and states were polled as to whether or not they felt that the current set of proposed growth factors - including the negative growth factors - were realistic for their state. In reply, some representatives mentioned that they have observed historic state-specific data that supports the trends displayed by the proposed growth factors. Other representatives mentioned that they feel comfortable with the growth factors and don't have a technical basis to change them or suggest others. Some states will supply their own factors or make their own assumptions.

As a result of these discussions, each state provided guidance on how to handle projections when negative growth is indicated. Exhibit 2.14 shows the state recommendations for area sources.

### **2.3.1.9 Version 3 Update to New Jersey Growth Factors for Area Sources**

New Jersey provided updated growth factors for area source for use in developing the 2025 inventory for PM nonattainment counties. One of the key revisions was to use the more recent data from AEO2011 for energy consumption instead of the AEO2010 projections. New Jersey also provided updated employment, paved road, pesticide and agricultural livestock growth factors.

#### **2.3.1.10 Version 3 Update to Growth Factors for the District of Columbia**

The District of Columbia provided updated employment growth factors based on DC Department of Labor forecasts for the period 2008 to 2018.

**Exhibit 2-14 State Recommendations to Address Negative Growth  
and Other Growth Factors for the Area Source Sector**

<b>State</b>	<b>AEO2010 Growth Factors</b>	<b>Employment Growth Factors</b>	<b>Population Growth Factors</b>
CT	Use AEO2010 growth rates	Use state DOL employment projections by 3-digit NAICS	Use county-level population projections
DE	Use AEO2010 growth rates; no growth for suspect AEO2010 projection for commercial / institutional residual oil	For 2013, use state DOL employment projections by 3-digit NAICS; For 2017 and 2020, use no growth (growth factor=1) when employment growth is negative; otherwise use employment if positive growth	Use county-level population projections
DC	Use AEO2010 growth rates; no growth for suspect AEO2010 projection for commercial / institutional residual oil	Use DOL employment growth for NAICS 722 for food and kindred product SCC; otherwise use 2008-2018 data	For dry cleaning, use employment growth for NAICS 812 instead of population
MD	Not using AEO2010; used employment for commercial & institutional fuel; used housing units for residential fuel	Provided updated employment projections; changed cross-walk between NAICS code and SCC for selected source categories	Provided updated population projections by county
NJ	NJ submitted state specific growth factors. For fuel combustion categories only, used AEO2011 growth rates except for residual oil (use no growth)	NJ submitted state specific growth factors.	NJ submitted state specific growth factors and provided population projections by county
NY	Use AEO2010 growth rates	Use state DOL employment projections by 3-digit NAICS	Use county-level population projections
PA	Use AEO2010 growth rates	Use state DOL employment projections by 3-digit NAICS	Use county-level population projections
VA	Use AEO2010 growth rates; no growth for suspect AEO2010 projection for commercial / institutional residual oil	Use state DOL employment projections by 3-digit NAICS	Use county-level population projections

### **2.3.2 Area Source Control Factors**

Control factors were developed to estimate post-2007 emission reductions resulting from on-the-books regulations and other emission reduction measures. Control factors were developed for the following national, regional and state measures:

- Federal Rules Affecting Area Sources
- Federal MACT Rules
- OTC 2001 Model Rules
- OTC 2006 Model Rules
- MANE-VU Sulfur in Fuel Oil Limitations

These control programs, including their impact on PM<sub>2.5</sub> and PM precursor emissions, are discussed in the following subsections.

#### **2.3.2.1 Federal Rules Affecting Area Sources**

USEPA made available its 2020 emissions projections associated with its 2005-based v4 modeling platform (USEPA 2010a). USEPA accounted for control strategies for four area source categories, only one of which reduced emissions of PM<sub>2.5</sub> or PM<sub>2.5</sub> precursors. USEPA developed projection factors to account for the replacement of retired woodstoves that were installed before promulgation of the new source performance standard (NSPS). We used USEPA's latest methodology which uses a combination growth and control factor and is based on activity and not pollutant. The growth and control are accounted for in a single factor for specific SCCs that account for the turnover from pre-NSPS to post-NSPS woodstove.

#### **2.3.2.2 Federal MACT Rules**

USEPA developed guidance for estimating VOC and NO<sub>x</sub> emission changes from MACT Rules (USEPA 2007b). We reviewed the guidance to identify area source controls associated with the federal maximum achievable control technology (MACT) standards for controlling hazardous air pollutants (HAPs). Although designed to reduce HAPs, many of the MACT standards also provide a reduction in criteria air pollutants. USEPA's guidance document provides an estimate of the percent reduction in VOC and NO<sub>x</sub> from each standard, and the compliance date for the standard. The information concerning MACT compliance periods provided was used to determine whether the MACT standard provided post-2007 emission reductions. For example, if a compliance period of a MACT standard was 2007 or earlier, then we assumed that the emission reductions from the MACT standard should be reflected in the baseline year and not as an additional post-2007 credit.

Only one area source category was listed in USEPA's guidance document - municipal solid waste landfills. As the compliance date for this standard was January 2004, no post-2007 reductions were applied because the emission reductions from the MACT standard should be reflected in the 2007 inventory and not as an additional post-2007 credit.

USEPA has or will soon develop MACT standards for about 70 area source categories. We reviewed USEPA's 2020 emissions projections described in the previous section and found that USEPA did not include emission reductions from recent area source MACT standards. We conducted a review of USEPA's air toxic website and found that USEPA determined that many area source MACT standards would result in nationwide reductions in criteria air pollutants in addition to the reductions in HAP emissions. However, many States in the MANE-VU+VA region already have emission standards for many categories that are as stringent as the Federal area source MACT standards. For example, many states in the MANE-VU+VA region already have requirements as stringent as the Gasoline Distribution MACT and GACT (generally achievable control technology) standards, and little additional VOC reductions would be realized in the region. Given the resources allocated to this project, it was beyond the scope to conduct an analysis of the area source MACT requirements and state-by-state emission regulations to determine whether there would be emission reductions resulting from the area source MACT standards.

The only exception to the above discussion of area source MACT standards pertains to the recently promulgated rules for reciprocating internal combustion engines (RICE). USEPA made available an estimate of the percent reduction in emissions attributable to the RICE MACT rule in 2012 and 2014 (USEPA 2010b). These reductions by SCC are shown in Exhibit 2-15. The USEPA 2014 estimates were used for the MANE-VU+VA 2017, 2020 and 2025 inventories.

### **2.3.2.3 OTC Model Rules for VOC Sources**

The Ozone Transport Commission (OTC) developed model rules for its member states in 2002 for several area source VOC categories: consumer products, architectural and industrial maintenance (AIM) coatings, portable fuel containers (PFCs), mobile equipment repair and refinishing, and solvent cleaning (OTC 2001). In 2006 the OTC introduced model rules for two additional area source categories (adhesives/sealants and asphalt paving) and more stringent requirements for consumer products and portable fuel containers (OTC 2007). These rules resulted in reductions of VOC emissions. Because VOC emissions are generally not considered to be significant PM precursors, and these rules did not result in reductions in PM<sub>2.5</sub> or precursor emissions, no further discussion of the OTC model rules for VOC sources is warranted.

**Exhibit 2-15 USEPA Estimated Percent Reductions for RICE MACT Standard**

SCC	NO <sub>x</sub>	PM <sub>2.5</sub>	SCC Description
2101004000		7.57	Electric Utility;Distillate Oil;Total: Boilers and IC Engines
2101004002		11.81	Electric Utility;Distillate Oil;All IC Engine Types
2101006000	7.97		Electric Utility;Natural Gas;Total: Boilers and IC Engines
2101006002	9.87		Electric Utility;Natural Gas;All IC Engine Types
2102004000		7.57	Industrial;Distillate Oil;Total: Boilers and IC Engines
2102006000	7.97		Industrial;Natural Gas;Total: Boilers and IC Engines
2102006002	9.87		Industrial;Natural Gas;All IC Engine Types
2103004000		7.57	Commercial/Institutional;Distillate Oil;Total: Boilers and IC Engines
2103006000	7.97		Commercial/Institutional;Natural Gas;Total: Boilers and IC Engines
2199004000		7.57	Area Source Fuel Combustion;Distillate Oil;Total: Boilers and IC Engines
2199004002		11.81	Area Source Fuel Combustion;Distillate Oil;All IC Engine Types
2199006000	7.97		Area Source Fuel Combustion;Natural Gas;Total: Boilers and IC Engines
2310000000	12.53		Oil and Gas Production: All Processes;Total: All Processes
2310000220	12.53		Oil and Gas Exploration/Production; Drill Rigs
2310000440	12.53		Oil and Gas Exploration/Production; Saltwater Disposal Engines
2310001000	12.53		Oil and Gas Production: SIC 13; On-shore;Total: All Processes
2310002000	12.53		Oil and Gas Production: SIC 13; Off-shore;Total: All Processes
2310020000	12.53		Oil and Gas Production: SIC 13;Natural Gas;Total: All Processes
2310020600	12.53		Oil and Gas Exploration and Production;Natural Gas;Compressor Engines
2310023000	12.53		Oil and Gas Exploration and Production;Natural Gas;Cbm Gas Well - Dewatering Pump Engines

**2.3.2.4 OTC Model Rule for ICI Boilers**

The OTC recommended that member states pursue state-specific rulemakings or other implementation methods to achieve NO<sub>x</sub> emission reduction for industrial, commercial, and institutional (ICI) boilers based on guidelines that varied by boiler size and fuel type. States were polled to determine whether they have adopted a rule that would achieve reductions equivalent to the 2006 OTC recommendations and whether the estimated reduction in NO<sub>x</sub> emissions should be applied in 2013, 2017, and 2020.

All but one state, New Jersey, indicated that they have not adopted rules for area sources equivalent to the 2006 OTC recommendations. New Jersey specified that the state has post-2007 ICI boiler rules that reduce NO<sub>x</sub> emissions and provided the estimates of the

reductions in NO<sub>x</sub> emissions by SCC resulting from boiler tune-up requirements, as shown in Exhibit 2.16:

**Exhibit 2.16 Area Source Emission Reductions from  
New Jersey ICI Boiler NO<sub>x</sub> Rules**

SCC	SOURCE CATEGORY	Percent Reduction from Tune-ups 2007-2013	Rule Effectiveness	Rule Penetration	Overall Percent Reduction 2007-2013
2102004000	Industrial: Distillate	25%	80%	30%	6%
2102005000	Industrial: Residual	25%	80%	30%	6%
2102006000	Industrial: Nat Gas	25%	80%	30%	6%
2102007000	Industrial: LPG	25%	80%	30%	6%
2103004000	Comm/Inst: Distillate	25%	80%	30%	6%
2103005000	Comm/Inst: Residual	25%	80%	30%	6%
2103006000	Comm/Inst: Nat Gas	25%	80%	30%	6%
2103007000	Comm/Inst - LPG	25%	80%	30%	6%

### 2.3.2.5 MANE-VU Fuel Oil Sulfur Strategy

MANE-VU developed a low sulfur fuel oil strategy to help states develop Regional Haze SIPs (MANE\_VU 2007). The sulfur in fuel oil recommendations are shown in Exhibit 2.17 and vary by state, type of fuel oil, and year of implementation.

**Exhibit 2.17 MANE-VU Low Sulfur Fuel Oil Strategy**

Inner Zone States (DE, NJ, NY, PA)		
Fuel Oil Type	Sulfur Content 2012	Sulfur Content 2016
Distillate	500 ppm	15 ppm
#4 Residual	0.25 %	0.25 %
#6 Residual	0.3 to 0.5 %	0.3 to 0.5 %
Outer Zone States (CT, DC, MD)		
Fuel Oil Type	Sulfur Content 2014	Sulfur Content 2018
Distillate	500 ppm	15 ppm
#4 Residual	n/a	0.25 to 0.5 %
#6 Residual	n/a	0.5 %



Each state was polled and asked to provide guidance as to when, if at all, the MANE-VU strategy would be incorporated into their state rules. States were also asked to provide the 2007 sulfur contents for each fuel type by county in order to calculate the percent reduction in emissions for the future years. Three states (MD, NJ, NY) have adopted or are committed to adopting the strategy into their rules. Four jurisdictions (CT, DC, DE, PA) indicated that not enough regulatory development progress has been made to include the reductions in future years with absolute certainty. One state (VA) has no plans to adopt the low sulfur fuel oil strategy. The response from each jurisdiction is summarized below:

- **Connecticut** will not include the reductions from MANE-VU low sulfur fuel oil strategy at this time for official SIP inventories used for the PM<sub>2.5</sub> redesignation effort. Section 16a-21a of the Connecticut General Statutes (as amended by PA 10-74) conditions implementation of number two heating oil sulfur limitation (50 ppm beginning 7/1/2011 and 15 ppm beginning 7/1/2014) on similar implementation in NY, MA and RI. NY has taken action, but the other states have not done so yet. CTDEP expects that 15ppm residential heating oil will be in place in CT by the "MANE-VU Ask" 2018 target date. However, until the other states act, SIP emission inventories will not be approvable with the 15 ppm value. Therefore, at this time CT elects to retain the 2007 sulfur value through 2025. For residual oil, Section 22a-174-19a of the Regulations of CT State Agencies (RCSA) limits sources  $\geq 15$  MW and boilers  $\geq 250$  mmBtu/hr to 0.5% and further limits any of those sources that are also Title IV acid rain sources to 0.3%. For affected sources, these limits are consistent with the "MANE-VU Ask", and should be reflected in the actual emissions incorporated into the 2007 point source inventory. Other sources (including most area sources) not otherwise restricted by permit/order are limited to 1.0% by RCSA 22a-174-19. As both of these regulations have not changed after 2007, there are no new controls (i.e., post 2007 control factors are 1.0) for residual oil.
- The **District of Columbia** does not have a low sulfur rule in place yet. They do have a draft, and anticipate adopting a rule by 2014, but are inclined not to take credit for reductions at this point in time.
- **Delaware's** low-sulfur fuel regulation development is running behind schedule and will not be promulgated done in time to include in the re-designation requests/maintenance plans. Emission reductions from MANE-VU low sulfur fuel oil strategy are not included in the 2025 inventory at this time.
- **Maryland** expects to revise COMAR 26.11.09.07 (Sulfur Content Limitations for Fuel) by 2014 to adopt the limits in the MANE-VU low sulfur fuel oil strategy.

- **New Jersey** has revised N.J.A.C. 7:27-9.2 (Sulfur content standards) to adopt the 2016 sulfur content limits and schedule shown in Exhibit 2.19. All of the PM nonattainment counties in New Jersey already meet the MANE-VU limits for residual oil.
- **New York** adopted a law that limits the sulfur content of No. 2 heating oil to no more than 15 parts per million starting in July 2012, down from the current range of 2,000 to 15,000 parts per million. New York expects to revise 6 NYCRR Subpart 225-1 (Fuel Composition and Use - Sulfur Limitations) to lower the sulfur content of distillate fuel oil for all stationary sources (including home heating) and stationary internal combustion engines. Nearly all of the PM nonattainment counties in New York already meet the MANE-VU limits for residual oil. For the two counties (Orange and Suffolk), compliance with the MANE-VU limits is expected by 2017.
- **Pennsylvania** low-sulfur fuel regulation development is running behind schedule and will not be promulgated done in time to include in the re-designation requests/maintenance plans. Emission reductions from MANE-VU low sulfur fuel oil strategy are not included in the 2025 inventory at this time.
- **Virginia** will not include the emission reductions from low sulfur fuel oil, as it is not part of MANE-VU and has no plans to adopt the low sulfur fuel oil strategy.

The state responses regarding the currently adopted sulfur contents for home heating oil, distillate oil, and residual oil are summarized in Exhibits 2.18, 2.19 and 2.20, respectively. For the purposes of developing the 2025 inventory that will be used for re-designations and maintenance plans, the sulfur contents and control factors shown in the Exhibits were used on a county-by-county basis to account for the emission reductions from the MANE-VU low sulfur fuel oil strategy. There are separate columns in the detailed area source inventory spreadsheet that specify SO<sub>2</sub> control factors and emissions for each projection year for a “currently adopted” scenario that includes reductions for states (MD, NJ, NY) that have or are committed to having rules in place. No emission reductions are applied for the other states (CT, DC, DE, PA, VA) in the “currently adopted” scenario.

For other air quality planning purposes, we accounted separately for emission reductions that would occur assuming all states fully adopt the MANE-VU low sulfur fuel limits by 2025. There are separate columns for SO<sub>2</sub> control factors and emissions for a “fully adopted” scenario where all states (except Virginia) have the MANE-VU low sulfur fuel oil limits in place.

**Exhibit 2.18 Currently Adopted Sulfur Content and Control Factors for Residential Fuel Oil Combustion**

STATE	FIPS	CNTY_NAME	Sulfur Content (ppm)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
CT	09001	Fairfield	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
CT	09009	New Haven	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
DE	10003	New Castle	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
DC	11001	Washington	1000	1000	1000	1000	1000	1.000	1.000	1.000	1.000
MD	24003	Anne Arundel	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24005	Baltimore	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24013	Carroll	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24017	Charles	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24021	Frederick	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24025	Harford	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24027	Howard	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24031	Montgomery	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24033	Prince Georges	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24043	Washington	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24510	Baltimore City	3000	3000	15	15	15	1.000	0.005	0.005	0.005
NJ	34003	Bergen	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34005	Burlington	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34007	Camden	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34013	Essex	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34015	Gloucester	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34017	Hudson	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34021	Mercer	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34023	Middlesex	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34025	Monmouth	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34027	Morris	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34031	Passaic	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075

STATE	FIPS	CNTY_NAME	Sulfur Content (ppm)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
NJ	34035	Somerset	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34039	Union	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NY	36005	Bronx	2000	15	15	15	15	0.007	0.007	0.007	0.007
NY	36047	Kings	2000	15	15	15	15	0.007	0.007	0.007	0.007
NY	36059	Nassau	3700	15	15	15	15	0.004	0.004	0.004	0.004
NY	36061	New York	2000	15	15	15	15	0.007	0.007	0.007	0.007
NY	36071	Orange	3700	15	15	15	15	0.004	0.004	0.004	0.004
NY	36081	Queens	2000	15	15	15	15	0.007	0.007	0.007	0.007
NY	36085	Richmond	2000	15	15	15	15	0.007	0.007	0.007	0.007
NY	36087	Rockland	3700	15	15	15	15	0.004	0.004	0.004	0.004
NY	36103	Suffolk	3700	15	15	15	15	0.004	0.004	0.004	0.004
NY	36119	Westchester	3700	15	15	15	15	0.004	0.004	0.004	0.004
PA	42003	Allegheny	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42005	Armstrong	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42007	Beaver	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42011	Berks	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42017	Bucks	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42019	Butler	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42021	Cambria	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42029	Chester	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42041	Cumberland	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42043	Dauphin	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42045	Delaware	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42059	Greene	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42063	Indiana	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42071	Lancaster	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42073	Lawrence	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42075	Lebanon	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000

STATE	FIPS	CNTY_NAME	Sulfur Content (ppm)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
PA	42077	Lehigh	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42091	Montgomery	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42095	Northampton	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42101	Philadelphia	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42125	Washington	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42129	Westmoreland	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42133	York	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51013	Arlington	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51059	Fairfax	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51107	Loudoun	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51153	Prince William	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51510	Alexandria	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51600	Fairfax City	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51610	Falls Church	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51683	Manassas City	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51685	Manassas Park City	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000

**Exhibit 2.19 Currently Adopted Sulfur Content and Control Factors for Distillate Fuel Oil Combustion**

STATE	FIPS	CNTY_NAME	Sulfur Content (% S)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
CT	09001	Fairfield	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
CT	09009	New Haven	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
DE	10003	New Castle	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
DC	11001	Washington	1000	1000	1000	1000	1000	1.000	1.000	1.000	1.000
MD	24003	Anne Arundel	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24005	Baltimore	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24013	Carroll	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24017	Charles	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24021	Frederick	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24025	Harford	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24027	Howard	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24031	Montgomery	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24033	Prince Georges	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24043	Washington	3000	3000	15	15	15	1.000	0.005	0.005	0.005
MD	24510	Baltimore City	3000	3000	15	15	15	1.000	0.005	0.005	0.005
NJ	34003	Bergen	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34005	Burlington	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34007	Camden	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34013	Essex	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34015	Gloucester	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34017	Hudson	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34021	Mercer	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34023	Middlesex	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34025	Monmouth	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34027	Morris	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34031	Passaic	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075

STATE	FIPS	CNTY_NAME	Sulfur Content (% S)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
NJ	34035	Somerset	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NJ	34039	Union	2000	2000	15	15	15	1.000	0.0075	0.0075	0.0075
NY	36005	Bronx	2000	2000	15	15	15	1.000	0.007	0.007	0.007
NY	36047	Kings	2000	2000	15	15	15	1.000	0.007	0.007	0.007
NY	36059	Nassau	3700	3700	15	15	15	1.000	0.004	0.004	0.004
NY	36061	New York	2000	2000	15	15	15	1.000	0.007	0.007	0.007
NY	36071	Orange	3700	3700	15	15	15	1.000	0.004	0.004	0.004
NY	36081	Queens	2000	2000	15	15	15	1.000	0.007	0.007	0.007
NY	36085	Richmond	2000	2000	15	15	15	1.000	0.007	0.007	0.007
NY	36087	Rockland	3700	3700	15	15	15	1.000	0.004	0.004	0.004
NY	36103	Suffolk	3700	3700	15	15	15	1.000	0.004	0.004	0.004
NY	36119	Westchester	3700	3700	15	15	15	1.000	0.004	0.004	0.004
PA	42003	Allegheny	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42005	Armstrong	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42007	Beaver	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42011	Berks	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42017	Bucks	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42019	Butler	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42021	Cambria	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42029	Chester	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42041	Cumberland	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42043	Dauphin	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42045	Delaware	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42059	Greene	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42063	Indiana	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42071	Lancaster	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42073	Lawrence	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42075	Lebanon	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000

STATE	FIPS	CNTY_NAME	Sulfur Content (% S)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
PA	42077	Lehigh	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42091	Montgomery	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42095	Northampton	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42101	Philadelphia	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42125	Washington	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42129	Westmoreland	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
PA	42133	York	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51013	Arlington	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51059	Fairfax	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51107	Loudoun	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51153	Prince William	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51510	Alexandria	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51600	Fairfax City	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51610	Falls Church	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51683	Manassas City	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000
VA	51685	Manassas Park City	3000	3000	3000	3000	3000	1.000	1.000	1.000	1.000



**Exhibit 2.20 Currently Adopted Sulfur Content and Control Factors for Residual Fuel Oil Combustion**

STATE	FIPS	CNTY_NAME	Sulfur Content (% S)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
CT	09001	Fairfield	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
CT	09009	New Haven	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
DE	10003	New Castle	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
DC	11001	Washington	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
MD	24003	Anne Arundel	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
MD	24005	Baltimore	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
MD	24013	Carroll	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
MD	24017	Charles	2.0	2.0	0.5	0.5	0.5	1.000	0.250	0.250	0.250
MD	24021	Frederick	2.0	2.0	0.5	0.5	0.5	1.000	0.250	0.250	0.250
MD	24025	Harford	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
MD	24027	Howard	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
MD	24031	Montgomery	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
MD	24033	Prince Georges	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
MD	24043	Washington	2.0	2.0	0.5	0.5	0.5	1.000	0.250	0.250	0.250
MD	24510	Baltimore City	1.0	1.0	0.5	0.5	0.5	1.000	0.500	0.500	0.500
NJ	34003	Bergen	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NJ	34005	Burlington	0.5	0.5	0.5	0.5	0.5	1.000	1.000	1.000	1.000
NJ	34007	Camden	0.5	0.5	0.5	0.5	0.5	1.000	1.000	1.000	1.000
NJ	34013	Essex	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NJ	34015	Gloucester	0.5	0.5	0.5	0.5	0.5	1.000	1.000	1.000	1.000
NJ	34017	Hudson	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NJ	34021	Mercer	0.5	0.5	0.5	0.5	0.5	1.000	1.000	1.000	1.000
NJ	34023	Middlesex	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NJ	34025	Monmouth	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NJ	34027	Morris	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NJ	34031	Passaic	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000

STATE	FIPS	CNTY_NAME	Sulfur Content (% S)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
NJ	34035	Somerset	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NJ	34039	Union	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NY	36005	Bronx	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NY	36047	Kings	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NY	36059	Nassau	0.37	0.37	0.37	0.37	0.37	1.000	1.000	1.000	1.000
NY	36061	New York	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NY	36071	Orange	1.5	1.5	0.5	0.5	0.5	1.000	0.333	0.333	0.333
NY	36081	Queens	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NY	36085	Richmond	0.3	0.3	0.3	0.3	0.3	1.000	1.000	1.000	1.000
NY	36087	Rockland	0.37	0.37	0.37	0.37	0.37	1.000	1.000	1.000	1.000
NY	36103	Suffolk	1	1	0.5	0.5	0.5	1.000	0.500	0.500	0.500
NY	36119	Westchester	0.37	0.37	0.37	0.37	0.37	1.000	1.000	1.000	1.000
PA	42003	Allegheny	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42005	Armstrong	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42007	Beaver	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42011	Berks	2.0	2.0	2.0	2.0	2.0	1.000	1.000	1.000	1.000
PA	42017	Bucks	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
PA	42019	Butler	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42021	Cambria	2.0	2.0	2.0	2.0	2.0	1.000	1.000	1.000	1.000
PA	42029	Chester	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
PA	42041	Cumberland	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42043	Dauphin	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42045	Delaware	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
PA	42059	Greene	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42063	Indiana	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42071	Lancaster	2.0	2.0	2.0	2.0	2.0	1.000	1.000	1.000	1.000
PA	42073	Lawrence	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42075	Lebanon	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000

STATE	FIPS	CNTY_NAME	Sulfur Content (% S)					Control Factor			
			2007	2013	2017	2020	2025	CF_07_13	CF_07_17	CF_07_20	CF_07_25
PA	42077	Lehigh	2.0	2.0	2.0	2.0	2.0	1.000	1.000	1.000	1.000
PA	42091	Montgomery	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
PA	42095	Northampton	2.0	2.0	2.0	2.0	2.0	1.000	1.000	1.000	1.000
PA	42101	Philadelphia	1.0	1.0	1.0	1.0	1.0	1.000	1.000	1.000	1.000
PA	42125	Washington	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42129	Westmoreland	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
PA	42133	York	2.8	2.8	2.8	2.8	2.8	1.000	1.000	1.000	1.000
VA	51013	Arlington	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51059	Fairfax	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51107	Loudoun	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51153	Prince William	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51510	Alexandria	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51600	Fairfax City	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51610	Falls Church	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51683	Manassas City	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000
VA	51685	Manassas Park City	2.25	2.25	2.25	2.25	2.25	1.000	1.000	1.000	1.000

## 3.0 POINT SOURCES

### 3.1 POINT SOURCE CATEGORIES

States were asked to classify units in the 2007 MANE-VU+VA point source emissions inventory as either EGU or nonEGU. Most, but not all, units that report hourly emissions to USEPA's Clean Air Markets Division (CAMD) are classified as EGUs.

CAMD implements USEPA's rule found in Volume 40 Part 75 of the Code of Federal Regulations (CFR), which requires an hourly accounting of emissions from each affected unit - i.e., sources participating in an emissions cap and trade program under the Acid Rain Control Program, the NO<sub>x</sub> Budget Trading Program, or the Clean Air Interstate Rule. Most of the CAMD sources are traditional power plants that sell electricity to the electrical grid. However, there are other types of sources that report to CAMD that are not considered to be EGUs, such as petroleum refineries and cement kilns.

The following criteria was provided to states to classify a unit as an EGU:

- An EGU sells most of the power generated to the electrical grid;
- An EGU burns mostly commercial fuel. Commercial fuel in this case means natural gas, oil, and coal. Wood is not considered a commercial fuel because some states identify wood as renewable. Therefore, to avoid double counting, units that burn wood and other renewable sources (depending on each state's own definition) should not be considered as an EGU (unless it is already in the CAMD database).

The following units were not considered EGUs for emission projections: (1) a unit that generates power for a facility but occasionally sells to the grid; (2) emergency generators; or (3) distributed generation units.

The emission projection methodology for units classified as nonEGUs is discussed in Section 3.3. The emission projection methodology for EGUs is discussed in Section 3.4.

### 3.2 2007 INVENTORY DEVELOPMENT

The emission projections for the 2025 point source were based on Version 3\_3 of the 2007 MANE-VU+VA inventory and are fully documented in the TSD for that effort (MARAMA 2012a). The only adjustment to the 2007 Version 3\_3 point source source inventory was to apply "transport factors" to fugitive dust sources, as described in the following subsection.

### 3.2.1 Adjustments to the 2007 Inventory Used for the 2025 Projections

As described previously in Section 2.2.1.1, PM<sub>2.5</sub> emissions for point sources were adjusted using the USEPA PM transport fractions for fugitive dust sources. Exhibit 3.1 shows the list of nonEGU SCCs for which the transport factor was applied. The major source categories included various operations in the mineral products and construction industries. Exhibit 2.2 in the previous Section 2 shows the transport fractions for each PM nonattainment county.

#### Exhibit 3.1 NonEGU Point Source SCCs Affected by PM Transport Fraction

SCC	SCC Description
30300519	Prim Metal Prod: Primary Copper Smelting: Unpaved Road Traffic: Fug Emiss
30300831	Prim Metal Prod: Iron Production: Unpaved Roads: Light Duty Vehicles
30300832	Prim Metal Prod: Iron Production: Unpaved Roads: Med Duty Vehicles
30300833	Prim Metal Prod: Iron Production: Unpaved Roads: Heavy Duty Vehicles
30300834	Prim Metal Prod: Iron Production: Paved Roads: All Vehicle Types
30302321	Prim Metal Prod: Taconite Iron Ore Processing: Haul Road: Rock
30302322	Prim Metal Prod: Taconite Iron Ore Processing: Haul Road: Taconite
30500290	Industrial Processes;Mineral Products;Asphalt Concrete;Haul Roads: General
30501024	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Hauling
30501030	Industrial Processes;Mineral Products;Coal Mining, Cleaning, and Material Handling (See 305310);Tops
30501031	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Scrapers: Travel Mode
30501039	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Hauling: Haul Trucks
30501045	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Bulldozing: Overburden
30501046	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Bulldozing: Coal
30501047	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Grading
30501048	Industrial Processes;Mineral Products;Coal Mining, Cleaning, and Material Handling (See 305310);Over
30501049	Industrial Processes;Mineral Products;Coal Mining, Cleaning, and Material Handling (See 305310);Wind
30501050	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Vehicle Traffic: Light/Medium Vehicles
30501090	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Haul Roads: General
30501640	Mineral Products: Lime Manufacture: Vehicle Traffic
30502011	Mineral Products: Stone Quarrying - Processing: Hauling
30502504	Mineral Products: Construction Sand and Gravel: Hauling
30531090	Mineral Products: Coal Mining, Cleaning, & Mat'l Handling: Haul Roads: General
31100101	Building Const: Construction: Building Contractors: Site Preparation: Topsoil Removal
31100102	Building Const: Construction: Building Contractors: Site Prep: Earth Moving (Cut and Fill)

SCC	SCC Description
31100103	Building Const: Construction: Building Contractors: Site Prep: Aggregate Hauling (On Dirt)
31100205	Building Const: Demolitions/Special Trade Contracts: On-site Truck Traffic
31100206	Building Const: Demolitions/Special Trade Contracts: On-site Truck Traffic
50100401	Waste Disposal;Solid Waste Disposal - Government;Landfill Dump;Unpaved Road Traffic

### 3.3 2025 NONEGU INVENTORY DEVELOPMENT

#### 3.3.1 NonEGU Growth Factors

NonEGU point source growth factors were developed using three sets of data:

- Annual Energy Outlook fuel consumption forecasts;
- State-level employment projections by NAICS code; and
- Other state-specific emission projection data.

The priority for applying these growth factors was to first use the state-supplied projection data (if available). If no state-supplied data are available, then we used AEO projection factors for fuel consumption sources and employment data for other source categories.

The AEO fuel consumption forecasts and employment projections by NAICS code used for area sources were also used for nonEGU point sources. See Section 2.3.1 of this report for a description of these data sets.

Section 2 described the growth factors used to develop projected future year emissions inventories for both area and non-EGU sources. Draft growth and control factors, and a draft technical support document, were circulated for review by MARAMA and state agencies. During the review, it was noted that several emissions categories show negative growth into the future, particularly categories related to fossil fuel combustion and manufacturing employment. The AEO forecasts show declining trends for many fuel consumption sectors, especially industrial, residential, and commercial distillate fuel oil use. Similarly, the employment projections show declines in the predicted number of employees for many sectors of the economy. This is particularly true for the manufacturing sector, which is of interest because this sector is often associated with higher emissions than those for other sectors. By contrast, the employment projections show increasing trends in retail and service-related sectors.

Predicted declines in fuel use and employment resulted in growth factors less than unity (i.e., represent negative growth) for many area and non-EGU point source categories. Consequently, for some categories, emissions are lower for the projected future years than

for the base year, even before the application of control assumptions (i.e., the future "growth only" emissions are lower than the base year emissions). The MARAMA emissions inventory workgroup met on several occasions via conference calls and email exchanges to discuss whether the negative growth projections were realistic, and what additional assumptions should be made. A topic of particular concern is negative growth for non-EGU point sources versus the treatment of Emissions Reduction Credits (ERCs) in the future year inventories.

A few states cited the importance of the negative growth issue for non-EGUs and how it relates to their ERC programs which are critical to new businesses being able to locate in those states. Because businesses could apply for and sell ERCs at the level of the base year inventory, it would not be realistic to show negative growth for non-EGU point sources. During an economic downturn, a facility could shut down and sell its ERCs, making the effective level of future year emissions equal to (i.e., no lower than) the base year. Therefore, a recommended conservative approach for addressing negative growth for non-EGU point sources is to set a minimum growth rate of 1 (no growth).

During the conference call held on July 23, 2010 to discuss the negative growth issue, state agency representatives were polled as to whether or not they felt that the current set of proposed growth factors - including the negative growth factors - were realistic for their state or district. In reply, some representatives mentioned that they have observed historic state-specific data that supports the trends displayed by the proposed growth factors. Other representatives mentioned that they feel comfortable with the growth factors and don't have a technical basis to change them or suggest others. Some states will supply their own factors or make their own assumptions.

As a result of these discussions, each state provided guidance on how to handle projections when negative growth is indicated. Exhibit 3.2 shows the state recommendations for nonEGU point sources.

**Exhibit 3.2 State Recommendations to Address Negative Growth  
for the NonEGU Point Source Sector**

<b>State</b>	<b>AEO2010 Growth Factors</b>	<b>Employment Growth Factors</b>
CT	Use no growth (growth factor=1) when AEO growth is negative; otherwise use AEO2010 if positive growth	Use state DOL employment projections by 3-digit NAICS
DE	Use AEO2010 growth rates	For 2013, use state DOL employment projections by 3-digit NAICS; For 2017 and 2020, use no growth (growth factor=1) when employment growth is

State	AEO2010 Growth Factors	Employment Growth Factors
		negative; otherwise use employment if positive growth
DC	Use AEO2010 growth rates	Use state 2008-2018 DOL employment projections by 3-digit NAICS; no growth when employment is projected to decrease
MD	Not using AEO2010 growth factors (except for the electric power generation SCCs); Use MD DOL employment projections for industrial and commercial fuel use SCCs, unless employment growth rate is negative, in which case use no growth (growth factor=1)	Use updated state DOL employment projections by 3-digit NAICS; For DoD facilities, account for impacts of Base Realignment and Closure; For source that have closed, account for emission reduction credits
NJ	New Jersey submitted state specific growth factors. Used either state specific growth factors, no growth (growth factor=1) when state AEO growth is negative or AEO if positive growth	NJ submitted state specific growth factors. Used either state specific factors, no growth (growth factor=1) when state DOL employment growth is negative or employment if positive growth
NY	Use no growth (growth factor=1) when AEO growth is negative; otherwise use AEO2010 if positive growth	Use no growth (growth factor=1) when employment growth is negative; otherwise use employment if positive growth
PA	Use no growth (growth factor=1) when AEO growth is negative; otherwise use AEO2010 if positive growth	Use no growth (growth factor=1) when employment growth is negative; otherwise use employment if positive growth
VA	Use no growth (growth factor=1) when AEO growth is negative; otherwise use AEO2010 if positive growth	Use no growth (growth factor=1) when employment growth is negative; otherwise use employment if positive growth

### 3.3.2 Emission Reduction Credits

Multiple states (Connecticut, Maryland, and New Jersey) added county level records account for account emission reduction credits (ERCs) issued to stationary sources pursuant to state regulations. States provided ERCs on a county-by-county basis. Fictitious facilities with an identifier of "OFFSET99999" were created for each county using SCC 23-99-000-000 (miscellaneous industrial processes: not elsewhere classified). Stack data were developed that assumed that emissions were released at the county centroid with an assumed release height of 10 feet. For the 2017 and 2020 inventories, ERC emissions were set to the amount of banked emissions available in 2007.

Delaware included the banked credits at the specific locations that they were generated. New York and Pennsylvania did not explicitly provide any information on ERCs.

The District of Columbia and Virginia do not have a formal banking and trading program. They used growth rates of 1 for those SCCs in the point source emissions inventory that showed a negative growth. In addition, for units that have or are projected to have shut



down, they preserved the 2007 emissions in the inventory to account for potential use as offsets or credits.

### 3.3.3 NonEGU Control Factors

Control factors were developed for both on-the-books regulations and proposed regulations and other actions to estimate emission reductions in future years. Control factors were considered for the following national or regional control measures:

- Federal Rules Affecting NonEGU Point Sources
- OTC 2001 Model Rules
- OTC 2006 Model Rules
- MANE-VU Sulfur in Fuel Oil Strategy

These control programs are discussed in the following subsections.

#### 3.3.3.1 Federal Actions Affecting NonEGU Point Sources

USEPA made available its 2020 emissions projections associated with its 2005-based v4 modeling platform (USEPA 2010a). These categories, and how they were accounted for in the MANE-VU+VA emission projection inventories, are described below:

- MACT Standards - USEPA developed guidance for estimating VOC and NO<sub>x</sub> emission changes from MACT Rules (USEPA 2007b). We reviewed the guidance to identify nonEGU source controls associated with MACT standards for controlling HAPs. The information concerning MACT compliance periods was used to determine whether the MACT standard resulted in post-2007 emission reductions. Because major source categories had a compliance period of 2007 or earlier, we assumed that the emission reductions from the MACT standard should be reflected in the baseline year and not as an additional post-2007 credit. The only exception to the above discussion of area source MACT standards pertains to the recently promulgated rules for reciprocating internal combustion engines. USEPA made available an estimate of the percent reduction in emissions attributable to the RICE MACT rule in 2012 and 2014 (USEPA 2010b). These reductions by SCC are shown in Exhibit 3.3. The USEPA 2014 estimates were used for the MANE-VU+VA 2017, 2020 and 2025 inventories.
- Industrial, Commercial, and Institutional Boilers and Process Heaters MACT Standard - USEPA's 2020 control factor file identified a number of solid fuel-burning SCCs for which they estimated an 87% reduction in both PM<sub>10</sub> and PM<sub>2.5</sub>. These were used for 2025 also for the affected SCCs.

- Petroleum refinery enforcement settlements - For the facilities identified by USEPA located in New Jersey and Pennsylvania we applied post-2007 estimated reductions for NO<sub>x</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and SO<sub>2</sub> to affected units.

### Exhibit 3.3 USEPA Estimated Percent Reductions for RICE MACT Standard

SCC	NOx	PM2.5	SCC Description
20100102		15.14	Electric Generation;Distillate Oil (Diesel);Reciprocating
20100105		15.14	Electric Generation;Distillate Oil (Diesel);Reciprocating: Crankcase Blowby
20100107		15.14	Electric Generation;Distillate Oil (Diesel);Reciprocating: Exhaust
20100202	12.53		Electric Generation;Natural Gas;Reciprocating
20100207	12.53		Electric Generation;Natural Gas;Reciprocating: Exhaust
20200102		15.14	Industrial;Distillate Oil (Diesel);Reciprocating
20200104		15.14	Industrial;Distillate Oil (Diesel);Reciprocating: Cogeneration
20200107		15.14	Industrial;Distillate Oil (Diesel);Reciprocating: Exhaust
20200202	12.53		Industrial;Natural Gas;Reciprocating
20200204	12.53		Industrial;Natural Gas;Reciprocating: Cogeneration
20200207	12.53		Industrial;Natural Gas;Reciprocating: Exhaust
20200253	37.96		Industrial;Natural Gas;4-cycle Rich Burn
20200301	37.96		Industrial;Gasoline;Reciprocating
20200307	37.96		Industrial;Gasoline;Reciprocating: Exhaust
20201001	12.53		Industrial;Liquified Petroleum Gas (LPG);Propane
20201002	12.53		Industrial;Liquified Petroleum Gas (LPG);Butane
20201702	37.96		Industrial;Gasoline;Reciprocating Engine
20201707	37.96		Industrial;Gasoline;Reciprocating: Exhaust
20300101		15.14	Commercial/Institutional;Distillate Oil (Diesel);Reciprocating
20300105		15.14	Commercial/Institutional;Distillate Oil (Diesel);Reciprocating: Crankcase Blowby
20300106		15.14	Commercial/Institutional;Distillate Oil (Diesel);Reciprocating: Evaporative Losses
20300107		15.14	Commercial/Institutional;Distillate Oil (Diesel);Reciprocating: Exhaust
20300201	12.53		Commercial/Institutional;Natural Gas;Reciprocating
20300204	12.53		Commercial/Institutional;Natural Gas;Cogeneration
20300207	12.53		Commercial/Institutional;Natural Gas;Reciprocating: Exhaust
20300301	37.96		Commercial/Institutional;Gasoline;Reciprocating
20300307	37.96		Commercial/Institutional;Gasoline;Reciprocating: Exhaust
20301001	12.53		Commercial/Institutional;Liquified Petroleum Gas (LPG);Propane
20301002	12.53		Commercial/Institutional;Liquified Petroleum Gas (LPG);Butane
20400401	37.96		Engine Testing;Reciprocating Engine;Gasoline

SCC	NO <sub>x</sub>	PM <sub>2.5</sub>	SCC Description
20400402		15.14	Engine Testing;Reciprocating Engine;Diesel/Kerosene
20400403		15.14	Engine Testing;Reciprocating Engine;Distillate Oil: Cl: Cl: VOC 2005cr = 0
31000203	12.53		Oil and Gas Production;Natural Gas Production;Compressors
50100421	12.53		Solid Waste Disposal;Landfill Dump;Waste Gas Recovery: Internal Combustion Device

### 3.3.3.2 OTC 2001 Model Rules for NonEGUs

The OTC developed NO<sub>x</sub> control measures for industrial, commercial, and institutional (ICI) boilers and distributed generation units in 2001 (OTC 2001). We reviewed the OTC's status reports to identify states status in adopting the OTC 2001 model rules (OTC 2009a). Most states have adopted the OTC model rules with compliance dates in 2007 or earlier. As a result, we assumed that the emission reductions from the 2001 OTC model rules for nonEGUs are already reflected in the 2007 inventory and no post- 2007 reductions were applied.

### 3.3.3.3 OTC 2006 Model Rules for NonEGUs

In 2006, the OTC introduced model rules (OTC 2007) for one nonEGU VOC source category (adhesives/sealants) and new/more stringent requirements for several NO<sub>x</sub> source categories (asphalt production plants, cement kilns, glass/fiberglass furnaces, and industrial, commercial, and institutional {ICI} boilers). We reviewed the OTC's status reports to identify where state status in adopting the OTC 2006 model rules (OTC 2009b). To obtain further clarification of each state's status, states were polled to determine whether they have adopted a rule that would achieve reductions equivalent to the OTC model rule, whether credit for each rule was already accounted for in the 2007 inventory, and whether the estimated reduction in emissions should be applied in 2013, 2017, 2020 and 2025. The following paragraphs describe the control factors applied for each rule by state and future year.

#### 3.3.3.3.1 OTC 2006 Model Rule for Asphalt Production Plants

The OTC recommended that member states pursue state-specific rulemakings or other implementation methods that would achieve a 35 percent reduction in NO<sub>x</sub> emissions. States were polled to determine whether they have adopted a rule that would achieve reductions equivalent to the 2006 OTC model rule and whether the estimated reduction in NO<sub>x</sub> emissions should be applied in 2013, 2017, 2020 and 2025. Only New Jersey indicated that the reductions should be applied. New York did not provide guidance, and it

was assumed that the NO<sub>x</sub> reductions should be applied in New York for three future years. All other states indicated that the NO<sub>x</sub> reductions should not be applied in the future years. For those states that indicated they wanted to include the reductions, a 35 percent reduction in NO<sub>x</sub> emissions was applied for SCC 3-05-002-xx.

#### **3.3.3.3.2 OTC 2006 Model Rule for Cement Manufacturing Plants**

Cement kilns are located in Maryland, New York, and Pennsylvania. Virginia has one cement kiln, which is not located in a PM nonattainment county. The OTC recommended state-specific rulemakings or other implementation methods that would result in about a 60 percent reduction in uncontrolled levels NO<sub>x</sub> emissions. This emission reduction for cement kilns was calculated using the methodology previously developed and documented in the OTC report (OTC 2007). Cement kilns are already subject to NO<sub>x</sub> controls as part of Phase I of the NO<sub>x</sub> SIP call. Emission reductions resulting from the NO<sub>x</sub> SIP call are already accounted for in the 2007 inventory.

The following methods were used to calculate the additional reductions from the OTC 2006 Control Measure in each state:

- Maryland indicated controls will become effective in 2011 for the two facilities in the state. Maryland specified a 25 percent reduction for the Holcim facility and a 40 percent reduction for the Lehigh facility. No reductions were specified for the two kilns at the Essroc facility.
- New York did not provide guidance regarding cement kilns. We used the percent reductions previously developed and documented in the previous round of emission projections developed for MARAMA (MARAMA 2007). An incremental control efficiency of 40 percent was used for New York cement kilns in that inventory.
- Pennsylvania provided kiln-specific projected future year NO<sub>x</sub> emissions for 2013, 2017, and 2020. The 2020 controlled emissions were also used for 2025. A kiln-specific control factor was calculated based on the ratio of the future year emissions to the 2007 emissions.

#### **3.3.3.3.3 OTC 2006 Model Rule for Glass and Fiberglass Furnaces**

The OTC recommended state-specific rulemakings or other implementation methods to achieve an approximately 85 percent reduction in NO<sub>x</sub> emissions from uncontrolled levels. Emission reductions for glass and fiberglass furnaces were calculated using the methodology previously developed and documented in the OTC report (OTC 2007). Glass and fiberglass furnaces are located in Maryland, New Jersey, New York, and Pennsylvania. There are no other States with facilities in a PM nonattainment county.

The following methods were used to calculate the additional reductions from the OTC 2006 Control Measure in each state:

- Maryland indicated that a 48 percent reduction should be applied to the single glass manufacturing facility in Maryland.
- New Jersey indicated that a 50 percent reduction in NO<sub>x</sub> emissions should be applied to glass and fiberglass furnaces in 2013, 2017, 2020 and 2025.
- New York did not provide guidance regarding glass or fiberglass furnaces. We used the percent reductions developed and documented in the previous round of emission projections developed for MARAMA (MARAMA 2007). An incremental control efficiency of 70 percent was used for New York glass and fiberglass furnaces in that inventory.
- Pennsylvania provided furnace-specific projected future year NO<sub>x</sub> emissions for 2017 and 2020 for all facilities, including those in Allegheny County. The 2020 controlled emissions were also used for 2025. A furnace-specific control factor was calculated based on the ratio of the future year emissions to the 2007 emissions.
- For the three glass manufacturing facilities in Allegheny County, we used the percent reductions previously developed and documented in the previous round of emission projections developed for MARAMA (MARAMA 2007). An incremental control efficiency of 86 percent was used for Allegheny County glass and fiberglass furnaces in that inventory.

#### **3.3.3.3.4 OTC 2006 Model Rule for ICI Boilers**

The OTC recommended that member states pursue state-specific rulemakings or other implementation methods to achieve NO<sub>x</sub> emission reduction for industrial, commercial, and institutional (ICI) boilers based on guidelines that varied by boiler size and fuel type. States were polled to determine whether they have adopted a rule that would achieve reductions equivalent to the 2006 OTC recommendations and whether the estimated reduction in NO<sub>x</sub> emissions should be applied in 2013, 2017, 2020, and 2025.

Most states have not adopted rules equivalent to the 2006 OTC recommendations. These states indicated that they will likely depend on a USEPA national rule for possible inclusion in the BOTW inventory. Specifically, the OTC Resolution 10-01 (June, 2010) called on USEPA for national regulations for ICI boilers.

New Jersey provided NO<sub>x</sub> percent reductions that varied by heat input rate and fuel/boiler type and included an 80 percent rule effectiveness adjustment, as shown in Exhibit 3.4.

**Exhibit 3.4 NonEGU Point Source Emission Reductions from  
New Jersey ICI Boiler NO<sub>x</sub> Rules**

<b>Heat Input Rate (mmBtu/hr)</b>	<b>Fuel/Boiler Type</b>	<b>Overall % Reduction 2007-2025</b>
at least 5 but < 10	All	20%
at least 10 but < 20	All	20%
at least 25 but < 50	Natural gas only	40%
	No. 2 Fuel oil only	40%
	Refinery fuel gas and other gaseous fuels	40%
	Other liquid fuels	40%
	Duel Fuel using fuel oil and/or natural gas	40%
at least 50 but < 100	Natural gas only	40%
	No. 2 Fuel oil only	27%
	Other liquid fuels	27%
	Duel Fuel using fuel oil and/or natural gas	40%
at least 100 or greater	No. 2 Fuel oil only	40%

The NIF file submitted by New Jersey for this project did not include the boiler design capacity. This data gap was filled using the boiler design capacities previously developed for the OTC study in 2006, if available; otherwise the SCC description was used to assign a default boiler design capacity.

New York specified that a 50 percent reduction should be applied in the existing controls inventory for all boilers with greater than 25 mmBtu/hour design capacity. The NIF file submitted by New York for this project did not include the boiler design capacity. This data gap was filled using the boiler design capacities previously developed for the OTC study in 2006, if available; otherwise the SCC description was used to assign a default boiler design capacity.

#### **3.3.3.4 MANE-VU Fuel Oil Sulfur Strategy**

MANE-VU developed a low sulfur fuel oil strategy to help states develop Regional Haze SIPs (MANE-VU 2007). The sulfur in fuel oil recommendations were previously shown in Section 2.3.2.5 and vary by state, fuel oil type, and implementation year.

#### **3.3.3.5 State-specific NonEGU Control Factors**

The following state-specific nonEGU control factors were provided:

- **Bellefield Boiler Plant, Allegheny County.** Allegheny County indicated that this facility changed their fuel source from coal to natural gas in July 2009 and future year emissions were changed to reflect the fuel switch.
- **USS Clairton Works, Allegheny County.** The facility will remove Batteries 7-9 and have Battery C operational by 2013, resulting in a change in PM emissions in 2013. Also, USS Clairton Works will remove Batteries 1-3 and have Battery D operational in 2015, resulting in a change in PM emissions in 2017, 2020 and 2025.
- **Chrysler, Delaware.** The Chrysler facility (ID 1000300128) shut down in 2009. Delaware specified that only a 25 percent reduction should be taken for all pollutants as some emissions will be banked for future use by other sources.
- **OSG Ship Management (ID 1000500093), Delaware.** Delaware provided source-specific growth factors and percent reductions in VOC emissions for 2013, 2017, and 2020 from the lightering operations at OSG Ship Management (ID 1000500093). The 2025 emissions were expected to be the same as the 2020 emissions.
- **Control Technology Guidance (CTG) Documents, Delaware.** Delaware determined that VOC emission reductions from new CTG recommendations would be very small. Although the new CTGs set up new recommendations for higher control efficiencies, the actual VOC reductions would be minimum, if not none, because most DE's existing facilities are not affected by the new requirements and emissions from those facilities are relatively small (based on 2002 inventory).
- **Unit Shutdowns, Delaware.** Delaware identified several emission units that have shut down at the following facilities: Dow Reichhold Specialty latex (ID 1000100016), SPI Poly-Ols (ID 1000300426), and Invistas (ID 1000500002). Emissions for all pollutants were set to zero for these units.
- **Premcor Refinery NO<sub>x</sub> Plantwide Cap, Delaware.** The refinery was sold to the Delaware City Refining Company and an agreement was reached with DNREC's Secretary that allows plant-wide applicability limit (cap) for NO<sub>x</sub>. Delaware decided to divide the NO<sub>x</sub> -cap to each stack equally. Delaware estimated a plantwide reduction of 10.05 percent in 2013 and 41.22 percent in 2017, 2020 and 2025.
- **PEPCO Benning Road, District of Columbia.** This facility is scheduled for deactivation in 2012. All emissions were set to zero in the projection inventories.

- **2009 New Jersey Rule for NO<sub>x</sub> for Municipal Solid Waste Incinerators.** This rule will achieve a 27 percent reduction from one facility - Camden County Energy Recovery Associates, L.P. (ID 3400751614).
- **New Jersey Rule for VOC Storage Tanks.** New Jersey provided expected VOC emission reductions resulting from post-2007 rules for VOC storage tanks. For refinery floating roof storage tanks (SCC 4-03-011-xx), the reductions are 75 percent for 2013, 82 percent for 2017, and 85 percent for 2020. For bulk terminal tanks (SCC 4-04-001-xx), the reductions are 20 percent for 2013, 40 percent for 2017, and 50 percent for 2020. For pipeline breakout stations (SCCs 4-04-002-xx and 4-06-005-xx), the reductions are 26 percent for 2013, 52 percent for 2017, and 65 percent for 2020 and 2025.

### 3.4 2025 EGU INVENTORY DEVELOPMENT

An emission projection methodology for EGUs is being developed as part of an inter-RPO coordination effort under the direction of ERTAC. The computer code to implement the ERTAC methodology will not be available in time for use in state's re-designation requests or maintenance plans. An interim approach for projecting EGU emissions is discussed in the following paragraph.

Annual 2007 EGU point emissions were grown to 2025 based on electricity generation projections that are delineated by region and fuel. Growth factors are based on AEO2011 Table 96 - Electricity Generation by Electricity Market Module Region and Fuel Source (see Appendix F). The 2007 emissions were extracted for those units flagged as EGUs in the MANE-VU+VA 2007 inventory. The appropriate AEO2011 growth factor was applied to the 2007 emissions to calculate a "growth only" emission value for 2025. The following key assumptions were made:

- Growth beyond unit capacity or permit limits was not considered (e.g., fuel consumption was allowed to grow beyond a unit's physical capacity or permit limit);
- Generation from specific new units that are anticipated to operate in 2025 but did not in 2007 is not explicitly accounted for, but instead is assumed to be accounted for in the AEO2011 growth forecasts;
- Similarly, generation from specific units that have or are anticipated to shut down after 2007 is not explicitly accounted for, but instead are assumed to be accounted for in the AEO2011 growth forecasts.



- States indicated where post-2007 controls or shut downs were to be applied on a unit by unit basis. The control factors were applied to the grown emissions to calculate a “growth and control” emission value for 2025.

Details on the growth and control factors are provided in the following sections.

### 3.4.1 EGU Growth Factors

Table 96 of the AEO2011 provides electricity generation projections by electricity market module region and fuel source for the years 2007 to 2035 (EIA 2011b). AEO2011 disaggregates generation to 22 sub-regions for electricity planning and dispatch. This is a new approach started in AEO2011. Disaggregation of the Electricity Market Module (EMM) is intended to reduce errors that result from aggregation and averaging, to better represent environmental and regional issues, and thus to improve the projections of capacity additions and fuels consumed for generation. Exhibit 4.1 identifies the 22 sub-regions.



1. ERCT	ERCOT All	12. SRDA	SERC Delta
2. FRCC	FRCC All	13. SRGW	SERC Gateway
3. MROE	MRO East	14. SRSE	SERC Southeastern
4. MROW	MRO West	15. SRCE	SERC Central
5. NEW	NPCC New England	16. SRVC	SERC VACAR
6. NYCW	NPCC NYC/Westchester	17. SPNO	SPP North
7. NYLI	NPCC Long Island	18. SPSO	SPP South
8. NYUP	NPCC Upstate NY	19. AZNM	WECC Southwest
9. RFCE	RFC East	20. CAMX	WECC California
10. RFCM	RFC Michigan	21. NWPP	WECC Northwest
11. RFCW	RFC West	22. RMPA	WECC Rockies

**Exhibit 3.5 Electricity Market Module Regions**

The EIA provided a file that assigns each EGU to an EMM region. Units in the PM nonattainment counties included in this analysis reside in one of the following seven EMM regions:

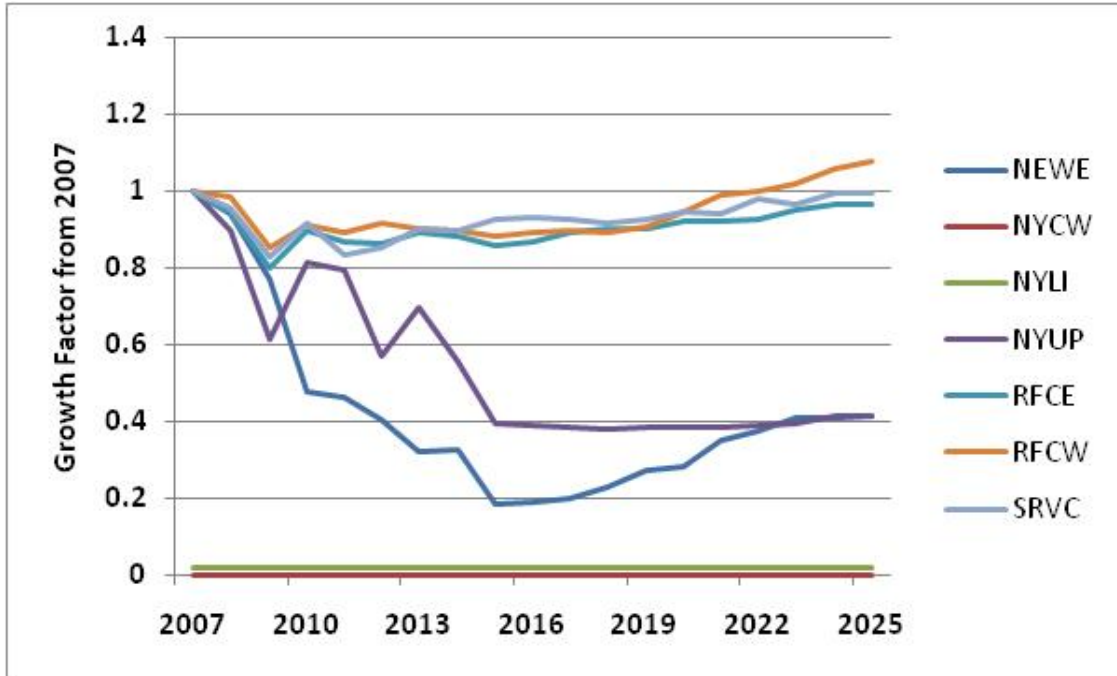
- Northeast Power Coordinating Council / Northeast (NEWE)
- Northeast Power Coordinating Council / NYC Westchester (NYCW)
- Northeast Power Coordinating Council / Long Island (NYLI)
- Northeast Power Coordinating Council / Upstate New York (NYUP)
- Reliability First Corporation / East (RFCE)
- Reliability First Corporation / West (RFCW)
- SERC Reliability Corporation / Virginia Carolina (SRVC)

Exhibit 3.6 shows the growth factors for electricity generation for coal. The AEO2011 shows zero generation from coal in the NYC Westchester and Long Island regions. Generation from coal is projected to decline significantly in the Northeast and Upstate New York regions. Generation from coal is expected to decline slightly in the RFC East, RFC West, and SERC Virginia-Carolina regions.

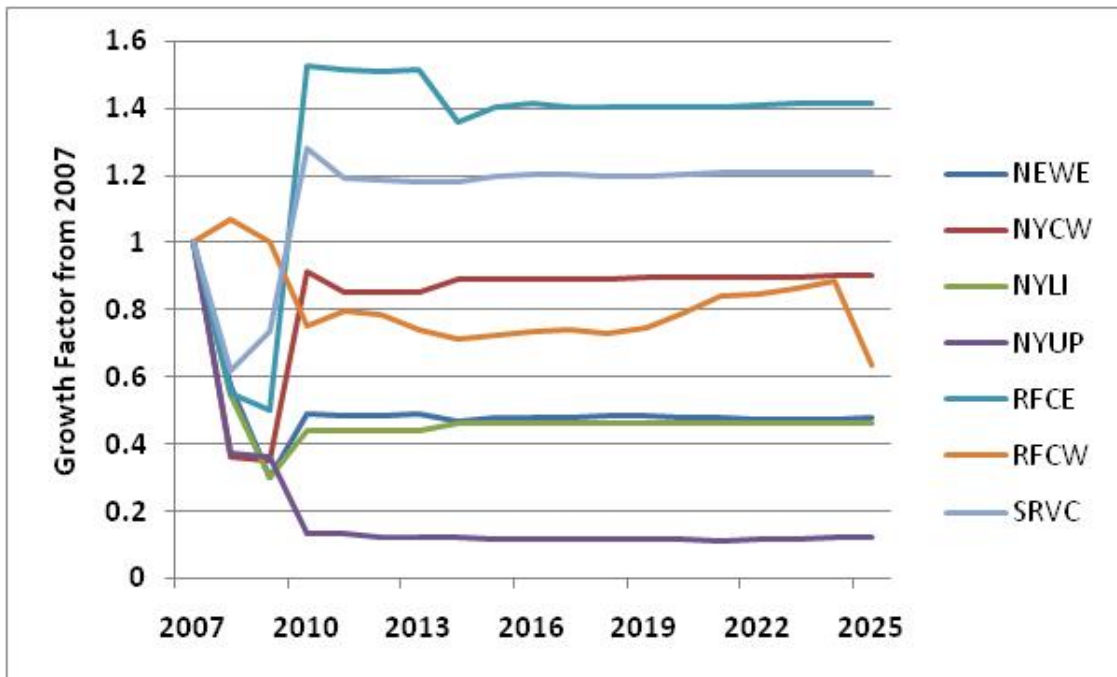
Exhibit 3.7 shows the growth factors for electricity generation for petroleum. The AEO2011 shows that the growth factors vary widely by EMM region. A positive growth rate (e.g., growth factor > 1) from 2007 to 2025 is projected for the RFC East and SERC Virginia-Carolina regions. In all other EMM regions in the study area, generation from petroleum is projected to decline (e.g., growth factor < 1).

Exhibit 3.8 shows the growth factors for electricity generation for natural gas. The AEO2011 shows that the growth factors vary widely by EMM region. A negative growth rate (e.g., growth factor < 1) from 2007 to 2025 is projected for the NYC Westchester and SERC Virginia-Carolina regions. In all other EMM regions in the study area, generation from natural gas is projected to increase (e.g., growth factor > 1).

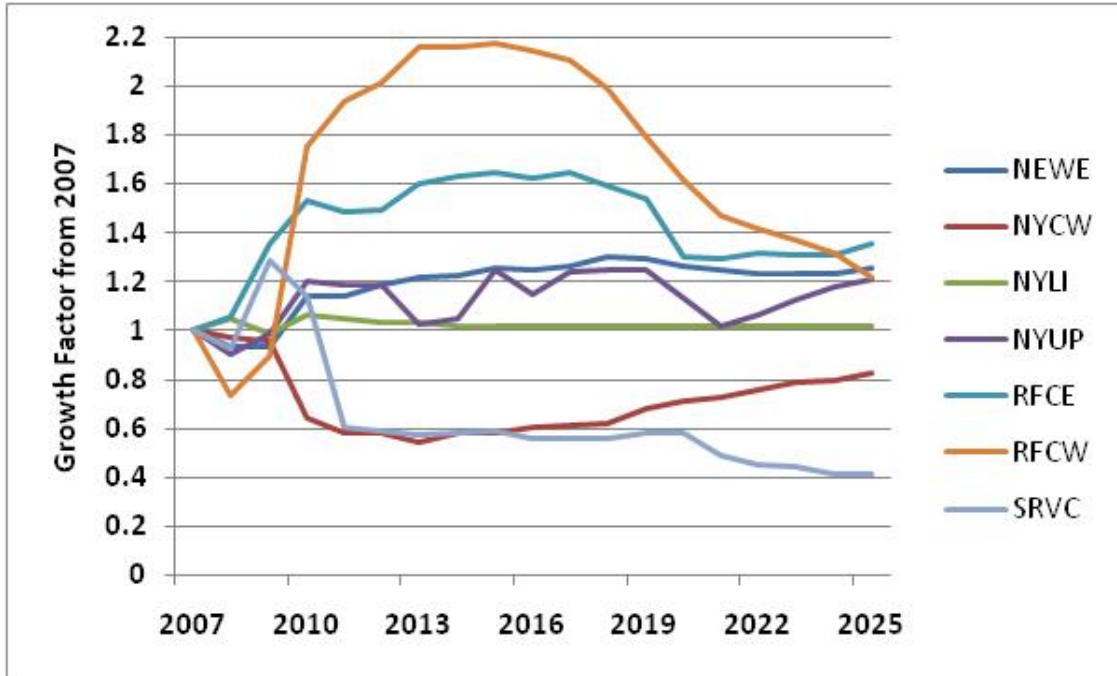
Exhibit 3.9 shows the growth factors for electricity generation for renewables. The AEO2011 shows that the growth factors vary widely by EMM region. A large increase in generation from renewables from 2007 to 2025 is projected for the RFC East, RFC West and SERC Virginia-Carolina regions. A more modest increase in renewable is projected for the Northeast and Upstate New York regions. A slight decline is projected for the NYC Westchester and Long Island regions.



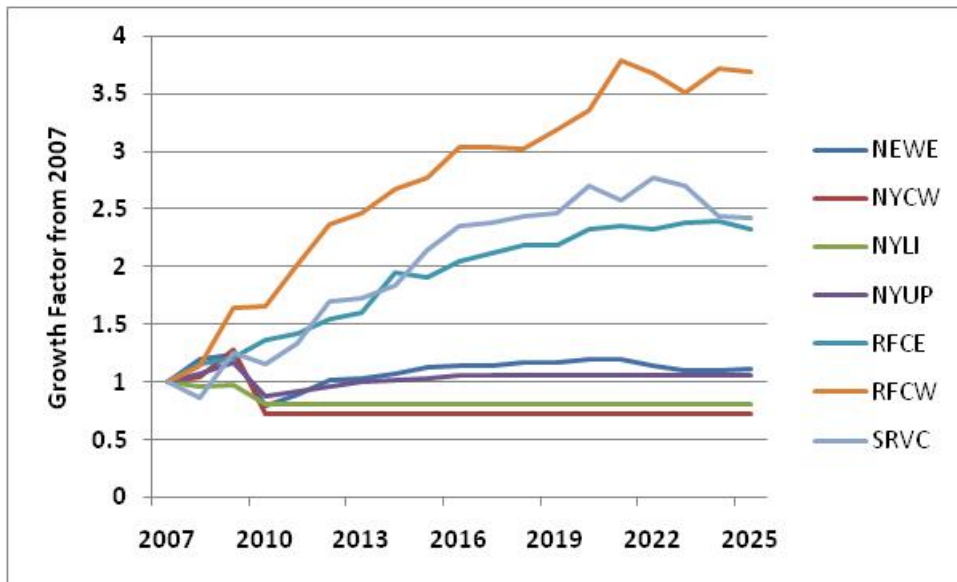
**Exhibit 3.6 Electricity Generation Growth Factors for Coal**



**Exhibit 3.7 Electricity Generation Growth Factors for Petroleum**



**Exhibit 3.8 Electricity Generation Growth Factors for Natural Gas**



**Exhibit 3.9 Electricity Generation Growth Factors for Renewables**

After reviewing the AEO growth factors, New York had doubts about the AEO projections. To be conservative, New York specified that a growth factor of 1.0 should be used for any unit where AEO growth was projected to be negative.

### 3.4.2 EGU Control Factors

States provided information on post-2007 controls or shut downs to be applied on a unit by unit basis for the 2025 inventory. This control information was provided in a format that is being used by the ERTAC EGU Projection Methodology (Appendix G UAF NEEDS Control FileMASTER92211.xls).

In addition to the ERTAC control file, the following comments were received:

- Delaware – The Edge Moor facility (ORIS=593) plans to switch from coal to natural gas/# 6 oil. However, the Title V permit is not yet approved. Delaware made the decision to assume the facility still is burning coal in 2025 for the purposes of this PM re-designation inventory. Delaware may change the EGU estimates at a future date when the SIP submittal is written.
- District of Columbia – The PEPCO Benning Road facility (ORIS=603) is scheduled to shut down permanently in 2012 and all future year emissions have been set to zero.
- Maryland – The Healthy Air Act sets unit-specific emission caps (tons/year) for SO<sub>2</sub> and NO<sub>x</sub>. Maryland provided unit specific control factors to ensure that the future year emissions were equal to the Healthy Air Act emission caps. Affected facilities include CP Crane, Herbert A Wagner, R. Paul Smith, Chalk Point, Dickerson, Morgantown, and Brandon Shores.
- New Jersey – Control factors for SO<sub>2</sub> and NO<sub>x</sub> for each unit were calculated based on the ratio of the future controlled emission rate (lbs/mmBtu) to the 2007 actual emission rate (lbs/mmBtu). Large reductions in SO<sub>2</sub> emissions are expected from the installation of control equipment at the Hudson and Mercer generating stations. NO<sub>x</sub> controls were also installed at the Hudson generating station in 2010.
- Pennsylvania – RRI's Portland Generating Station is under a USEPA Order to reduce SO<sub>2</sub> emissions. SO<sub>2</sub> emissions beyond 013 were reduced by 95 percent to address the ordered emission reductions. SO<sub>2</sub> controls were installed at RRI Keystone, PPL Brunner Island, and Allegheny Energy Hatfields Ferry in 2010. SO<sub>2</sub> controls at the Cheswick Station were installed in 2011. Units 1 and 2 at PPL Martins Creek, Units 1 and 2 at Exelon Cromby, and Units 1 and 2 at Exelon

Eddystone are or will be permanently shut down by 2013 and the emissions for all pollutants were set to zero for 2017/2020/2025. The future operation of Unit 1 at Exelon Schuylkill are projected to be about 250 hours, compared to 1,037 hours in 2007. Future emissions for this unit were reduced by 75 percent to reflect this lowered operating capacity.

- Virginia – Dry scrubbers at the Potomac River Generating Station were installed in 2008. In 2008, the facility received a federally enforceable facility-wide permit that placed limits on the facility's annual potential to emit of both NO<sub>x</sub> and SO<sub>2</sub>.

### **3.4.3 Consideration of CSAPR Emission Allowances**

On July 6, 2011, the USEPS finalized the Cross-State Air Pollution Rule (CSAPR) that requires 27 states to reduce power plant emissions that contribute to ozone and/or fine particle pollution in other states. This final rule replaces the 2005 Clean Air Interstate Rule (CAIR). Under the final rule, USEPA distributes a annual SO<sub>2</sub> and NO<sub>x</sub> emission allowances to covered units in each state, the sum of which equals the annual SO<sub>2</sub> and NO<sub>x</sub> budgets for those states (allowing for a two percent set-aside for new units).

USEPA provided allocations for each affected unit. States initially considered whether these unit-level allocations for SO<sub>2</sub> and NO<sub>x</sub> provided a more realistic estimate of future year emissions than the growth and control methodology described in Sections 4.3.1 and 4.3.2 of this report. However, the United States Court of Appeals for the District of Columbia issued an order staying CSAPR on December 31, 2011, pending the resolution of an appeal of the rule. Because of the uncertainty regarding implementation of CSAPR, states decided to use the growth and control methodology described in Sections 4.3.1 and 4.3.2 rather than the proposed CSAPR caps for SO<sub>2</sub> and NO<sub>x</sub>.

## **4.0 NONROAD MOBILE SOURCES INCLUDED IN NMIM**

### **4.1 NONROAD MODEL CATEGORIES**

USEPA's NONROAD model estimates emissions from equipment such as recreational marine vessels, recreational land-based vehicles, farm and construction machinery, lawn and garden equipment, aircraft ground support equipment (GSE) and rail maintenance equipment. This equipment is powered by diesel, gasoline, compressed natural gas (CNG) or liquefied petroleum gas (LPG) engines.

NMIM was developed by USEPA to develop county-level emission estimates for certain types of nonroad equipment. NMIM uses the current version the NONROAD model to develop emission estimates and was used to develop the projection inventories discussed here. The NMIM national county database contains monthly input data to reflect county specific fuel parameters and temperatures. Most of the work associated with executing NMIM involved updating the NMIM county database with state-specific information.

### **4.2 2007 INVENTORY DEVELOPMENT**

MARAMA used the NMIM model to develop county level emission estimates by SCC for 2007 (see {MARAMA 2011a} for complete documentation). For this analysis, the NMIM2008 software (version NMIM20090504), the NMIM County Database (version NCD20090531), and NONROAD2008a (July 2009 version) were used as starting points (USEPA 2009a). Changes were made to the NCD20090531 based on state review and comment.

A summary of the major adjustments to the default NMIM County Database for the 2007 NMIM model runs includes:

- State review and adjustments to fuel characteristics (Reid Vapor Pressure, sulfur and oxygenate fractions) to better represent county-specific fuel characteristics in 2007; and
- States identified discrepancies in the housing and population data contained in the NONROAD model and these data were updated using 2007 housing information and updated 2007 population estimates.
- The recreational marine vessel populations were revised using population data provided by the National Marine Manufacturers Association (NMMA). Total state populations for each of the three major categories contained in the NONROAD model (outboard, inboard/sterndrive and personal watercraft) were provided.

Because the population files used by the NONROAD model (and thus NMIM) were configured with population values for various horsepower categories, AMEC determined the fraction of the total for each marine vessel type in each horsepower category from the NONROAD default population files. These fractions were then used to allocate the total state population obtained from NMMA to the various horsepower categories.

### **4.3 2025 INVENTORY DEVELOPMENT**

MARAMA ran the NMIM model for 2025 for six jurisdictions (VA, CT, DE, DC, MD, PA). One state, New York, did their own NONROAD modeling and provided 2025 NMIM results for the affected counties.

### **4.4 REMOVAL OF AIRPORT GROUND SUPPORT EQUIPMENT**

The NMIM/NONROAD model includes emissions from airport ground support equipment. Emissions from airport ground support equipment is also included in USEPA's aircraft inventory that was prepared using the Federal Aviation Administration's Emissions and Dispersion Modeling System (EDMS). Correspondence with USEPA indicated that USEPA considers the emissions calculated by EDMS to be better than those calculated by NONROAD. For this reason, all emissions calculated by NMIM/NONROAD for airport ground support equipment were removed from both the 2007 and 2025 inventories to avoid double counting emissions.

### **4.5 NMIM/NONROAD GROWTH AND CONTROL INFORMATION**

In estimating future year emissions, the NMIM/NONROAD model includes growth and scrappage rates for equipment in addition to a variety of control programs. It is not possible to separate out the future year emissions due to "growth only" or "control only" in a single run. That is, the model run provides a single future year estimate that is a "growth and control" scenario.

The growth data used in the NMIM/NONROAD model is documented in a USEPA report (USEPA 2004c). The GROWTH packet of the NONROAD model cross-references each SCC to a growth indicator code. The indicator is an arbitrary code that identifies an actual predicted value such as human population or employment that is used to estimate the future year equipment population. The GROWTH packet also defines the scrappage curves used to estimate the future year model year distribution.

The NMIM/NONROAD model also accounts for all USEPA emission standards for nonroad equipment. There are multiple standards that vary by equipment type, rated



power, model year, and pollutant. Exhibit 4.1 is a summary of the emission control programs accounted for in the NMIM/NONROAD model. A complete summary of the nonroad equipment emission standards can be found on USEPA's nonroad emission standards reference guide website (USEPA 2011).

**Exhibit 4.1 Control Programs Included in the NMIM/NONROAD Model**

<b>Regulation</b>	<b>Description</b>
<p><i>Control of Air Pollution; Determination of Significance for Nonroad Sources and Emission Standards for New Nonroad Compression Ignition Engines At or Above 37 Kilowatts</i> 59 FR 31036 June 17, 1994</p>	<p>This rule establishes Tier 1 exhaust emission standards for HC, NO<sub>x</sub>, CO, and PM for nonroad compression-ignition (CI) engines ≥37kW (≥50hp). Marine engines are not included in this rule. The start dates and pollutants affected vary by hp category as follows: 50-100 hp: Tier 1, 1998; NO<sub>x</sub> only 100-175 hp: Tier 1, 1997; NO<sub>x</sub> only 175-750 hp: Tier 1, 1996; HC, CO, NO<sub>x</sub>, PM &gt;750 hp: Tier 1, 2000; HC, CO, NO<sub>x</sub>, PM</p>
<p><i>Emissions for New Nonroad Spark-Ignition Engines At or Below 19 Kilowatts; Final Rule</i> 60 FR 34581 July 3, 1995</p>	<p>This rule establishes Phase 1 exhaust emission standards for HC, N NO<sub>x</sub> Ox, and CO for nonroad spark-ignition engines ≤19kW (≤25hp). This rule includes both handheld (HH) and non-hand-held (NHH) engines. The Phase 1 standards become effective in 1997 for : Class I NHH engines (&lt;225cc), Class II NHH engines (≥225cc), Class III HH engines (&lt;20cc), and Class IV HH engines (≥20cc and &lt;50cc). The Phase 1 standards become effective in 1998 for: Class V HH engines (≥50cc)</p>
<p><i>Final Rule for New Gasoline Spark-Ignition Marine Engines; Exemptions for New Nonroad Compression-Ignition Engines at or Above 37 Kilowatts and New Nonroad Spark-Ignition Engines at or Below 19 Kilowatts</i> 61 FR 52088 October 4, 1996</p>	<p>This rule establishes exhaust emission standards for HC+NO<sub>x</sub> for personal watercraft and outboard (PWC/OB) marine SI engines. The standards are phased in from 1998-2006.</p>
<p><i>Control of Emissions of Air Pollution From Nonroad Diesel Engines</i> 63 FR 56967 October 23, 1998</p>	<p>This final rule sets Tier 1 standards for engines under 50 hp, phasing in from 1999 to 2000. It also phases in more stringent Tier 2 standards for all engine sizes from 2001 to 2006, and yet more stringent Tier 3 standards for engines rated over 50 hp from 2006 to 2008. The Tier 2 standards apply to NMHC+ NO<sub>x</sub>, CO, and PM, whereas the Tier 3 standards apply to NMHC+ NO<sub>x</sub> and CO. The start dates by hp category and tier are as follows:  hp&lt;25: Tier 1, 2000; Tier 2, 2005; no Tier 3 25-50 hp: Tier 1, 1999; Tier 2, 2004; no Tier 3 50-100 hp: Tier 2, 2004; Tier 3, 2008 100-175 hp: Tier 2, 2003; Tier 3, 2007 175-300 hp: Tier 2, 2003; Tier 3, 2006 300-600 hp: Tier 2, 2001, Tier 3, 2006 600-750 hp: Tier 2, 2002; Tier 3, 2006 &gt;750 hp: Tier 2, 2006, no Tier 3  This rule does not apply to marine diesel engines above 50 hp.</p>

Regulation	Description
<p><i>Phase 2: Emission Standards for New Nonroad Nonhandheld Spark Ignition Engines At or Below 19 Kilowatts</i> 64 FR 15207 March 30, 1999</p>	<p>This rule establishes Phase 2 exhaust emission standards for HC+ NO<sub>x</sub> for nonroad nonhandheld (NHH) spark-ignition engines ≤19kW (≤25hp). The Phase 2 standards for Class I NHH engines (&lt;225cc) become effective on August 1, 2007 (or August 1, 2003 for any engine initially produced on or after that date). The Phase 2 standards for Class II NHH engines (≥225cc) are phased in from 2001-2005.</p>
<p><i>Phase 2: Emission Standards for New Nonroad Spark-Ignition Handheld Engines At or Below 19 Kilowatts and Minor Amendments to Emission Requirements Applicable to Small Spark-Ignition Engines and Marine Spark-Ignition Engines; Final Rule</i> 65 FR 24268 April 25, 2000</p>	<p>This rule establishes Phase 2 exhaust emission standards for HC+ NO<sub>x</sub> for nonroad handheld (HH) spark-ignition engines ≤19kW (≤25hp). The Phase 2 standards are phased in from 2002-2005 for Class III and Class IV engines and are phased in from 2004-2007 for Class V engines.</p>
<p><i>Control of Emissions From Nonroad Large Spark-Ignition Engines and Recreational Engines (Marine and Land-Based); Final Rule</i> 67 FR 68241 November 8, 2002</p>	<p>This rule establishes exhaust and evaporative standards for several nonroad categories:</p> <ol style="list-style-type: none"> <li>1) Two tiers of emission standards are established for large spark-ignition engines over 19 kW. Tier 1 includes exhaust standards for HC+ NO<sub>x</sub> and CO and is phased in from 2004-2006. Tier 2 becomes effective in 2007 and includes exhaust standards for HC+ NO<sub>x</sub> and CO, as along with evaporative controls affecting fuel line permeation, diurnal emissions and running loss emissions.</li> <li>2) Exhaust and evaporative emission standards are established for recreational vehicles, which include snowmobiles, off-highway motorcycles, and all-terrain vehicles (ATVs). For snowmobiles, HC and CO exhaust standards are phased-in from 2006-2012. For off-highway motorcycles, HC+ NO<sub>x</sub> and CO exhaust emission standards are phased in from 2006-2007. For ATVs, HC+NO<sub>x</sub> and CO exhaust emission standards are phased in from 2006-2007. Evaporative emission standards for fuel tank and hose permeation apply to all recreational vehicles beginning in 2008.</li> <li>3) Exhaust emission standards for HC+ NO<sub>x</sub>, CO, and PM for recreational marine diesel engines over 50 hp begin in 2006-2009, depending on the engine displacement. These are “Tier 2” equivalent standards.</li> </ol>
<p><i>Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel; Final Rule (Clean Air Nonroad Diesel Rule – Tier 4)</i> 69 FR 38958 June 29, 2004</p>	<p>This final rule sets Tier 4 exhaust standards for CI engines covering all hp categories (except marine and locomotives), and also regulates nonroad diesel fuel sulfur content.</p> <ol style="list-style-type: none"> <li>1) The Tier 4 start dates and pollutants affected vary by hp and tier as follows:  <ul style="list-style-type: none"> <li>hp&lt;25: 2008, PM only</li> <li>25-50 hp: Tier 4 transitional, 2008, PM only;</li> <li>Tier 4 final, 2013, NMHC+ NO<sub>x</sub> and PM</li> </ul> </li> </ol>

Regulation	Description
	<p>50-75 hp: Tier 4 transitional, 2008; PM only; Tier 4 final, 2013, NMHC+ NO<sub>x</sub> and PM</p> <p>75-175 hp: Tier 4 transitional, 2012, HC, NO<sub>x</sub>, and PM; Tier 4 final, 2014, HC, NO<sub>x</sub>,PM</p> <p>175-750 hp: Tier 4 transitional, 2011, HC, NO<sub>x</sub>, and PM; Tier 4 final, 2014, HC, NO<sub>x</sub>,PM</p> <p>&gt;750 hp: Tier 4 transitional, 2011, HC, NO<sub>x</sub>, and PM; Tier 4 final, 2015, HC, NO<sub>x</sub>,PM</p> <p>2) This rule will reduce nonroad diesel fuel sulfur levels in two steps. First, starting in 2007, fuel sulfur levels in nonroad diesel fuel will be limited to a maximum of 500 ppm, the same as for current highway diesel fuel. Second, starting in 2010, fuel sulfur levels in most nonroad diesel fuel will be reduced to 15 ppm.</p>
<p><i>Control of Emissions From Nonroad Spark-Ignition Engines and Equipment; Final Rule (Bond Rule)</i> 73 FR 59034 October 8, 2008</p>	<p>This rule establishes exhaust and evaporative standards for small SI engines and marine SI engines:</p> <p>1) Phase 3 HC+ NO<sub>x</sub> exhaust emission standards are established for Class I NHH engines starting in 2012 and for Class II NHH engines starting in 2011. There are no new exhaust emission standards for handheld engines. New evaporative standards are adopted for both handheld and nonhandheld equipment. The new evaporative standards control fuel tank permeation, fuel hose permeation, and diffusion losses. The evaporative standards begin in 2012 for Class I NHH engines and 2011 for Class II NHH engines. For handheld engines, the evaporative standards are phased-in from 2012-2016.</p> <p>2) More stringent HC+ NO<sub>x</sub> and CO standards are established for marine SI PWC/OB engines beginning in 2010. In addition, new exhaust HC+ NO<sub>x</sub> and CO standards are established for sterndrive and inboard (SD/I) marine SI engines also beginning in 2010. High performance SD/I engines are subject to separate HC+ NO<sub>x</sub> and CO exhaust standards that are phased-in from 2010-2011. New evaporative standards were also adopted for all marine SI engines that control fuel hose permeation, diurnal emissions, and fuel tank permeation emissions. The hose permeation, diurnal, and tank permeation standards take effect in 2009, 2010, and 2011, respectively.</p>

Source: USEPA 2010c

## 5.0 MARINE VESSELS, AIRPORTS, AND RAILROADS

### 5.1 MAR INVENTORY CATEGORIES

This category of sources is collectively referred to as the MAR (marine, airports, railroads) sector. It includes nonroad engines associated with the following activities:

- **Marine Vessels** - The Commercial Marine Vehicle (CMV) sector includes all boats and ships used either directly or indirectly in the conduct of commerce or military activity. The majority of these vessels are powered by diesel engines that are either fueled with distillate or residual fuel oil blends. For the purpose of this inventory it is assumed that Category 3 vessels primarily use residual blends, while Category 1 and 2 vessels typically used distillate fuels.
- **Airports** - The aircraft sector includes all aircraft types used for public, private, and military purposes. This includes four types of aircraft 1) Commercial; 2) Air Taxis; 3) General Aviation; and 4) Military. Ground support equipment (GSE) and auxiliary power units (APU) are also included.
- **Railroads** - The railroad sector includes railroad locomotives powered by diesel-electric engines. Locomotives are divided into Class I line haul, Class II/III line haul, commuter/passenger and Class I yard.

### 5.2 2007 INVENTORY DEVELOPMENT

The emission projections for the 2025 point source were based on Version 3\_3 of the 2007 MANE-VU+VA inventory and are fully documented in the TSD for that effort (MARAMA 2012a). There were no adjustment to the 2007 Version 3\_3 MAR inventory for this analysis.

### 5.3 2025 INVENTORY DEVELOPMENT

Appendix H contains the data that were used to develop growth and control factors for the commercial marine vessel, airport, and railroad sectors.

#### 5.3.1 Commercial Marine Vessels

For the purpose of emission calculations, marine vessel engines are divided into three categories based on displacement (swept volume) per cylinder. Category 1 and Category 2 marine diesel engines typically range in size from about 500 to 8,000 kW (700 to 11,000 hp). These engines are used to provide propulsion power on many kinds of vessels including tugboats, pushboats, supply vessels, fishing vessels, and other commercial

vessels in and around ports. They are also used as stand-alone generators for auxiliary electrical power on vessels. Category 3 marine diesel engines typically range in size from 2,500 to 70,000 kW (3,000 to 100,000 hp). These are very large marine diesel engines used for propulsion power on ocean-going vessels such as container ships, oil tankers, bulk carriers, and cruise ships.

The majority of marine vessels are powered by diesel engines that are either fueled with distillate or residual fuel oil blends. For the purpose of emission inventories, USEPA has assumed that Category 3 vessels primarily use residual blends, while Category 1 and 2 vessels typically use distillate fuels.

USEPA developed national emission inventories for Category 1 and 2 vessels and Category 3 vessels for calendar years 2002 through 2040 as part of its effort to develop emission standards for these vessels. The methodologies used to develop the emission projections (for both a baseline and controlled scenario) are documented in three regulatory impact assessments (USEPA 2008b, USEPA 2009c, USEPA 2009d). The USEPA data and methodologies from these RIAs were used to develop separate growth and control factors for Category 1 and 2 vessels (diesel) and Category 3 vessels (residual).

#### **5.3.1.1 CMV Diesel Growth Factors**

For Category 1 and 2 diesel vessels, USEPA used projection data for domestic shipping from the AEO2006 (EIA 2006). The annual growth rate reported in the RIA is 0.9%. More recent growth data for domestic shipping is available in the AEO2010 (EIA 2010). Because Category 1 and 2 vessels primarily account for activity data for ships that carry domestic cargo, we decided to use the recent growth data for domestic shipping available in the AEO2010. We used Table A-7 of the AEO2010 for domestic shipping to calculate the growth factor for 2007-2025 to be 1.064. This growth factor was used for CMV diesel port emissions (SCC 22-80-002-100) and CMV diesel underway emissions (SCC 22-80-002-200).

#### **5.3.1.2 CMV Diesel Control Factors**

In developing their emission projections, USEPA developed two scenarios that accounted for both the 2004 nonroad diesel rule and the 2008 diesel marine vessel rule:

- USEPA's baseline (pre-control) inventory accounted for:
  1. the 0.9 percent annual growth in fuel use based on AEO2006,
  2. the impact of existing engine regulations that took effect in 2008,
  3. the 2004 Clean Air Nonroad Diesel Rule that will decrease the allowable levels of sulfur in fuel beginning in 2012, and
  4. fleet turnover.

- USEPA’s controlled inventory accounted for:
  1. the 0.9 percent annual growth in fuel use based on AEO2006;
  2. the reductions included in the baseline inventory, and the reductions from USEPA’s 2008 rule Final Locomotive-Marine rule for Tier 3 and 4 engines;
  3. The 2008 final rule that includes the first-ever national emission standards for existing marine diesel engines, applying to engines larger than 600kW when they are remanufactured. The rule also sets Tier 3 emissions standards for newly-built engines that are phasing in from 2009. Finally, the rule establishes Tier 4 standards for newly-built commercial marine diesel engines above 600kW, phasing in beginning in 2014.

To calculate a control factor that accounts for reductions included in the USEPA controlled inventory, it was necessary to first calculate a “growth only” scenario applying USEPA’s 0.9 percent annual growth rate to the 2007 base emissions. Once the growth rate was applied, then a control factor for each pollutant was calculated by dividing the future year controlled emissions by the future year “growth only” emissions. Exhibit 5.1 shows the control factors for 2013, 2017, 2020, and 2025 for diesel commercial marine vessels.

#### **Exhibit 5.1 CMV Diesel Control Factors by Year and Pollutant**

<b>Year</b>	<b>NOx</b>	<b>PM2.5</b>	<b>SO2</b>
2013	0.787	0.747	0.464
2017	0.642	0.550	0.076
2020	0.537	0.460	0.032
2025	0.401	0.353	0.031

#### **5.3.1.3 CMV Residual Oil Growth Factors**

For Category 3 residual oil vessels, data from a USEPA-sponsored study was used to develop an annualized growth factor of 4.5 percent for the region. A few states considered the growth rate to be extremely high and not reflective of recent economic conditions. Because USEPA’s Category 3 vessel inventory is primarily based on activity data for ships that carry foreign cargo, we decided to use the recent growth data for international shipping available in the AEO2010. We used data from Table A-7 of the AEO2010 for international shipping to calculate the growth factor for 2007-2025 to be 0.956. These growth factors were used for CMV residual oil port emissions (SCC 22-80-003-100) and CMV residual oil underway emissions (SCC 22-80-003-200).

#### 5.3.1.4 CMV Residual Oil Control Factors

On December 22, 2009, USEPA announced final emission standards under the Clean Air Act for new marine diesel engines with per-cylinder displacement at or above 30 liters (called Category 3 marine diesel engines) installed on U.S.-flagged vessels. The final engine standards are equivalent to those adopted in the amendments to Annex VI to the International Convention for the Prevention of Pollution from Ships (a treaty called "MARPOL"). The emission standards apply in two stages: near-term standards for newly-built engines will apply beginning in 2011, and long-term standards requiring an 80 percent reduction in NO<sub>x</sub> will begin in 2016. USEPA also adopted changes to the diesel fuel program to allow for the production and sale of diesel fuel with no more than 1,000 ppm sulfur for use in Category 3 marine vessels. The regulations generally forbid production and sale of fuels with more than 1,000 ppm sulfur for use in most U.S. waters, unless operators achieve equivalent emission reductions in other ways.

On March 26, 2010, the International Maritime Organization (IMO) officially designated waters off North American coasts as an emissions control area (ECA) in which stringent international emission standards will apply to ships. In practice, implementation of the ECA means that ships entering the designated area would need to use compliant fuel for the duration of their voyage that is within that area, including time in port and voyages whose routes pass through the area without calling on a port. The North American ECA includes waters adjacent the Atlantic extending up to 200 nautical miles from east coast of the US. The quality of fuel that complies with the ECA standard will change over time. From the effective date in 2012 until 2015, fuel used by vessels operating in designated areas cannot exceed 1.0 percent sulfur (10,000 ppm). Beginning in 2015, fuel used by vessels operating in these areas cannot exceed 0.1 percent sulfur (1000 ppm). Beginning in 2016, NO<sub>x</sub> after treatment requirements become applicable.

To calculate a control factor that accounted for reductions included in the USEPA controlled inventory, it was necessary to first calculate a "growth only" scenario applying USEPA's 4.5 percent annual growth rate to the 2007 base emissions. Once the growth rate was applied, then a control factor for each pollutant was calculated by dividing the future year controlled emissions by the future year "growth only" emissions.

Exhibit 5.2 shows the control factors for 2013, 2017, and 2020 for residual oil commercial marine vessels.



### Exhibit 5.2 CMV Residual Oil Control Factors by Year and Pollutant

Year	NOx	PM2.5	SO2
2013	0.736	0.353	0.270
2017	0.654	0.216	0.120
2020	0.597	0.137	0.036
2025	0.480	0.137	0.036

#### 5.3.1.5 Military Vessels Growth and Control Factors

Virginia reported emissions for military vessels, but did not distinguish between diesel or residual fuels. An assumption of “no growth” for military vessel activity and emissions in Virginia was made so that emissions remain at 2007 levels in 2025. Virginia was the only state to report emission from military vessels.

#### 5.3.1.6 State-specific CMV Updates for 2025

New Jersey provided updated CMV emission estimates for 2007, 2013, 2017, 2020, and 2025, and growth and control factors for 2013, 2017, 2020, and 2025. These data were used to replace the emission estimates previously used for the 2007 MANE-VU+VA base year inventory and the MANE-VU+VA future year inventories.

### 5.3.2 Airports

Aircraft emissions in the 2007 MANE-VU+VA inventory are available on either a county-by-county or airport-by-airport basis for six types of aircraft operations:

- Air carrier operations represent landings and take-offs (LTOs) of commercial aircraft with seating capacity of more than 60 seats;
- Commuter/air taxi operations are one category. Commuter operations include LTOs by aircraft with 60 or fewer seats that transport regional passengers on scheduled commercial flights. Air taxi operations include LTOs by aircraft with 60 or fewer seats conducted on non-scheduled or for-hire flights;
- General aviation represents all civil aviation LTOs not classified as commercial;
- Military operations represent LTOs by military aircraft;
- Ground Support Equipment (GSE) typically includes aircraft refueling and baggage handling vehicles and equipment, aircraft towing vehicles, and passenger buses;
- Auxiliary power units (APUs) provide power to start the main engines and run the heating, cooling, and ventilation systems prior to starting the main engines.

### 5.3.2.1 Airport Growth Factors

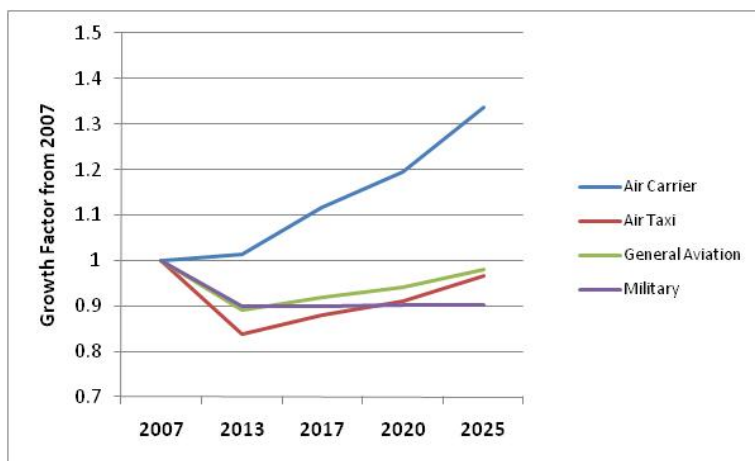
Aircraft operations were projected to future years by applying activity growth using data on itinerant (ITN) operations at airports as reported in the Federal Aviation Administration's (FAA) Terminal Area Forecast (TAF) System for 2009-2030 (FAA 2010). The ITN operations are defined as aircraft take-offs or landings. This information is available for approximately 3300 individual airports. Actual LTOs are reported for 2007 and projected LTOs are provided for all years up to 2030.

The data was aggregated and applied at the county level for the four operation types: commercial, general, air taxi, military. A growth factor was computed for each operation type by dividing future-year ITN by 2007-year ITN. Inventory SCCs were assigned factors based on the operation type, as shown in Exhibit 5.3.

**Exhibit 5.3 Crosswalk between SCC and FAA Operations Type**

SCC	SCC Description	FAA Operation Type Used for Growth Factor
2265008005	Airport Ground Support Equipment, 4-Stroke Gas	Total Itinerant Operations
2267008005	Airport Ground Support Equipment, LPG	Total Itinerant Operations
2268008005	Airport Ground Support Equipment, CNG	Total Itinerant Operations
2270008000	Airport Ground Support Equipment, Diesel	Total Itinerant Operations
2270008005	Airport Ground Support Equipment, Diesel	Total Itinerant Operations
2275001000	Aircraft /Military Aircraft /Total	Itinerant Military Operations
2275020000	Aircraft /Commercial Aircraft /Total: All Types	Itinerant Air Carrier Operations
2275050000	Aircraft /General Aviation /Total	Itinerant General Aviation Operations
2275050011	Aircraft /General Aviation /Piston	Itinerant General Aviation Operations
2275050012	Aircraft /General Aviation /Turbine	Itinerant General Aviation Operations
2275060000	Aircraft /Air Taxi /Total	Itinerant Air Taxi Operations
2275060011	Aircraft /Air Taxi /Piston	Itinerant Air Taxi Operations
2275060012	Aircraft /Air Taxi /Turbine	Itinerant Air Taxi Operations
2275070000	Aircraft /Aircraft Auxiliary Power Units /Total	Total Itinerant Operations

Exhibit 5.4 summarizes the region-wide growth factors by FAA operation type. The growth factor for individual airports/counties may deviate substantially from these region-wide growth factors.



**Exhibit 5.4 Region-wide Growth Factors from 2007 by FAA Operations Type**

### 5.3.2.2 Aircraft Control Factors

The NO<sub>x</sub> aircraft engine emissions standards adopted by USEPA in November 2005 (USEPA 2005) were reviewed. The standards are equivalent to the NO<sub>x</sub> emission standards (adopted in 1999 for implementation beginning in 2004) of the United Nations International Civil Aviation Organization (ICAO), and will bring the US aircraft standards into alignment with the international standards. The standards apply to new aircraft engines used on commercial aircraft including small regional jets, single-aisle and twin-aisle aircraft, and 747s and larger aircraft. The standards also apply to general aviation and military aircraft, which sometimes use commercial engines. For example, small regional jet engines are used in executive general aviation aircraft, and larger commercial aircraft engines may be used in military transport aircraft.

Nearly all previously certified or in-production engine models currently meet or perform better than the standards USEPA adopted in the November 2005 rule. In addition, manufacturers have already been developing improved technology in response to the ICAO standards. According to USEPA's recent analysis for the proposed transport rule (USEPA 2010b), this rule is expected to reduce NO<sub>x</sub> emissions by approximately 2 percent in 2015 and 3 percent in 2020. Because of the relatively small amount of NO<sub>x</sub> reductions, our aircraft emission projections do not account for this control program.

USEPA has also issued an Advance Notice of Proposed Rulemaking (ANPR) on lead emissions from piston-engine aircraft using leaded aviation gasoline (USEPA 2010c). However, this rule has not yet been adopted and co-benefits for criteria air pollutants are likely to be small. Therefore, the effects of this rule were not included in the future-year emissions projections.

### 5.3.2.3 State-specific Airport Updates for 2025

After reviewing the growth factors described in the previous section, Connecticut provided state-specific growth factors for 2025 by SCC and county. These state-specific factors were used instead of the factors described in the previous section.

New Jersey provided updated aircraft growth factors and emission estimates for 2007, 2013, 2017, 2020, and 2025. These data were used to replace the emission estimates previously used for the 2007 MANE-VU+VA base year inventory and the MANE-VU+VA future year inventories.

### 5.3.3 Railroad Locomotives

Railroad locomotive engine emissions in the 2007 MARAMA inventory are classified into the following categories:

- Class I line haul locomotives are operated by large freight railroad companies and are used to power freight train operations over long distances (SCC 22-85-002-006);
- Class II/III line haul locomotives are operated by smaller freight railroad companies and are used to power freight train operations over long distances (SCC 22-85-002-007);
- Inter-city passenger train locomotives are operated primarily by Amtrak to provide inter-city passenger transport (SCC 22-85-002-008);
- Independent commuter rail systems operate locomotives that provide passenger transport within a metropolitan area (SCC 22-85-002-009); and
- Yard/switch locomotives are used in freight yards to assemble and disassemble trains, or for short hauls of trains that are made up of only a few cars (SCC 22-85-002-010).

#### 5.3.3.1 Railroad Growth Factors

In March 2008, USEPA finalized a three part program that will dramatically reduce emissions from diesel locomotives of all types -- line-haul, switch, and passenger rail. As part of this work USEPA developed a national emission inventory for calendar years 2002 through 2040. Emission projections methodologies for a baseline and controlled scenario were developed and documented (USEPA 2008b). USEPA used projection data from the AEO2006 (EIA 2006). Table A-7 of AEO2006 showed that freight rail energy use will grow 1.6 percent annually.

More recent growth data is available in the AEO2010 which was published in May 2010. There are separate projections for passenger rail and freight rail energy use. For the MANE VU+VA inventory the more recent AEO2010 growth projections were used.

Passenger rail data from AEO2010 Table A-7 was used to calculate the growth factor for 2007-2025 to be 1.241. These growth factors were applied to inter-city passenger train locomotives (SCC 22-85-002-008) and independent commuter rail systems (SCC 22-85-002-009).

For freight rail, the data from AEO2010 Table A-7 was used to calculate the growth factor for 2007-2025 to be 1.098. The freight rail annual growth factors for Class I line haul (SCC 22-85-002-006), Class II/III line haul (SCC 22-85-002-007), and yard switch (SCC 22-85-002-010) locomotives were used.

### 5.3.3.2 Railroad Control Factors

USEPA developed two scenarios that accounted for both the 2004 nonroad diesel rule and the 2008 diesel locomotive rule:

- USEPA's baseline (pre-control) inventory accounted for
  1. AEO2006 annual growth in fuel use,
  2. The impact of existing regulations for Tier 0, 1, and 2 locomotive engines that take effect in 2008,
  3. The 2004 Clean Air Nonroad Diesel Rule that will decrease allowable levels of sulfur in locomotives fuel beginning in 2012, and
  4. Fleet turnover.
- USEPA's controlled inventory accounted for
  1. AEO2006 annual growth in fuel use,
  2. Reductions included in the baseline inventory, and
  3. Reductions from USEPA's 2008 rule Final Locomotive-Marine rule for Tier 3 and 4 engines. This rule lowered diesel sulfur content and tightened emission standards for existing and new locomotives.
  4. Voluntary retrofits under the National Clean Diesel Campaign are not included in our projections.

To calculate a factor that accounted for reductions included in the USEPA controlled inventory, it was necessary to first calculate a "growth only" scenario applying USEPA's 1.6% annual growth rate to the 2006 base emissions. Once the growth rate was applied, then a control factor for each pollutant was calculated by dividing the future year controlled emissions by the future year "growth only" emissions.

Exhibit 5.5 shows the control factors for 2013, 2017, 2020, and 2025 for the five locomotive classifications and pollutants.

### 5.3.3.3 State-specific Railroad Updates for 2025

New Jersey provided updated railroad growth factors, control factors, and emission estimates for 2007, 2013, 2017, 2020, and 2025. These data were used to replace the emission estimates previously used for the 2007 MANE-VU+VA base year inventory and the MANE-VU+VA future year inventories.

**Exhibit 5.5 Rail Control Factors by Year, Pollutant, and SCC**

Year	NOx	PM2.5	SO2
<b>SCC 22-85-002-006 Line Haul Class I Operations</b>			
2013	0.771	0.595	0.003
2017	0.633	0.449	0.003
2020	0.547	0.364	0.003
2025	0.412	0.252	0.003
<b>SCC 22-85-002-007 Line Haul Class II / III Operations</b>			
2013	1.000	0.829	0.003
2017	0.960	0.791	0.003
2020	0.920	0.752	0.003
2025	0.852	0.688	0.003
<b>SCC 22-85-002-008 Inter-City Passenger</b>			
2013	0.571	0.566	0.003
2017	0.421	0.402	0.003
2020	0.340	0.294	0.003
2025	0.241	0.180	0.003
<b>SCC 22-85-002-009 Commuter Rail</b>			
2013	0.571	0.566	0.003
2017	0.421	0.402	0.003
2020	0.340	0.294	0.003
2025	0.241	0.180	0.003
<b>SCC 22-85-002-010 Yard / Switch</b>			
2013	0.912	0.777	0.003
2017	0.843	0.712	0.003
2020	0.771	0.650	0.003
2025	0.634	0.534	0.003



## 7.0 EMISSION SUMMARIES

Exhibits 7.1 to 7.12 summarize PM<sub>2.5</sub> and PM precursor emissions by PM nonattainment area and source sector for 2007 and 2025. Some general observations by pollutant include:

- PM<sub>2.5</sub> emissions are projection to decrease between 2007 and 2025 in all PM nonattainment areas. The reductions are due to the turnover to cleaner onroad vehicles, nonroad engines, and residential wood combustion equipment. The PM<sub>2.5</sub> emissions shown account for the application of the PM transport factor (see discussion in Section 2.2.1.1 of this TSD).
- NO<sub>x</sub> emissions decline in all PM nonattainment areas between 2007 and 2025 and by more than 50 percent in a few areas. Most of the decline results from the turnover of the onroad vehicle fleet to vehicles with improved emission controls and fuel efficiency. Reductions in nonroad sources are also substantial. Three areas (Baltimore, NY/NJ/CT, and Washington DC/MD/VA) also show substantial reductions due to controls on EGUs.
- SO<sub>2</sub> emissions decrease in all PM nonattainment areas. All areas are showing reductions due to the lower sulfur contents of fuels used by onroad vehicles and nonroad equipment. Additional reductions in areas located in Maryland, New Jersey, and New York are due to the lower sulfur content regulations in those state for home heating, distillate oil, and residual oil. Connecticut, Delaware, the District of Columbia, Pennsylvania, and Virginia did not take credit for any reductions for low sulfur fuel oils since they have not adopted the MANE-VU recommendations into their regulations (see discussion in Section 2.3.2.5 of the TSD). Especially large reductions are found in areas where controls are projected to be in place on EGUs (Allentown, Baltimore, Harrisburg, Metro New York, Philadelphia, Pittsburgh, Washington DC/MD/VA, and York, PA).

County-by-county emissions for 2007 and 2025 are available on the MARAMA ftp site.



**Exhibit 7.1 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Allentown, PA**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) from 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	1,987	1,936	-51	-2.6%
Nonroad MAR	516	277	-239	-46.3%
Nonroad NMIM	2,661	1,007	-1,654	-62.1%
██████████	██████████	██████████	██████████	██████████
Point EGU	7,763	5,837	-1,927	-24.8%
Point nonEGU	5,900	2,114	-3,786	-64.2%
	<b>34,480</b>	<b>15,362</b>	<b>-19,117</b>	<b>-55.4%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	2,150	1,958	-192	-8.9%
Nonroad MAR	26	15	-11	-42.3%
Nonroad NMIM	229	113	-117	-51.0%
██████████	██████████	██████████	██████████	██████████
Point EGU	2,264	2,138	-125	-5.5%
Point nonEGU	1,301	1,227	-75	-5.7%
	<b>6,498</b>	<b>5,640</b>	<b>-858</b>	<b>-13.2%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	2,552	1,118	-1,434	-56.2%
Nonroad MAR	12	4	-8	-70.4%
Nonroad NMIM	147	4	-143	-97.3%
██████████	██████████	██████████	██████████	██████████
Point EGU	48,203	3,962	-44,241	-91.8%
Point nonEGU	5,868	5,875	7	0.1%
	<b>56,900</b>	<b>11,005</b>	<b>-45,895</b>	<b>-80.7%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

**Exhibit 7.2 Comparison of 2007 and 2025 PM2.5 and PM Precursor Emissions  
Nonattainment Area: Baltimore, MD**

SECTOR	Annual (tons) 2007	Annual (tons) 2025	Change (tpy) from 2007 to 2025	Change (%) From 2007 to 2025
<b>Oxides of Nitrogen (NOx)</b>				
Area	4,732	5,167	435	9.2%
Nonroad MAR	16,703	8,521	-8,182	-49.0%
Nonroad NMIM	10,466	4,265	-6,201	-59.2%
██████████	██████████	██████████	██████████	██████████
Point EGU	23,572	8,939	-14,634	-62.1%
Point nonEGU	11,981	13,362	1,380	11.5%
	<b>111,394</b>	<b>56,154</b>	<b>-55,240</b>	<b>-49.6%</b>
<b>Direct PM2.5</b>				
Area	5,004	5,197	193	3.9%
Nonroad MAR	572	201	-371	-64.8%
Nonroad NMIM	969	519	-450	-46.4%
██████████	██████████	██████████	██████████	██████████
Point EGU	6,677	7,134	456	6.8%
Point nonEGU	2,296	2,366	71	3.1%
	<b>17,022</b>	<b>16,166</b>	<b>-855</b>	<b>-5.0%</b>
<b>Sulfur Dioxide (SO2)</b>				
Area	2,316	315	-2,001	-86.4%
Nonroad MAR	1,803	268	-1,535	-85.1%
Nonroad NMIM	581	15	-566	-97.4%
██████████	██████████	██████████	██████████	██████████
Point EGU	93,665	18,922	-74,744	-79.8%
Point nonEGU	4,759	4,867	108	2.3%
	<b>103,499</b>	<b>24,766</b>	<b>-78,733</b>	<b>-76.1%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

**Exhibit 7.3 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Hagerstown Martinsburg, MD-WV**

SECTOR	Annual (tons) 2007	Annual (tons) 2025	Change (tpy) from 2007 to 2025	Change (%) from 2007 to 2025
<b>Oxides of Nitrogen (NOx)</b>				
Area	296	339	43	14.5%
Nonroad MAR	289	144	-145	-50.2%
Nonroad NMIM	793	301	-492	-62.0%
██████████	██████████	██████████	██████████	██████████
Point EGU	1,398	1,390	-8	-0.6%
Point nonEGU	1,982	1,518	-465	-23.4%
	<b>9,883</b>	<b>5,657</b>	<b>-4,225</b>	<b>-42.8%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	501	538	37	7.3%
Nonroad MAR	10	3	-7	-68.6%
Nonroad NMIM	74	33	-41	-55.6%
██████████	██████████	██████████	██████████	██████████
Point EGU	310	299	-11	-3.5%
Point nonEGU	188	188	0	0.1%
	<b>1,269</b>	<b>1,131</b>	<b>-138</b>	<b>-10.9%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	274	83	-191	-69.7%
Nonroad MAR	5	2	-4	-69.4%
Nonroad NMIM	45	1	-44	-97.6%
██████████	██████████	██████████	██████████	██████████
Point EGU	5,536	4,590	-946	-17.1%
Point nonEGU	1,277	1,271	-6	-0.5%
	<b>7,182</b>	<b>5,993</b>	<b>-1,189</b>	<b>-16.5%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

Note: only includes emissions for Washington County, MD; emissions for West Virginia portion of the nonattainment area will be provided by Maryland in their SIP submittal.

**Exhibit 7.4 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Harrisburg-Lebanon-Carlisle-York, PA**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) From 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	3,874	3,705	-169	-4.4%
Nonroad MAR	1,775	981	-793	-44.7%
Nonroad NMIM	5,329	2,055	-3,274	-61.4%
Onroad MOVES	36,440	9,338	-27,102	-74.4%
Point EGU	15,985	15,531	-454	-2.8%
Point nonEGU	10,965	9,646	-1,319	-12.0%
	<b>74,368</b>	<b>41,255</b>	<b>-33,113</b>	<b>-44.5%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	5,452	5,201	-251	-4.6%
Nonroad MAR	74	35	-39	-52.3%
Nonroad NMIM	474	211	-263	-55.4%
Onroad MOVES	1,225	346	-879	-71.8%
Point EGU	2,123	2,060	-63	-3.0%
Point nonEGU	923	915	-8	-0.9%
	<b>10,272</b>	<b>8,769</b>	<b>-1,503</b>	<b>-14.6%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	4,900	2,763	-2,136	-43.6%
Nonroad MAR	30	15	-15	-50.2%
Nonroad NMIM	293	8	-285	-97.3%
Onroad MOVES	255	89	-165	-64.9%
Point EGU	106,189	5,179	-101,010	-95.1%
Point nonEGU	11,520	11,539	19	0.2%
	<b>123,186</b>	<b>19,593</b>	<b>-103,593</b>	<b>-84.1%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

**Exhibit 7.5 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Johnstown, PA**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) From 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	861	822	-39	-4.5%
Nonroad MAR	1,132	568	-564	-49.8%
Nonroad NMIM	909	366	-543	-59.7%
Onroad MOVES	6,017	1,217	-4,800	-79.8%
Point EGU	41,440	40,004	-1,435	-3.5%
Point nonEGU	932	1,097	165	17.7%
	<b>51,291</b>	<b>44,074</b>	<b>-7,216</b>	<b>-14.1%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	1,198	1,114	-84	-7.0%
Nonroad MAR	45	18	-27	-60.6%
Nonroad NMIM	84	36	-48	-56.9%
Onroad MOVES	195	43	-152	-78.2%
Point EGU	2,867	2,768	-99	-3.4%
Point nonEGU	231	234	3	1.4%
	<b>4,619</b>	<b>4,212</b>	<b>-407</b>	<b>-8.8%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	1,179	593	-586	-49.7%
Nonroad MAR	13	1	-12	-95.9%
Nonroad NMIM	51	1	-50	-97.4%
Onroad MOVES	45	12	-32	-72.3%
Point EGU	143,303	141,481	-1,821	-1.3%
Point nonEGU	30	35	4	14.7%
	<b>144,621</b>	<b>142,123</b>	<b>-2,498</b>	<b>-1.7%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

Note: summary includes emissions for all of Indiana County; however, only part of the county is in the nonattainment area.

**Exhibit 7.6 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Lancaster, PA**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) From 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	1,827	1,704	-122	-6.7%
Nonroad MAR	293	140	-153	-52.1%
Nonroad NMIM	2,880	1,170	-1,710	-59.4%
Onroad MOVES	14,163	3,779	-10,384	-73.3%
Point EGU	0	0	0	0.0%
Point nonEGU	1,147	1,383	236	20.5%
	<b>20,310</b>	<b>8,177</b>	<b>-12,133</b>	<b>-59.7%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	1,827	1,704	-122	-6.7%
Nonroad MAR	293	140	-153	-52.1%
Nonroad NMIM	2,880	1,170	-1,710	-59.4%
Onroad MOVES	14,163	3,779	-10,384	-73.3%
Point EGU	0	0	0	0.0%
Point nonEGU	1,147	1,383	236	20.5%
	<b>20,310</b>	<b>8,177</b>	<b>-12,133</b>	<b>-59.7%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	3,030	1,766	-1,264	-41.7%
Nonroad MAR	4	0	-3	-87.6%
Nonroad NMIM	144	5	-139	-96.8%
Onroad MOVES	104	38	-66	-63.4%
Point EGU	0	0	0	0.0%
Point nonEGU	102	120	18	17.5%
	<b>3,384</b>	<b>1,929</b>	<b>-1,454</b>	<b>-43.0%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

**Exhibit 7.7 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions**  
**Nonattainment Area: Metro New York/Northern New Jersey/Long Island NY/NJ/CT**

SECTOR	Annual (tons) 2007	Annual (tons) 2025	Change (tpy) from 2007 to 2025	Change (%) From 2007 to 2025
<b>Oxides of Nitrogen (NOx)</b>				
Area	64,044	56,873	-7,170	-11.2%
Nonroad MAR	46,842	31,820	-15,023	-32.1%
<b>Nonroad NMIM</b>	<b>70,841</b>	<b>13,603</b>	<b>-57,238</b>	<b>-80.8%</b>
Onroad MOVES	252,723	74,474	-178,249	-70.5%
Point EGU	36,928	33,841	-3,087	-8.4%
Point nonEGU	20,117	20,881	765	3.8%
	<b>491,675</b>	<b>231,660</b>	<b>-260,014</b>	<b>-52.9%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	18,512	19,318	805	4.4%
Nonroad MAR	1,705	755	-950	-55.7%
<b>Nonroad NMIM</b>	<b>5,873</b>	<b>1,534</b>	<b>-4,339</b>	<b>-73.9%</b>
Onroad MOVES	10,189	4,878	-5,311	-52.1%
Point EGU	6,267	4,274	-1,994	-31.8%
Point nonEGU	1,530	1,704	174	11.4%
	<b>44,131</b>	<b>32,457</b>	<b>-11,674</b>	<b>-26.5%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	42,122	10,353	-31,768	-75.4%
Nonroad MAR	11,823	1,957	-9,865	-83.4%
<b>Nonroad NMIM</b>	<b>3,720</b>	<b>56</b>	<b>-3664</b>	<b>-98.5%</b>
Onroad MOVES	1,750	1,564	-186	-10.6%
Point EGU	63,236	44,139	-19,097	-30.2%
Point nonEGU	5,293	5,351	59	1.1%
	<b>126,427</b>	<b>63,420</b>	<b>-63,005</b>	<b>-43.7%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

**Note: 2025 NMIM emissions for New York counties are missing from the above summaries.**

Note 2: New Jersey made changes to Point EGU values in this table after AMEC finalized the project. The changes were made by MARAMA.

Note 3: GSE Emissions were removed from 2025 total for consistency.

Note 4: 2007 and 2025 Connecticut NMIM was updated with runs that use Version 3 inputs, including revisions to the Pleasurecraft population file.

**Exhibit 7.8 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Philadelphia-Wilmington, PA/DE/NJ**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) From 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	18,043	17,741	-302	-1.7%
Nonroad MAR	12,271	9,357	-2,913	-23.7%
Nonroad NMIM	19,579	8,305	-11,274	-57.6%
Onroad MOVES	106,315	26,648	-79,668	-74.9%
Point EGU	12,616	4,873	-7,743	-61.4%
Point nonEGU	19,143	14,944	-4,199	-21.9%
	<b>187,967</b>	<b>81,869</b>	<b>-106,099</b>	<b>-56.4%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	13,811	12,983	-829	-6.0%
Nonroad MAR	658	299	-360	-54.7%
Nonroad NMIM	1,808	1,059	-749	-41.4%
Onroad MOVES	3,795	1,443	-2,352	-62.0%
Point EGU	1,048	813	-236	-22.5%
Point nonEGU	3,524	3,062	-462	-13.1%
	<b>24,644</b>	<b>19,657</b>	<b>-4,987</b>	<b>-20.2%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	16,763	9,756	-7,007	-41.8%
Nonroad MAR	5,136	677	-4,459	-86.8%
Nonroad NMIM	998	32	-966	-96.7%
Onroad MOVES	773	422	-351	-45.4%
Point EGU	20,665	4,563	-16,102	-77.9%
Point nonEGU	14,370	8,990	-5,380	-37.4%
	<b>58,705</b>	<b>24,440</b>	<b>-34,265</b>	<b>-58.4%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model



**Exhibit 7.9 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Pittsburgh-Beaver Valley, PA**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) From 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	8,608	8,613	5	0.1%
Nonroad MAR	14,258	7,116	-7,142	-50.1%
Nonroad NMIM	9,827	4,223	-5,605	-57.0%
Onroad MOVES	56,652	12,725	-43,927	-77.5%
Point EGU	82,657	84,453	1,795	2.2%
Point nonEGU	20,217	18,760	-1,456	-7.2%
	<b>192,219</b>	<b>135,890</b>	<b>-56,330</b>	<b>-29.3%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	7,562	6,835	-728	-9.6%
Nonroad MAR	467	196	-271	-58.1%
Nonroad NMIM	880	432	-448	-50.9%
Onroad MOVES	1,905	531	-1,374	-72.1%
Point EGU	6,293	6,348	55	0.9%
Point nonEGU	5,108	5,109	1	0.0%
	<b>22,216</b>	<b>19,450</b>	<b>-2,766</b>	<b>-12.4%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	13,589	10,791	-2,798	-20.6%
Nonroad MAR	260	95	-165	-63.4%
Nonroad NMIM	529	15	-514	-97.2%
Onroad MOVES	419	141	-278	-66.4%
Point EGU	429,186	93,130	-336,056	-78.3%
Point nonEGU	13,247	13,699	451	3.4%
	<b>457,230</b>	<b>117,871</b>	<b>-339,359</b>	<b>-74.2%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

Note: summary includes emissions for all of Allegheny, Armstrong, Greene and Lawrence counties; however, only parts of those counties are in the nonattainment area.

**Exhibit 7.10 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: Reading, PA**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) From 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	1,289	1,114	-175	-13.6%
Nonroad MAR	621	307	-314	-50.5%
Nonroad NMIM	1,911	696	-1,215	-63.6%
Onroad MOVES	11,370	2,831	-8,538	-75.1%
Point EGU	2,506	2,432	-74	-2.9%
Point nonEGU	3,288	1,919	-1,369	-41.6%
	<b>20,983</b>	<b>9,298</b>	<b>-11,685</b>	<b>-55.7%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	1,859	1,727	-132	-7.1%
Nonroad MAR	30	15	-15	-51.5%
Nonroad NMIM	161	72	-88	-54.9%
Onroad MOVES	379	96	-284	-74.7%
Point EGU	947	921	-26	-2.7%
Point nonEGU	325	331	6	1.8%
	<b>3,701</b>	<b>3,161</b>	<b>-540</b>	<b>-14.6%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	2,389	1,223	-1,166	-48.8%
Nonroad MAR	7	1	-7	-92.6%
Nonroad NMIM	99	3	-96	-97.1%
Onroad MOVES	81	27	-53	-66.3%
Point EGU	14,491	13,990	-501	-3.5%
Point nonEGU	649	660	11	1.7%
	<b>17,716</b>	<b>15,903</b>	<b>-1,812</b>	<b>-10.2%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

**Exhibit 7.11 Comparison of 2007 and 2025 PM2.5 and PM Precursor Emissions****Nonattainment Area: Washington DC/MD/VA**

SECTOR	Annual (tons) 2007	Annual (tons) 2025	Change (tpy) from 2007 to 2025	Change (%) From 2007 to 2025
<b>Oxides of Nitrogen (NOx)</b>				
Area	8,936	9,342	406	4.5%
Nonroad MAR	6,700	6,711	11	0.2%
Nonroad NMIM	20,097	8,000	-12,097	-60.2%
<b>Onroad MOVES</b>	<b>42,971</b>	<b>14,067</b>	<b>-28,904</b>	<b>-67.3%</b>
Point EGU	29,029	13,919	-15,109	-52.0%
Point nonEGU	8,826	11,253	2,427	27.5%
	<b>116,643</b>	<b>63,295</b>	<b>-53,348</b>	<b>-45.7%</b>
<b>Direct PM2.5</b>				
Area	9,528	9,725	198	2.1%
Nonroad MAR	201	160	-40	-20.2%
Nonroad NMIM	2,005	1,110	-895	-44.7%
<b>Onroad MOVES</b>	<b>1,467</b>	<b>728</b>	<b>-739</b>	<b>-50.4%</b>
Point EGU	4,984	4,996	12	0.2%
Point nonEGU	563	594	32	5.6%
	<b>18,746</b>	<b>17,316</b>	<b>-1,430</b>	<b>-7.6%</b>
<b>Sulfur Dioxide (SO2)</b>				
Area	5,733	3,862	-1,871	-32.6%
Nonroad MAR	416	488	72	17.3%
Nonroad NMIM	1,233	28	-1,205	-97.8%
<b>Onroad MOVES</b>	<b>387</b>	<b>347</b>	<b>-40</b>	<b>-10.4%</b>
Point EGU	179,243	24,694	-154,549	-86.2%
Point nonEGU	4,206	3,570	-636	-15.1%
	<b>191,215</b>	<b>32,990</b>	<b>-158,225</b>	<b>-82.7%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

**Note: 2007 and 2025 MOVES onroad emissions for Virginia counties are missing from the above summaries.**

Note2: GSE Emissions were removed from 2025 total for consistency.

**Exhibit 7.12 Comparison of 2007 and 2025 PM<sub>2.5</sub> and PM Precursor Emissions  
Nonattainment Area: York, PA**

<b>SECTOR</b>	<b>Annual (tons) 2007</b>	<b>Annual (tons) 2025</b>	<b>Change (tpy) from 2007 to 2025</b>	<b>Change (%) From 2007 to 2025</b>
<b>Oxides of Nitrogen (NOx)</b>				
Area	1,680	1,678	-2	-0.1%
Nonroad MAR	198	104	-93	-47.2%
Nonroad NMIM	2,463	836	-1,627	-66.1%
Onroad MOVES	10,519	2,740	-7,779	-74.0%
Point EGU	15,760	15,226	-534	-3.4%
Point nonEGU	6,404	6,431	28	0.4%
	<b>37,024</b>	<b>27,015</b>	<b>-10,008</b>	<b>-27.0%</b>
<b>Direct PM<sub>2.5</sub></b>				
Area	2,394	2,325	-69	-2.9%
Nonroad MAR	13	7	-6	-48.7%
Nonroad NMIM	189	77	-112	-59.4%
Onroad MOVES	348	121	-227	-65.2%
Point EGU	2,098	2,026	-72	-3.4%
Point nonEGU	364	365	1	0.3%
	<b>5,407</b>	<b>4,921</b>	<b>-486</b>	<b>-9.0%</b>
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Area	1,684	1,059	-625	-37.1%
Nonroad MAR	2	0	-2	-88.4%
Nonroad NMIM	132	3	-129	-97.5%
Onroad MOVES	79	28	-50	-63.8%
Point EGU	106,158	5,136	-101,021	-95.2%
Point nonEGU	9,743	9,749	6	0.1%
	<b>117,798</b>	<b>15,977</b>	<b>-101,821</b>	<b>-86.4%</b>

Nonroad MAR – includes commercial marine vessels, airports, and railroad locomotives

Nonroad NMIM – includes equipment included in USEPA's NMIM/NONROAD model

Onroad MOVES – includes emissions calculated by USEPA's MOVES model

## 8.0 DELIVERABLES

Files are stored on MARAMA ftp site:

Address: [ftp.marama.org](ftp://marama.org)

Login ID: regionalei

Password: marama2007

Folder: /2025/Final 2025 (Version 3\_3)

Exhibit 8.1 lists the file names for all final deliverables.

### Exhibit 8.1 Final Deliverables

File Name	Description
TSD V3_3 MANE-VU 2025 Inventory PM Nonattainment Counties.docx	Technical Support Document for 2025 emission inventory for PM nonattainment counties
Appendix A1 AEO2010 New England.xls	AEO2010 Energy Consumption by Sector and Source for New England Region (CT, MA, ME, NH, RI, VT) and calculated growth factors
Appendix A2 AEO2010 Mid Atlantic.xls	AEO2010 Energy Consumption by Sector and Source for Mid-Atlantic Region (NJ, NY, PA) and calculated growth factors
Appendix A3 AEO2010 South Atlantic.xls	AEO2010 Energy Consumption by Sector and Source for South Atlantic Region (DC, DE, MD, VA) and calculated growth factors
Appendix A4 AEO2011 New England.xls	AEO2011 Energy Consumption by Sector and Source for New England Region (CT, MA, ME, NH, RI, VT) and calculated growth factors
Appendix A5 AEO2011 Mid Atlantic.xls	AEO2011 Energy Consumption by Sector and Source for Mid-Atlantic Region (NJ, NY, PA) and calculated growth factors
Appendix A6 AEO2011 South Atlantic.xls	AEO2011 Energy Consumption by Sector and Source for South Atlantic Region (DC, DE, MD, VA) and calculated growth factors
Appendix A7 AEO2010 vs AEO2011 Comparison.docx	Technical Memorandum comparing AEO2010 and AEO2011 energy consumption projections
Appendix B Population_Factors.xls	County-level population growth factors as provided by states

<b>File Name</b>	<b>Description</b>
Appendix C Employment_Factors.xls	State-level employment growth factors provided by states
Appendix D VMT GF Nonattainment Counties.xls	County-level VMT for 2007 and 2025
Appendix E EPA2020 Res Wood.xls	USEPA growth factor formulas by SCC for residential wood combustion
Appendix F AEO2011-Electricity Generation by EMM.xlsx	AEO 2011 Electricity Generation by Electricity Market Module Region and Source, Reference case, and associated growth factors
Appendix G UAF NEEDS Control FileMASTER92211.xls	State information on future EGU controls and emission rates
Appendix H MAR Growth and Control.xls	USEPA and FAA data used to develop growth and control factors for commercial marine vessels, airports, and railroads
V3_3 Area_07_25 PM Nonattainment.xlsx	County and SCC-level emissions and growth/control factors for area sources
V3_3 EGU_07_25 PM Nonattainment.xlsx	Unit level emissions and growth/control factors for EGUs
V3_3 MAR_07_25 PM Nonattainment.xlsx	County and SCC-level emissions and growth/control factors for commercial marine vessels, airports, and railroad locomotives
V3_3 MOVES_07_25 PM Nonattainment.xlsx	County level emissions for onroad vehicles included in USEPA's MOVES model
V3_3 NMIM_07_25 PM Nonattainment.xlsx	County and SCC-level emissions for nonroad equipment included in USEPA's NMIM/NONROAD model
V3_3 NonEGU_07_25 PM Nonattainment.xlsx	Unit level emissions and growth/control factors for nonEGUs
V3_3 Summaries_07_25 PM Nonattainment.xlsx	Emission summaries by county and nonattainment area

## 9.0 REFERENCES

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Appendix E  
Emission Inventory Detail Spreadsheet

The emissions inventory detail spreadsheet is too large to replicate as a document and is available on the CD.

Appendix F  
Onroad Mobile MOVES Documentation, Conformity  
Data and Budgets

**On-Road (Highway)  
Mobile Emissions Inventory Documentation  
for the  
Baltimore, Maryland PM<sub>2.5</sub> Nonattainment Area**



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**December 2012**

**The Baltimore Maryland PM<sub>2.5</sub> Non-Attainment Area  
On-Road (Highway) Mobile Emissions Inventory Documentation**  
November 2012

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## OVERVIEW

This document provides the on-road (highway) mobile source emissions inventory for the Baltimore, Maryland PM2.5 non-attainment area using EPA's Motor Vehicle Emission Simulator (MOVES) model. The document includes a summary of the methodology and data assumptions used for the analysis. As shown in Exhibit 1, appendices have been provided with additional detail regarding the MOVES input parameters, vehicle miles of travel (VMT) and emission results for the nonattainment area.

### Exhibit 1: Summary of Appendices

Appendix	Title	Description
A	(PM2.5, NOx, SO2, and NH3) Emission Results	Provides annual emission exhibits by county, road type, and source type categories in 2002, 2007, 2017 and 2025.
B	MOVES Sample Input File	Provides example of the MOVES input files.
C	MOVES Input Parameter Summary	Provides a summary of input parameters related to traffic data sources, fuel, weather, I/M, and other MOVES related input data.

### Background:

The emissions inventory was developed using EPA's emissions model, MOVES2010. MOVES is now EPA's state-of-the-art tool for estimating emissions from highway vehicles. Compared to previous tools, MOVES incorporates the latest emissions data, more sophisticated calculation algorithms, increased user flexibility, new software design, and significant new capabilities. EPA announced the release of MOVES2010 in March 2010 (75 Federal Register 9411), and released a minor revision as MOVES2010a in September 2010. In April 2012, EPA released MOVES2010b to allow MOVES users to benefit from several improvements to general model performance. MOVES2010b does not affect the criteria pollutant emissions results of MOVES2010a and therefore is not a new model. Based on the timing of the analysis, this highway emissions inventory utilizes the MOVES2010a model.

### Highway Emissions:

Exhibit 2 summarizes the highway emissions inventory for the Baltimore nonattainment area. The emission estimates for all pollutants have been developed using the MOVES2010a emission model and latest planning assumptions. Emissions have been estimated for the 2002, 2007, 2017 and 2025 analysis years. Emission estimates for 2002 and 2007 utilized input parameters for the 2002 and 2007, respectively. All future year emission estimates were based on 2011 input parameters which are discussed throughout this document.

### Exhibit 2: Summary of Highway Emissions Inventory for Baltimore Area Annual Emissions (Short tons/year)

County	VMT	NOx	PM <sub>2.5</sub>	SO2	NH3
<b>2002</b>					
Anne Arundel	5,440,520,945	16,601.53	521.17	455.52	322.77
Baltimore	7,801,050,015	25,148.65	774.04	664.47	455.06
Carroll	1,256,025,206	4,160.47	120.41	105.11	71.00
Harford	2,233,012,915	7,433.09	219.19	192.20	129.43
Howard	3,442,042,065	10,762.42	315.88	283.32	207.10
Baltimore City	3,726,934,898	11,953.86	394.17	324.90	216.73
<b>Baltimore Area</b>	<b>23,899,586,044</b>	<b>76,060.01</b>	<b>2,344.86</b>	<b>2,025.51</b>	<b>1,402.09</b>



**Exhibit 3 (Continuation): Summary of Highway Emissions Inventory for Baltimore Area  
Annual Emissions (Short tons/year)**

County	VMT	NO <sub>x</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NH <sub>3</sub>
<b>2007</b>					
Anne Arundel	5,785,515,339	11,318.93	406.08	89.95	243.14
Baltimore	8,261,132,705	16,194.40	593.34	125.05	341.88
Carroll	1,295,994,583	2,681.91	92.43	20.35	51.86
Harford	2,362,027,061	4,765.34	163.92	35.49	96.93
Howard	3,814,996,957	7,147.00	253.12	56.53	162.47
Baltimore City	3,626,042,612	7,032.53	280.40	57.97	150.09
<b>Baltimore Area</b>	<b>25,145,709,257</b>	<b>49,140.12</b>	<b>1,789.28</b>	<b>385.34</b>	<b>1,046.37</b>
<b>2017</b>					
Anne Arundel	6,983,411,737	5,760.52	233.55	55.49	187.93
Baltimore	9,699,195,900	7,990.63	323.09	75.02	254.21
Carroll	1,565,683,241	1,368.18	53.99	12.42	40.21
Harford	2,843,996,638	2,378.05	89.80	21.46	73.99
Howard	5,140,681,964	4,105.58	164.26	39.99	140.60
Baltimore City	4,024,005,110	3,307.04	145.62	32.47	103.49
<b>Baltimore Area</b>	<b>30,256,974,590</b>	<b>24,910.01</b>	<b>1,010.31</b>	<b>236.87</b>	<b>800.43</b>
<b>2025</b>					
Anne Arundel	7,619,850,404	4,267.05	189.30	55.89	194.56
Baltimore	10,146,999,503	5,585.84	240.04	71.45	249.44
Carroll	1,715,255,647	1,014.74	44.02	12.59	42.01
Harford	3,020,269,319	1,658.47	66.18	20.57	73.34
Howard	5,880,894,232	3,279.20	144.16	43.33	152.80
Baltimore City	4,042,022,572	2,190.50	103.05	29.22	97.15
<b>Baltimore Area</b>	<b>32,425,291,677</b>	<b>17,995.80</b>	<b>786.75</b>	<b>233.06</b>	<b>809.30</b>

A safety margin was applied to the emissions totals for the 2017 and 2025 analysis years to establish Motor Vehicle Emission Budgets (MVEBs) for transportation conformity. The safety margin was determined through consultation with Baltimore Metropolitan Council (BMC), Maryland Department of Environment (MDE) and Maryland Department of Transportation (MDOT). **Exhibit 3** summarizes the MVEBs for the Baltimore Area.

**Exhibit 4: Transportation Conformity Emission Budgets (Baltimore Area)**

<i>Emissions (Short Tons/Year)</i>	NO <sub>x</sub>	PM <sub>2.5</sub>
2017	29,892.01	1,218.60
2025	21,594.96	1,051.39

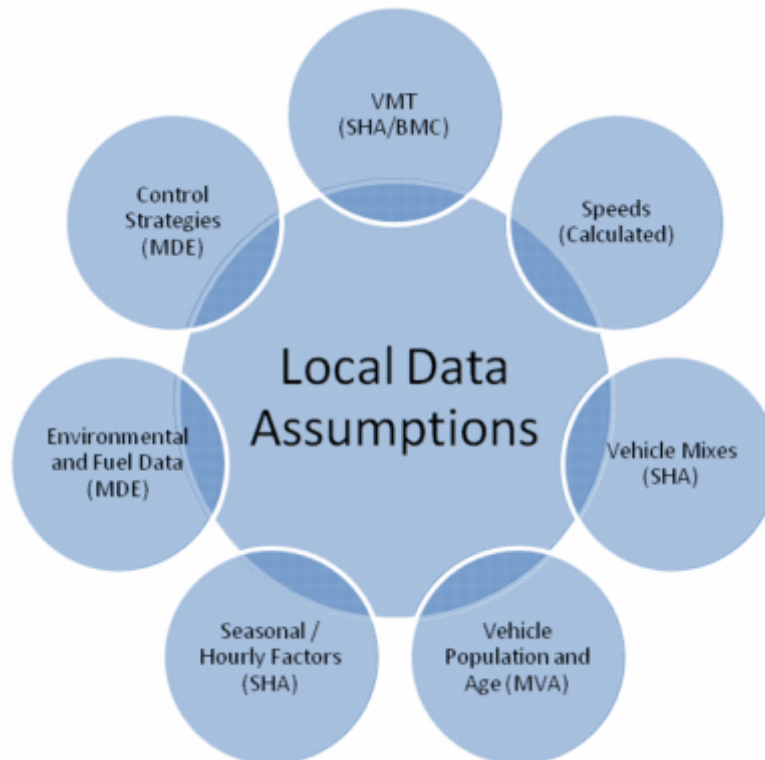
## ***Analysis Methodology:***

Guidance documents from EPA were used to develop the highway emissions inventory. They include:

- *Policy Guidance on the Use of MOVES2010 and Subsequent Minor Revisions for SIP Development, Transportation Conformity, and Other Purposes*, US EPA Office of Air and Radiation, EPA-420-B-12-010, April 2012.
- *Using MOVES to prepare Emission Inventories in State Implementation Plans and Transportation Conformity: Technical Guidance for MOVES2010, 2010a and 2010b*. US EPA Office of Air and Radiation, and Office of Transportation and Air Quality, EPA-420-B-12-028, April 2012.
- *Motor Vehicle Emission Simulator, User Guide for MOVES2010a*, EPA-420-B-10-036, August 2010.

The methodologies used to produce the emission data conform to the recommendations provided in EPA’s technical guidance. A mix of local data and national default (internal to MOVES2010a) data has been used for this submission. As illustrated in Exhibit 4, local data has been used for the primary data items that have a significant impact on emissions. Local data inputs to the analysis process reflect the latest available planning assumptions using data obtained from the Maryland Department of Environment (MDE), Motor Vehicle Administration (MVA), Maryland State Highway Administration (SHA), Baltimore Metropolitan Council (BMC) and other local/national sources.

**Exhibit 5: Local Data Inputs Used for Emissions Inventory**



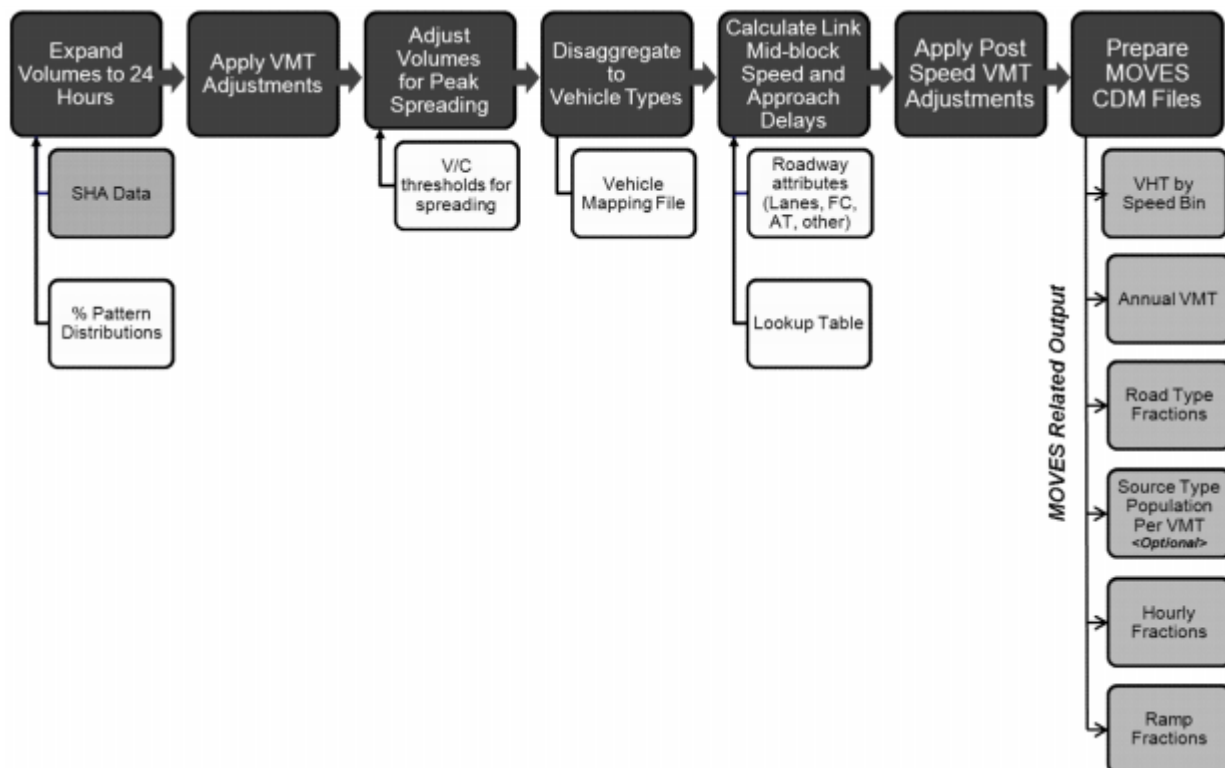
The analysis methodology is consistent with past statewide inventory efforts including the 2008 National Emissions Inventory (NEI) submission. This includes the use of statewide traffic roadway data and custom post-processing software (PPSUIITE) to calculate hourly speeds and prepare key traffic input files to the MOVES2010a emission model. PPSUIITE consists of a set of programs that perform the following functions:

- Analyzes highway operating conditions.
- Calculates highway speeds.
- Compiles vehicle miles of travel (VMT) and vehicle type mix data.
- Prepares MOVES runs and processes MOVES outputs.

PPSUIITE is a widely used and accepted tool for estimating speeds and processing emissions rates. It has been used for past SIP highway inventories in Maryland, Pennsylvania, and New Jersey. The software is based upon accepted transportation engineering methodologies. For example, PPSUIITE utilizes speed and delay estimation procedures based on planning methods provided in the Highway Capacity Manual, a report prepared by the Transportation Research Board (TRB) summarizing current knowledge and analysis techniques for capacity and level-of-service analyses of the transportation system.

The PPSUIITE process is integral to producing key input files to the MOVES emission model. Exhibit 5 summarizes the key functions of PPSUIITE and the traffic-related input files prepared for MOVES.

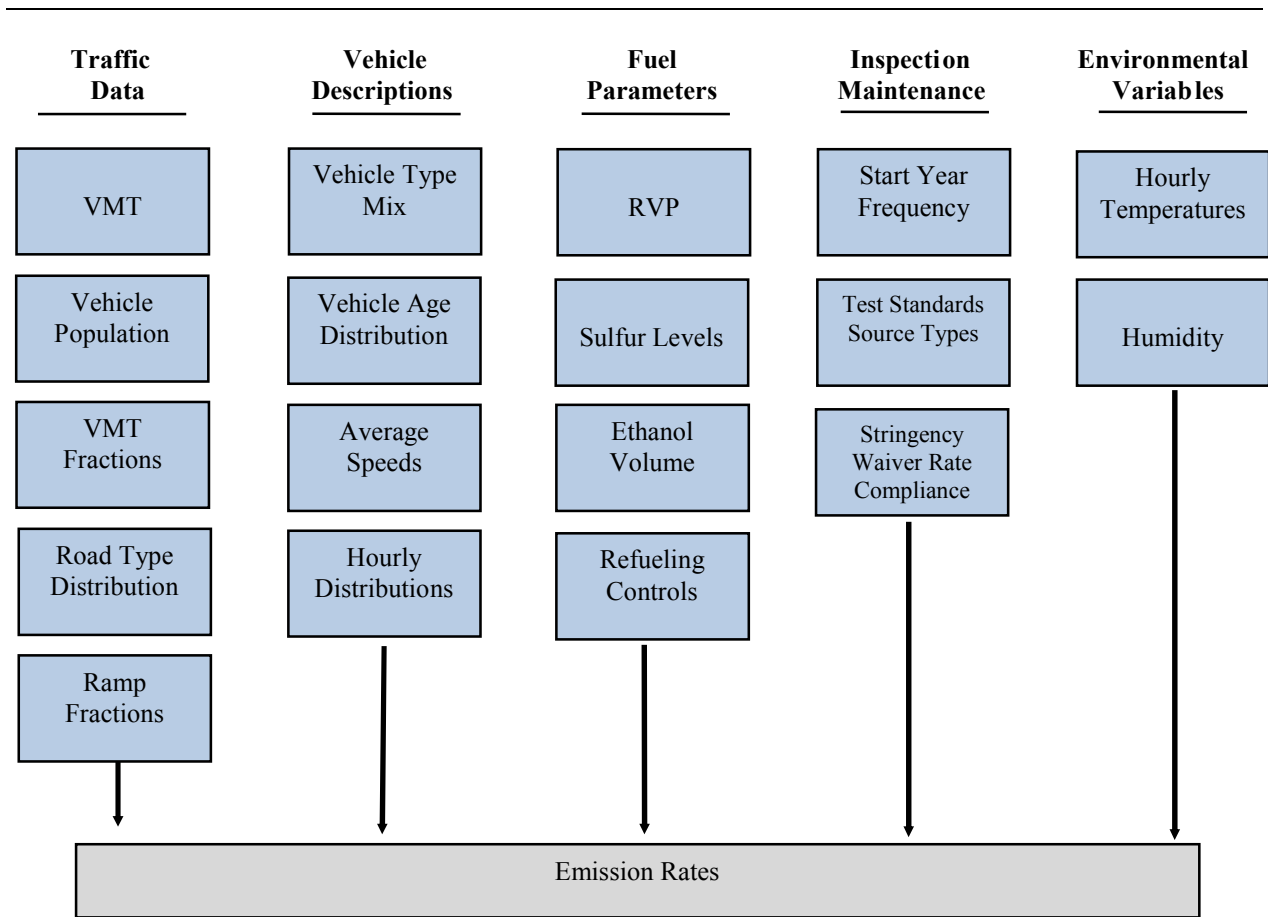
**Exhibit 6: Emission Calculation Process**



## DESCRIPTION OF INPUT DATA

A large number of inputs to MOVES are needed to fully account for the numerous vehicle and environmental parameters that affect emissions. These include traffic flow characteristics, vehicle descriptions, fuel parameters, inspection/maintenance program parameters, and environmental variables as shown in Exhibit 6.

**Exhibit 7: Examples of Key MOVES Input Data**



MOVES includes a default national database of meteorology, vehicle fleet, vehicle activity, fuel, and emission control program data for every county; but EPA cannot certify that the default data is the most current or best available information for any specific area. As a result, local data is recommended for use for analyses SIPs.

A mix of local and default data is used for this inventory. Local data sources are used for all inputs that have a significant impact on calculated emission rates. These data items are discussed in the following sections.

## ***Roadway Data:***

The roadway data input to emissions calculations for this inventory is based on information from the “universal” highway database maintained by the Maryland SHA. SHA obtains this information from periodic visual and electronic traffic counts. The SHA data is dynamic, since it is continually reviewed and updated from new traffic counts. Information on roadways included in the National Highway System is reviewed at least annually, while information on other roadways is reviewed at least biennially.

On a triennial basis, a current “snapshot” of the SHA database is taken and downloaded to provide an up-to-date record of the state’s highway system for estimating emissions. This emissions inventory is based on 2011 data which is the most current “snapshot” of the SHA data. The following information is extracted from the database for emission calculations:

- lanes
- distances
- volumes representing Average Annual Daily Traffic (AADT)
- truck percentages
- urban/rural classifications
- functional class codes

The volumes and distances are used in calculating highway VMT totals for each county. As discussed in the next section, adjustments are needed to convert the volumes to reflect annual conditions. In addition, the traffic volumes must be forecast to support future year emission inventories. The lane values, area type, and functional class are important inputs for determining the congestion and speeds for individual highway segments. Truck percentages are used in the speed determination process and are used to split volumes to individual vehicle types used by the MOVES software.

Maryland classifies its road segments by function, as well as whether it is located in an urban or rural area, as indicated below in Exhibit 7. The urban/rural (UR) and functional classes (FC) are important indicators of the type and function of each roadway segment. These values are also used to determine the MOVES Road Type classification that has an important impact on the emission factors for each roadway segment. Equivalencies between the SHA and MOVES indices are discussed in later sections.

### **Exhibit 8: MDOT Urban/Rural and Functional Class Codes**

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Urban/Rural Code	1=Rural 2=Small Urban 3=Urban	
Functional Class	Rural Functional Classes Used For Rural Areas ----- 1=Rural Freeway 2=Rural Other Principal Arterial 6=Rural Minor Arterial 7=Rural Major Collector 8=Rural Minor Collector 9=Rural Local	Urban Functional Classes Used For Urban Areas ----- 11=Urban Freeway 12=Urban Expressway 14=Urban Principal Arterial 16=Urban Minor Arterial 17=Urban Collector 19=Urban Local

---

The PPSUITE processing software allows for many additional variables other than those available in the SHA database. Using these variables improves the calculation of congested speeds. Such variables include information regarding free-flow speeds and capacities and other physical roadway features (e.g. traffic signals) that can affect a roadway's calculated congested speed. This data can be determined from lookup tables based on a roadway segment's urban/rural code and functional class. Much of the lookup table data was developed from information contained in the Highway Capacity Manual.

### ***Traffic Volumes Growth Rates:***

Traffic volume projections are needed to support the forecast emission inventories. Growth factors are applied to the base year traffic volumes in the SHA database. These growth factors are determined through an assessment of:

- Historic VMT growth from the Highway Performance Monitoring System (HPMS)
- Travel model forecasts obtained from the BMC regional travel demand model
- Assessment of other factors affecting regional growth not represented in the above sources

The development and selection of growth rates has included consultation between MDOT, BMC and MDE. Forecasted traffic volumes are used within the post-processing methodologies to estimate future year congested speeds.

### ***Other Supporting Traffic Data:***

Other traffic data is used to adjust and disaggregate traffic volumes. Key sources used in these processes include the following:

*HPMS VMT:* According to EPA guidance, baseline inventory VMT computed from the SHA highway segment volumes must be adjusted to be consistent with HPMS VMT totals. Although it has some limitations, the HPMS system is currently in use in all 50 states and is being improved under FHWA direction. Adjustment factors are calculated which adjust the base year 2011 SHA download VMT to be consistent with the reported 2011 HPMS totals for that year. These factors are applied to all county, urban/rural code, and facility group combinations within the region. These adjustments are important for accounting for missing local roadway VMT that is not contained within or represented by the state-owned roadway system.

*Seasonal Factors:* The SHA contains AADT volumes that are an average of all days in the year, including weekends and holidays. PM and CO analyses require volumes representing monthly average conditions (needed for producing annual totals). Therefore, the SHA volumes must be seasonally adjusted. The seasonal factors were developed based on the 2011 report *ATR Station Reports in the Traffic Trends System Report Module* from the SHA website. These factors are applied to the existing SHA AADT volumes to produce the monthly volumes. The same factors are also used to develop the MOVES daily and monthly VMT fraction files.

*Hourly Patterns:* Speeds and emissions vary considerably depending on the time of day. Therefore, it is important to estimate the pattern by which roadway volume varies by hour of the day. Pattern data is in the form of a percentage of the daily volumes for each hour. Distributions are provided for all the counties within the region and by each facility type grouping. This data was developed from 2011 24-hour count data obtained from the SHA website. The same factors are also used to develop the MOVES hourly fraction file.

## ***Vehicle Class Data:***

Emission rates within MOVES vary significantly by the type of vehicle. The MOVES model produces emissions and rates by thirteen MOVES vehicle source types. However, VMT is input to MOVES by six HPMS vehicle groups. Exhibit 8 summarizes the distinction between each classification scheme.

### **Exhibit 9: MOVES Source Types and HPMS Vehicle Groups**

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<u>SOURCE TYPES</u>		<u>HPMS Class Groups</u>	
11	Motorcycle	10	Motorcycle
21	Passenger Car	20	Passenger Car
31	Passenger Truck	30	Passenger/Light Truck
32	Light Commercial Truck	40	Buses
41	Intercity Bus	50	Single Unit Trucks
42	Transit Bus	60	Combination Trucks
43	School bus		
51	Refuse Truck		
52	Single Unit Short-haul Truck		
53	Single Unit Long-haul Truck		
54	Motor Home		
61	Combination Short-haul Truck		
62	Combination Long-haul Truck		

---

For this regional inventory, vehicle type pattern data was developed for each county and functional class combination based on SHA classification counts and internal MOBILE6.2 and MOVES defaults. As the first step, SHA count data was used to develop percentage splits to the following four vehicle groups:

- Autos
- Heavy trucks
- Motorcycles
- Buses

Following procedures used for previous SIP efforts, the vehicle groups were expanded to the 28 MOBILE6.2 weight-based vehicle types. Using procedures provided in EPA technical guidance, the MOBILE6.2 vehicle classes were mapped to the MOVES source type and HPMS class groups.

The vehicle type percentages are also provided to the capacity analysis section of PPSUITE to adjust the speeds in response to trucks. That is, a given number of larger trucks take up more roadway space than a given number of cars, and this is accounted for in the speed estimation process by adjusting capacity using information from the Highway Capacity Manual.

## ***Vehicle Ages:***

Vehicle age distributions are input to MOVES for each county by the thirteen source types. The distributions reflect the percentage of vehicles in the fleet up to 31 years old. The vehicle age distributions were prepared by MDE based on information obtained from MVA registration data.

The age distributions are based on 2011 MVA registration data that included cleaning of duplicate, expired, and non-eligible vehicles (from the emission standpoint such as trailers, farm tractors). The data was transformed into two sets of MOBILE6 vehicle types; one conforming to MOBILE6-28 vehicle type and the other to MOBILE6-16 composite vehicle type system using a SAS-based computer program.

The MOVES model input age distributions were produced utilizing the available EPA MS-Excel-based vehicle registration converter tool. This tool assisted in converting the MOBILE6.2-based data into the MOVES source type categories.

### ***Vehicle Population Data:***

The information on the vehicle fleet including the number and age of vehicles impacts forecasted start and evaporative emissions within MOVES. MOVES model requires the population of vehicles by the thirteen source type categories. This data was prepared and provided by MDE for the analysis year 2011 utilizing another SAS-based computer program similar to the one discussed in the previous vehicle age section. Maryland county vehicle registration data was used to estimate vehicle population for light-duty and heavy-duty vehicles for all counties in the region.

For the analysis years 2017 and 2025, the vehicle population was forecasted based on projected household and population growth obtained from state and MPO sources. The growth rate methodology included:

- Choosing the highest growth rate between population, households and VMT growth.
- Default VMT/Population ratio for Trucks i.e. Truck population growth based on Truck VMT.

### ***Environmental and Fuel Data:***

Information on environmental, fuel, vehicle technology and other control strategy assumptions were determined based on a review of MOVES2010a default information by MDE.

*Fuel Data:* MDE obtains monthly fuel data reports regularly from the MD Fuel Laboratory which is under the jurisdiction of MD Fuel Tax Division of the Office of the Comptroller of MD. These fuel reports are generated by testing samples collected in the field (gas stations) for the purpose of fuel regulation enforcement. It covers all counties in MD. Since the data entry of these samples is a huge task, compilation of fuel data to yield input parameters for MOBILE or MOVES modeling is confined only to the years for which emission inventories are due for submission to EPA on a triennial basis beginning with the baseline year of 1990. 2011 happens to be a year of such periodic emission inventories. As such 2011 fuel data was compiled and fuel data parameters were developed separately for the 14 MD counties with EPA mandates to dispense only reformulated gasoline requirements and the 10 remaining counties dispensing conventional gasoline.

Two sets of fuel data inputs (Fuel Formulation and Fuel Supply tables) required by MOVES model were developed in-house for every county in MD. The fuel parameters changed from the MOVES defaults are as follows:

fuelFormulationID	Unique ID used for easy recognition
fuelSubtypeID	Selected per guidance based on ethanol content of gasoline
sulfurLevel	Computed from the local fuel data
ETOHVolume	Computed from the local fuel data
aromaticContent	Computed from the local fuel data
olefinContent	Computed from the local fuel data
benzineContent	Computed from the local fuel data
E200	Computed from the local fuel data
E300	Computed from the local fuel data

*Meteorological Data:* Evaporative emissions are influenced significantly by the temperatures of the surrounding air. PM analysis temperature and humidity values were determined by MDE using the procedures documented in EPA's technical guidance. On a triennial basis, meteorology data including hourly temperature and relative humidity, is compiled to be used for periodic emission inventories and



hence this data was obtained for the year 2011. The month by month raw hourly-data sets were obtained from the National Climate Data Center of NOAA based on weather data collected at the BWI airport situated in the Anne Arundel County in the Baltimore Area. Hourly average temperature and humidity computations were developed from the 24 hourly values for every hour in a given month. Since the data source is one for the entire area, same set of data was used for all the constituent city/counties of the Baltimore Area.

### ***Other Vehicle Technology and Control Strategy Data:***

The MOVES2010a default I/M data was reviewed and updated by MDE for all the counties in the region. The current I/M program known as Vehicle Emission Inspection Program (VEIP) assumed for these analysis runs is described below.

*MD Vehicle Emission Inspection Program:* This program tests model year 1977 and newer gasoline powered vehicles weighing up to 26,000 lb. The test is done biennially, and on change of ownership. There is a two year grace period for new vehicles. Light duty vehicles model year 1996 and newer, and model year 2008 and newer vehicles weighing up to 14,000 lb get the OBD test. All other vehicles get an idle test with a gas cap pressure test and a visual check for the presence of a catalytic converter. The compliance factors reflect the observed fail and waiver rates observed in the program, combined with an assumed 96% compliance rate for vehicles showing up for testing. Heavy duty vehicles have an additional factor, reflecting the fraction of vehicles in the weight range covered by the program. This was derived from documentation comparing the MOVES and MOBILE vehicle classes. The significantly higher compliance rate for the gas cap check reflects the much higher retest pass rate for this check.

*Federal Programs:* Current federal vehicle emissions control and fuel programs are incorporated into the MOVES2010a software. These include the National Program standards covering model year vehicles through 2016. Modifications of default emission rates are required to reflect the early implementation of the National Low Emission Vehicle Program (NLEV) program in Maryland. To reflect these impacts, EPA has released instructions and input files that can be used to model these impacts. This inventory utilized the August 2010 version of the files (<http://www.epa.gov/oms/models/moves/tools.htm>).

### ***State Vehicle Technology Programs:***

*MD Clean Car Program:* Under the Maryland Clean Cars Act of 2007 Maryland adopted the California Low Emission Vehicle (LEV II) program. This program began implementation in 2011. This program requires all 2011 model year and newer vehicles (GVWR up to 14,000 lbs.) registered in Maryland to meet California emission standards for both criteria and greenhouse gas pollutants. This program also contains a zero emission vehicles component that requires the manufactures to produce a certain percentage of zero emission vehicles (electric, fuel cell, etc.) for purchase in the state. California has just adopted new amendments to the Low-Emission Vehicle regulation entitled LEV III (third generation low emission vehicle standards). These amendments create more stringent emission standards for new motor vehicles. These new standards will be phased-in over the 2015-2025 model years.

The impacts of this program were modeled for all analysis years using EPA's guidance document, *Instructions for Using LEV and NLEV Inputs for MOVES, EPA-420-B-10-003, January 2010*. EPA provided input files to reflect the CAL LEVII program with the standard phase-in schedules for new emission standards. Modifications to those schedules were done as per EPA's instructions, to reflect a later start for the State of Maryland beginning with vehicle model year 2011.

## ANALYSIS METHODOLOGY

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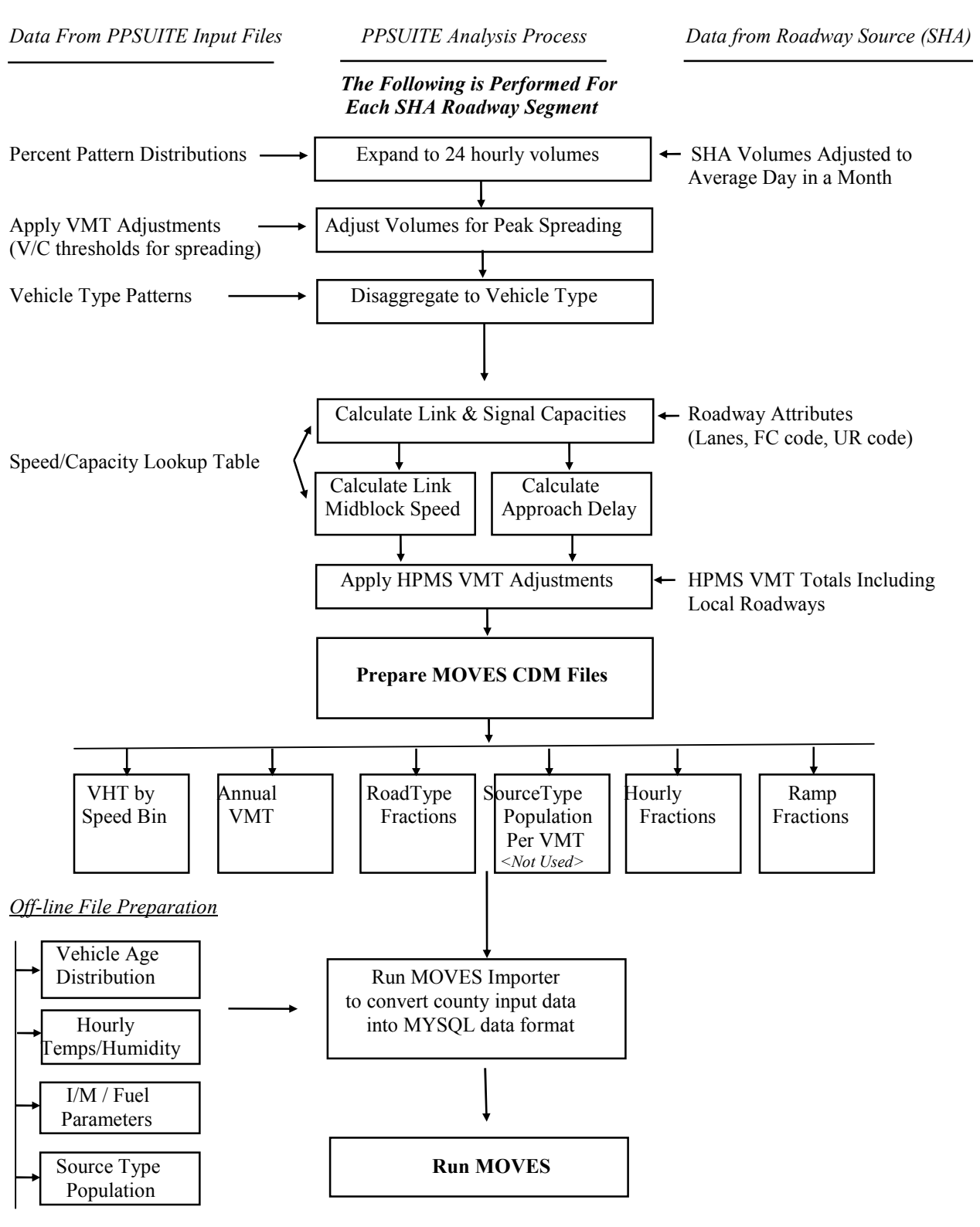
The previous sections have summarized the input data used for computing speeds and emission rates for this highway emissions inventory. This section explains how PPSUITE and MOVES uses that input data to produce emission estimates. Exhibit 9 provides a more detailed overview of the PPSUITE analysis procedure using the available traffic data information described in the previous section.

### ***VMT Preparation:***

Producing an emissions inventory with PPSUITE requires a process of disaggregation and aggregation. Data is available and used on a very small scale -- individual ½ mile roadway segments for each of the 24 hours of the day. This data needs to be processed individually to determine the distribution of vehicle hours of travel (VHT) by speed and then aggregated by vehicle class to determine the input VMT to the MOVES emission model. Key steps in the preparation of VMT include:

- *Apply Growth Factors* - The SHA database contains the base year volumes. However, to conduct a future year analysis, these volumes must be factored to the year being analyzed. Growth factors have been prepared for each county and functional class grouping. These growth factors are applied to the base year SHA volumes to obtain future year estimates that can be utilized by PPSUITE.
- *Apply Seasonal Adjustments* - PPSUITE takes the input daily volumes from SHA (which represents AADT traffic) and adjusts the volumes to an average day in a month. This adjustment utilizes factors developed for each functional class and urban/rural code. VMT can then be calculated for each link using the adjusted average day volumes.
- *Disaggregate to Hours* - After adjusting the link volume, the volume is split to each hour of the day. This allows for more accurate speed calculations (effects of congested hours) and allows PPSUITE to prepare the hourly VMT and speeds for input to the MOVES model.
- *Peak Spreading* - After dividing the daily volumes to each hour of the day, PPSUITE identifies hours that are unreasonably congested. For those hours, PPSUITE then spreads a portion of the volume to other hours within the same peak period, thereby approximating the “peak spreading” that normally occurs in such over-capacity conditions.
- *Disaggregation to Vehicle Types* - EPA requires VMT estimates to be prepared by source type, reflecting specific local characteristics. As a result, for Maryland’s emission inventory runs, the hourly volumes are disaggregated to the six HPMS MOVES vehicle grouping based on count data assembled by SHA in combination with MOVES defaults as described in the previous section.
- *Apply HPMS VMT Adjustments* - Volumes must also be adjusted to account for differences with the HPMS VMT totals, as described previously. VMT adjustment factors are provided as input to PPSUITE, and are applied to each of the roadway segment volumes. These factors were developed from the latest HPMS download (conducted triennially); however, they are also applied to any future year runs. The VMT added or subtracted to the SHA database assumes the speeds calculated using the original volumes for each roadway segment for each hour of the day.

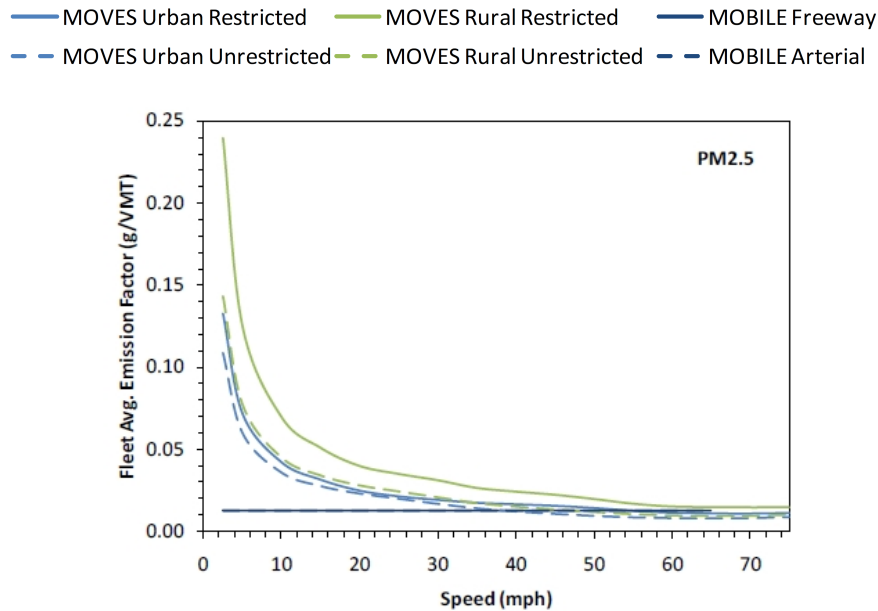
## Exhibit 10: PPSUITE Speed/Emission Estimation Procedure



## Speed Estimation:

Emissions for many pollutants (including PM and precursors) vary significantly with travel speed. For PM, higher emission rates are associated with lower speeds and lower rates are associated with higher speeds, as illustrated in Exhibit 10.

**Exhibit 11: Emission Factor vs. Speed Variances (PM2.5)**



Source: Figure 3 from *Implications of the MOVES2010 Model on Mobile Source Emission Estimates*, Air & Waste Management Association, July 2010.

EPA recognizes that the estimation of vehicle speeds is a difficult and complex process. Because emissions are so sensitive to speeds, it recommends special attention be given to developing reasonable and consistent speed estimates; it also recommends that VMT be disaggregated into subsets that have roughly equal speed, with separate emission factors for each subset. At a minimum, speeds should be estimated separately by road type.

The computational framework used for this analysis meets and exceeds that recommendation. Speeds are individually calculated for each roadway segment and hour and include the estimated delays encountered at signals. Rather than accumulating the roadway segments into a particular road type and calculating an average speed, each individual link hourly speed is represented in the MOVES vehicle hours of travel (VHT) by speed bin file. This MOVES input file allows the specification of a distribution of hourly speeds. For example, if 5% of a county's arterial VHT operates at 5 mph during the AM peak hour and the remaining 95% operates at 65 mph, this can be represented in the MOVES speed input file. For the highway emissions inventory, distributions of speeds are input to MOVES by road type and source type by each hour of the day.

To calculate speeds, PPSUITE first obtains initial capacities (how much volume the roadway can serve before heavy congestion) and free-flow speeds (speeds assuming no congestion) from the speed/capacity lookup data. As described in previous sections, this data contains default roadway information indexed by the urban/rural code and functional class. For areas with known characteristics, values can be directly coded to the SHA database and the speed/capacity data can be overridden. However, for most areas where known information is not available, the speed/capacity lookups provide valuable default information regarding speeds, capacities, signal characteristics, and other capacity adjustment information

used for calculating congested delays and speeds. The result of this process is an estimated average travel time for each hour of the day for each highway segment. The average time multiplied by the volume produces vehicle hours of travel (VHT).

### ***Developing the MOVES Traffic Input Files:***

The PPSUITE software is responsible for producing the following MOVES input files during any analysis run:

- VMT by HPMS vehicle class
- VHT by speed bin
- Road type distributions
- Ramp fractions

These files are text formatted files with a \*.csv extension. The files are provided as inputs within the MOVES county data importer.

*VMT Input File:* VMT is the primary traffic input that affects emission results. The roadway segment distances and traffic volumes are used to prepare estimates of VMT. PPSUITE performs these calculations and outputs the MOVES annual VMT input file to the County Data Manager (CDM).

*VHT by Speed Bin File:* As described in the previous section, the PPSUITE software prepares the MOVES VHT by speed bin file which summarizes the distribution of speeds across all links into each of 16 MOVES speed bins for each hour of the day by road type. This robust process ensures that MOVES emission rates are used to the fullest extent and is consistent with the methods and recommendations provided in EPA's technical guidance.

*Road Type Distributions:* In MOVES, typical drive cycles and associated operating conditions vary by the type of roadway. MOVES defines five different road types as follows:

- 1 Off-Network
- 2 Rural Restricted Access
- 3 Rural Unrestricted Access
- 4 Urban Restricted Access
- 5 Urban Unrestricted Access

For this inventory, the MOVES road type distribution file is automatically generated by PPSUITE using defined equivalencies. The off-network road type includes emissions from vehicle starts, extended idle activity, and evaporative emissions. Off-network activity in MOVES is primarily determined by the Source Type Population input. The remaining distribution among road types is determined by equating the functional class with each MOVES road type as follows:

- MOVES Road Type (2) = SHA Functional Class (1)
- MOVES Road Type (3) = SHA Functional Class (2,6,7,8,9)
- MOVES Road Type (4) = SHA Functional Class (11,12)
- MOVES Road Type (5) = SHA Functional Class (14,16,17,19)

*Ramp Fractions:* Since ramps are not directly represented within the SHA database information, it is assumed that 8% of the Freeway VHT is ramp VHT. This is consistent with national default values within MOVES and recommendations provided in EPA's technical guidance.

### ***MOVES Runs:***

After computing speeds and aggregating VMT and VHT, PPSUITE prepares traffic-related inputs needed to run EPA's MOVES2010a software. Additional required MOVES inputs are prepared external to the processing software and include temperatures, I/M program parameters, fuel characteristics, vehicle fleet age distributions and source type population.

The MOVES county importer is run in batch mode. This program converts all data files into the MYSQL formats used by the MOVES model. At that point a MOVES run specification file (\*.mrs) is created which specifies options and key data locations for the run. MOVES is then executed in batch mode.

MOVES can be executed using either the *inventory* or *rate-based* approaches. For this highway emissions inventory, MOVES is applied using the *inventory-based* approach. Under this method, actual VMT and population are provided as inputs to the model; MOVES is responsible for producing the total emissions for the region. Under the rate-based approach, MOVES would produce emission factors, after which PPSUITE would apply the emission factors to the link data and calculate total regional emissions.

Appendix B and C provide a summary of the 13 MOVES CDM input files as well as the MOVES run specification file.

## RESOURCES

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### **MOVES model**

Modeling Page within EPA's Office of Mobile Sources Website (<http://www.epa.gov/omswww/models.htm>) contains a downloadable model, MOVES users guide and other information.

*Policy Guidance on the Use of MOVES2010 and Subsequent Minor Revisions for SIP Development, Transportation Conformity, and Other Purposes*, US EPA Office of Air and Radiation, EPA-420-B-12-010, April 2012.

*Using MOVES to prepare Emission Inventories in State Implementation Plans and Transportation Conformity: Technical Guidance for MOVES2010, 2010a and 2010b*. US EPA Office of Air and Radiation, and Office of Transportation and Air Quality, EPA-420-B-12-028, April 2012.

*Motor Vehicle Emission Simulator, User Guide for MOVES2010a*, EPA-420-B-10-036, August 2010.

### **Traffic Engineering**

*Highway Capacity Manual*, Transportation Research Board, presents current knowledge and techniques for analyzing the transportation system.

*Traffic Trends System Report Module, 2011 Data*, State Highway Administration

# Highway Vehicle Inventory Glossary

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*AADT*: Average Annual Daily Traffic, average of ALL days.

*County Data Manager (CDM)*: User interface developed to simplify importing specific local data for a single county or a user-defined custom domain without requiring direct interaction with the underlying MySQL database.

*Emission rate or factor*: Expresses the amount of pollution emitted per unit of activity. For highway vehicles, usually in grams of pollutant emitted per mile driven.

*FC*: Functional code, applied in data management to road segments to identify their type (freeway, local, etc.).

*Growth factor*: Factor used to convert volumes to future years.

*HPMS*: Highway Performance Monitoring System, MDOT's official source of highway information and a subset of SHA.

*I/M*: Vehicle emissions inspection/maintenance programs ensure that vehicle emission controls are in good working order throughout the life of the vehicle. The programs require vehicles to be tested for emissions. Most vehicles that do not pass must be repaired.

*MOVES*: The latest model EPA has developed with which Maryland uses to estimate emissions from highway vehicles.

*Pattern data*: Extrapolations of traffic patterns (such as how traffic volume on road segment types varies by time of day, or what kinds of vehicles tend to use a road segment type) from segments with observed data to similar segments.

*PPSUITE*: Post-Processor for Air Quality, a set of programs that estimate speeds and processes MOBILE emission rates.

*Road Type*: Functional code, applied in data management to road segments to identify their type (rural/urban highways, rural/urban arterials, etc.)

*Source Type*: One of thirteen vehicle types used in MOVES modeling.

*UR*: Urban/rural code, applied in data management to identify whether a road segment is urban, small urban or rural.

*VHT*: Vehicle hours traveled.

*VMT*: Vehicle miles traveled. In modeling terms, it is the simulated traffic volumes times link length.



# **APPENDIX A**

## **Baltimore Area Emission Summary Tables**

### **Appendix A1** **2002 Annual Emissions**

*Emission Summary*  
*Emission Summary by Road Type*  
*Emission Summary by Source Type*  
*Emission Summary by Process*

### **Appendix A2** **2007 Annual Emissions**

*Emission Summary*  
*Emission Summary by Road Type*  
*Emission Summary by Source Type*  
*Emission Summary by Process*

### **Appendix A3** **2017 Annual Emissions**

*Emission Summary*  
*Emission Summary by Road Type*  
*Emission Summary by Source Type*  
*Emission Summary by Process*

### **Appendix A4** **2025 Annual Emissions**

*Emission Summary*  
*Emission Summary by Road Type*  
*Emission Summary by Source Type*  
*Emission Summary by Process*

**Appendix A1**  
**2002 Baltimore Area Emission Summary**  
**Annual (Tons/Year)**

<b>County</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Anne Arundel	5,440,520,945	16,601.53	521.17	455.52	322.77
Baltimore	7,801,050,015	25,148.65	774.04	664.47	455.06
Carroll	1,256,025,206	4,160.47	120.41	105.11	71.00
Harford	2,233,012,915	7,433.09	219.19	192.20	129.43
Howard	3,442,042,065	10,762.42	315.88	283.32	207.10
Baltimore City	3,726,934,898	11,953.86	394.17	324.90	216.73
<i>Baltimore Metropolitan Area</i>	<i>23,899,586,044</i>	<i>76,060.01</i>	<i>2,344.86</i>	<i>2,025.51</i>	<i>1,402.09</i>

**Appendix A1**  
**2002 Baltimore Area Emission Summary by Road Type**  
**Annual (Tons/Year)**

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Anne Arundel	Off-Network	-	2,388.55	49.94	17.71	0.01
	Rural Restricted Access	412,034,270	1,345.15	41.10	38.19	25.05
	Rural Unrestricted Access	644,957,741	1,659.40	53.61	50.44	36.11
	Urban Restricted Access	2,244,839,070	5,603.67	167.25	163.23	134.95
	Urban Unrestricted Access	2,138,689,864	5,604.76	209.27	185.96	126.65
	<b>Total</b>	<b>5,440,520,945</b>	<b>16,601.53</b>	<b>521.17</b>	<b>455.52</b>	<b>322.77</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Baltimore	Off-Network	-	3,242.61	68.72	24.52	0.01
	Rural Restricted Access	441,054,075	1,504.91	43.24	40.78	27.15
	Rural Unrestricted Access	678,015,617	1,841.04	60.51	54.28	37.28
	Urban Restricted Access	3,757,086,153	10,744.08	322.81	299.13	223.80
	Urban Unrestricted Access	2,924,894,169	7,816.01	278.77	245.76	166.82
	<b>Total</b>	<b>7,801,050,015</b>	<b>25,148.65</b>	<b>774.04</b>	<b>664.47</b>	<b>455.06</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Carroll	Off-Network	-	746.10	15.22	5.28	0.00
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	943,029,158	2,570.87	77.68	74.26	52.96
	Urban Restricted Access	36,003,389	112.51	3.08	3.04	2.25
	Urban Unrestricted Access	276,992,658	730.98	24.42	22.52	15.79
	<b>Total</b>	<b>1,256,025,206</b>	<b>4,160.47</b>	<b>120.41</b>	<b>105.11</b>	<b>71.00</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Harford	Off-Network	-	1,022.02	21.19	7.53	0.00
	Rural Restricted Access	526,025,440	1,812.43	51.89	49.13	32.36
	Rural Unrestricted Access	728,016,333	1,990.83	62.69	57.91	40.52
	Urban Restricted Access	258,982,950	723.01	20.50	19.87	15.83
	Urban Unrestricted Access	719,988,192	1,884.80	62.92	57.76	40.72
	<b>Total</b>	<b>2,233,012,915</b>	<b>7,433.09</b>	<b>219.19</b>	<b>192.20</b>	<b>129.43</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Howard	Off-Network	-	1,202.83	25.33	9.20	0.00
	Rural Restricted Access	301,043,599	1,032.57	29.57	27.95	18.61
	Rural Unrestricted Access	359,009,508	956.43	29.40	27.70	20.13
	Urban Restricted Access	1,878,003,842	5,086.86	143.57	139.88	113.74
	Urban Unrestricted Access	903,985,115	2,483.73	88.01	78.59	54.61
	<b>Total</b>	<b>3,442,042,065</b>	<b>10,762.42</b>	<b>315.88</b>	<b>283.32</b>	<b>207.10</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Baltimore City	Off-Network	-	1,775.70	37.77	13.45	0.01
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	10,001,800	28.60	1.04	0.86	0.54
	Urban Restricted Access	1,166,969,586	3,277.03	106.08	92.95	68.09
	Urban Unrestricted Access	2,549,963,512	6,872.54	249.28	217.64	148.10
	<b>Total</b>	<b>3,726,934,898</b>	<b>11,953.86</b>	<b>394.17</b>	<b>324.90</b>	<b>216.73</b>

**Appendix A1**  
**2002 Baltimore Area Emission Summary by Source Type**  
**Annual (Tons/Year)**

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Motorcycle	31,073,692	0.6%	50.39	0.3%	1.57	0.3%	1.26	0.3%	0.73	0.2%
	Passenger Car	2,765,668,484	50.8%	4,203.65	25.3%	93.71	18.0%	115.71	25.4%	171.26	53.1%
	Passenger Truck	1,779,817,573	32.7%	3,938.01	23.7%	78.42	15.0%	105.52	23.2%	109.47	33.9%
	Light Commercial Truck	590,319,573	10.9%	1,605.66	9.7%	49.75	9.5%	45.70	10.0%	33.35	10.3%
	Intercity Bus	5,478,459	0.1%	163.42	1.0%	8.84	1.7%	3.80	0.8%	0.14	0.0%
	Transit Bus	2,013,872	0.0%	45.14	0.3%	2.01	0.4%	0.95	0.2%	0.04	0.0%
	School Bus	6,345,136	0.1%	81.14	0.5%	4.13	0.8%	2.08	0.5%	0.15	0.0%
	Refuse Truck	2,138,627	0.0%	48.59	0.3%	2.09	0.4%	1.38	0.3%	0.06	0.0%
	Single Unit Short-haul Truck	59,336,811	1.1%	601.21	3.6%	26.34	5.1%	17.96	3.9%	1.87	0.6%
	Single Unit Long-haul Truck	4,301,967	0.1%	41.19	0.2%	1.89	0.4%	1.23	0.3%	0.14	0.0%
	Motor Home	2,761,238	0.1%	24.78	0.1%	0.72	0.1%	0.52	0.1%	0.11	0.0%
	Combination Short-haul Truck	102,239,492	1.9%	2,812.53	16.9%	122.79	23.6%	80.93	17.8%	2.89	0.9%
	Combination Long-haul Truck	89,026,020	1.6%	2,985.82	18.0%	128.91	24.7%	78.47	17.2%	2.57	0.8%
		<b>Total</b>	<b>5,440,520,945</b>	<b>100.0%</b>	<b>16,601.53</b>	<b>100.0%</b>	<b>521.17</b>	<b>100.0%</b>	<b>455.52</b>	<b>100.0%</b>	<b>322.77</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Motorcycle	44,235,235	0.6%	70.89	0.3%	2.28	0.3%	1.78	0.3%	1.02	0.2%
	Passenger Car	4,185,633,141	53.7%	6,728.46	26.8%	141.56	18.3%	173.08	26.0%	255.31	56.1%
	Passenger Truck	2,357,835,512	30.2%	5,561.08	22.1%	103.20	13.3%	138.03	20.8%	142.87	31.4%
	Light Commercial Truck	782,041,179	10.0%	2,203.91	8.8%	64.80	8.4%	59.74	9.0%	43.52	9.6%
	Intercity Bus	8,560,291	0.1%	253.41	1.0%	13.76	1.8%	5.89	0.9%	0.22	0.0%
	Transit Bus	3,131,776	0.0%	70.32	0.3%	3.16	0.4%	1.50	0.2%	0.06	0.0%
	School Bus	9,874,658	0.1%	126.71	0.5%	6.48	0.8%	3.27	0.5%	0.23	0.1%
	Refuse Truck	3,364,783	0.0%	75.72	0.3%	3.26	0.4%	2.15	0.3%	0.09	0.0%
	Single Unit Short-haul Truck	93,586,605	1.2%	924.77	3.7%	40.39	5.2%	27.93	4.2%	2.89	0.6%
	Single Unit Long-haul Truck	6,785,109	0.1%	63.57	0.3%	2.91	0.4%	1.91	0.3%	0.21	0.0%
	Motor Home	4,356,185	0.1%	38.53	0.2%	1.11	0.1%	0.81	0.1%	0.16	0.0%
	Combination Short-haul Truck	161,242,601	2.1%	4,393.01	17.5%	190.91	24.7%	126.29	19.0%	4.49	1.0%
	Combination Long-haul Truck	140,402,941	1.8%	4,638.27	18.4%	200.23	25.9%	122.09	18.4%	3.99	0.9%
	<b>Total</b>		<b>7,801,050,015</b>	<b>100.0%</b>	<b>25,148.65</b>	<b>100.0%</b>	<b>774.04</b>	<b>100.0%</b>	<b>664.47</b>	<b>100.0%</b>	<b>455.06</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Motorcycle	6,231,052	0.5%	10.34	0.2%	0.25	0.2%	0.25	0.2%	0.14	0.2%
	Passenger Car	571,349,018	45.5%	953.82	22.9%	18.02	15.0%	23.11	22.0%	33.64	47.4%
	Passenger Truck	459,374,146	36.6%	1,144.92	27.5%	18.59	15.4%	26.31	25.0%	27.07	38.1%
	Light Commercial Truck	152,367,495	12.1%	451.82	10.9%	12.21	10.1%	11.49	10.9%	8.27	11.7%
	Intercity Bus	1,876,944	0.1%	51.87	1.2%	2.79	2.3%	1.21	1.2%	0.05	0.1%
	Transit Bus	691,820	0.1%	13.73	0.3%	0.65	0.5%	0.29	0.3%	0.01	0.0%
	School Bus	2,181,008	0.2%	25.57	0.6%	1.29	1.1%	0.65	0.6%	0.04	0.1%
	Refuse Truck	506,083	0.0%	10.71	0.3%	0.47	0.4%	0.31	0.3%	0.01	0.0%
	Single Unit Short-haul Truck	14,152,219	1.1%	141.75	3.4%	6.07	5.0%	4.03	3.8%	0.44	0.6%
	Single Unit Long-haul Truck	1,027,023	0.1%	9.46	0.2%	0.43	0.4%	0.27	0.3%	0.03	0.0%
	Motor Home	658,624	0.1%	5.79	0.1%	0.17	0.1%	0.11	0.1%	0.02	0.0%
	Combination Short-haul Truck	24,387,259	1.9%	650.93	15.6%	29.01	24.1%	18.85	17.9%	0.68	1.0%
	Combination Long-haul Truck	21,222,516	1.7%	689.75	16.6%	30.46	25.3%	18.24	17.3%	0.60	0.8%
	<b>Total</b>		<b>1,256,025,206</b>	<b>100.0%</b>	<b>4,160.47</b>	<b>100.0%</b>	<b>120.41</b>	<b>100.0%</b>	<b>105.11</b>	<b>100.0%</b>	<b>71.00</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Motorcycle	11,829,853	0.5%	19.80	0.3%	0.55	0.2%	0.48	0.2%	0.28	0.2%
	Passenger Car	1,080,458,431	48.4%	1,735.68	23.4%	33.98	15.5%	43.28	22.5%	65.45	50.6%
	Passenger Truck	759,163,082	34.0%	1,819.58	24.5%	30.94	14.1%	43.35	22.6%	45.99	35.5%
	Light Commercial Truck	251,790,733	11.3%	714.14	9.6%	19.79	9.0%	18.84	9.8%	14.04	10.9%
	Intercity Bus	2,996,323	0.1%	86.23	1.2%	4.56	2.1%	1.99	1.0%	0.08	0.1%
	Transit Bus	1,108,245	0.0%	23.71	0.3%	1.08	0.5%	0.51	0.3%	0.02	0.0%
	School Bus	3,469,295	0.2%	43.42	0.6%	2.13	1.0%	1.10	0.6%	0.07	0.1%
	Refuse Truck	1,002,493	0.0%	22.27	0.3%	0.92	0.4%	0.63	0.3%	0.03	0.0%
	Single Unit Short-haul Truck	27,912,878	1.3%	268.40	3.6%	11.36	5.2%	7.92	4.1%	0.84	0.6%
	Single Unit Long-haul Truck	2,022,521	0.1%	18.15	0.2%	0.81	0.4%	0.54	0.3%	0.06	0.0%
	Motor Home	1,298,739	0.1%	11.41	0.2%	0.32	0.1%	0.23	0.1%	0.05	0.0%
	Combination Short-haul Truck	48,095,077	2.2%	1,305.02	17.6%	55.02	25.1%	37.36	19.4%	1.33	1.0%
	Combination Long-haul Truck	41,865,245	1.9%	1,365.27	18.4%	57.73	26.3%	35.96	18.7%	1.18	0.9%
<b>Total</b>		<b>2,233,012,915</b>	<b>100.0%</b>	<b>7,433.09</b>	<b>100.0%</b>	<b>219.19</b>	<b>100.0%</b>	<b>192.20</b>	<b>100.0%</b>	<b>129.43</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Motorcycle	19,619,428	0.6%	33.35	0.3%	1.04	0.3%	0.81	0.3%	0.49	0.2%
	Passenger Car	1,859,198,000	54.0%	2,869.97	26.7%	59.41	18.8%	74.63	26.3%	116.55	56.3%
	Passenger Truck	1,035,058,018	30.1%	2,430.02	22.6%	44.01	13.9%	59.74	21.1%	64.95	31.4%
	Light Commercial Truck	343,309,772	10.0%	952.62	8.9%	27.34	8.7%	25.82	9.1%	19.74	9.5%
	Intercity Bus	3,570,381	0.1%	105.56	1.0%	5.42	1.7%	2.42	0.9%	0.09	0.0%
	Transit Bus	1,312,911	0.0%	30.34	0.3%	1.32	0.4%	0.65	0.2%	0.03	0.0%
	School Bus	4,132,091	0.1%	54.00	0.5%	2.70	0.9%	1.39	0.5%	0.10	0.0%
	Refuse Truck	1,450,264	0.0%	32.73	0.3%	1.32	0.4%	0.92	0.3%	0.04	0.0%
	Single Unit Short-haul Truck	40,157,792	1.2%	382.29	3.6%	16.47	5.2%	11.53	4.1%	1.25	0.6%
	Single Unit Long-haul Truck	2,910,631	0.1%	26.22	0.2%	1.19	0.4%	0.79	0.3%	0.09	0.0%
	Motor Home	1,869,846	0.1%	16.44	0.2%	0.47	0.1%	0.34	0.1%	0.07	0.0%
	Combination Short-haul Truck	69,203,330	2.0%	1,870.37	17.4%	75.77	24.0%	53.11	18.7%	1.96	0.9%
	Combination Long-haul Truck	60,249,600	1.8%	1,958.49	18.2%	79.44	25.2%	51.17	18.1%	1.75	0.8%
<b>Total</b>		<b>3,442,042,065</b>	<b>100.0%</b>	<b>10,762.42</b>	<b>100.0%</b>	<b>315.88</b>	<b>100.0%</b>	<b>283.32</b>	<b>100.0%</b>	<b>207.10</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Motorcycle	21,301,724	0.6%	29.80	0.2%	1.03	0.3%	0.83	0.3%	0.43	0.2%
	Passenger Car	2,171,776,843	58.3%	3,623.47	30.3%	77.01	19.5%	97.82	30.1%	132.26	61.0%
	Passenger Truck	1,017,129,646	27.3%	2,497.35	20.9%	48.40	12.3%	64.14	19.7%	60.38	27.9%
	Light Commercial Truck	337,353,309	9.1%	1,025.36	8.6%	31.72	8.0%	27.82	8.6%	18.48	8.5%
	Intercity Bus	3,625,671	0.1%	113.92	1.0%	6.80	1.7%	2.71	0.8%	0.10	0.0%
	Transit Bus	1,224,893	0.0%	29.27	0.2%	1.35	0.3%	0.61	0.2%	0.03	0.0%
	School Bus	4,195,328	0.1%	54.23	0.5%	2.86	0.7%	1.40	0.4%	0.10	0.0%
	Refuse Truck	1,393,932	0.0%	33.05	0.3%	1.63	0.4%	0.97	0.3%	0.04	0.0%
	Single Unit Short-haul Truck	38,910,140	1.0%	441.11	3.7%	20.01	5.1%	13.27	4.1%	1.23	0.6%
	Single Unit Long-haul Truck	2,819,365	0.1%	30.39	0.3%	1.42	0.4%	0.91	0.3%	0.09	0.0%
	Motor Home	1,810,425	0.0%	16.88	0.1%	0.50	0.1%	0.37	0.1%	0.07	0.0%
	Combination Short-haul Truck	67,035,297	1.8%	1,945.50	16.3%	98.19	24.9%	57.62	17.7%	1.88	0.9%
	Combination Long-haul Truck	58,358,325	1.6%	2,113.54	17.7%	103.26	26.2%	56.43	17.4%	1.66	0.8%
	<b>Total</b>	<b>3,726,934,898</b>	<b>100.0%</b>	<b>11,953.86</b>	<b>100.0%</b>	<b>394.17</b>	<b>100.0%</b>	<b>324.90</b>	<b>100.0%</b>	<b>216.73</b>	<b>100.0%</b>

**Appendix A1**  
**2002 Baltimore Area Emission Summary by Process**  
**Annual (Tons/Year)**

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Running Exhaust	14,209.45	85.6%	381.37	73.2%	402.15	88.3%	322.76	100.0%
	Start Exhaust	2,048.67	12.3%	41.73	8.0%	12.51	2.7%	0.00	0.0%
	Brakewear	0.00	0.0%	26.09	5.0%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	9.01	1.7%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	3.53	0.0%	54.76	10.5%	35.67	7.8%	0.00	0.0%
	Crankcase Start Exhaust	0.07	0.0%	0.90	0.2%	0.30	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.17	0.0%	1.22	0.2%	0.82	0.2%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	339.65	2.0%	6.09	1.2%	4.08	0.9%	0.01	0.0%
	<b>Total</b>		<b>16,601.53</b>	<b>100.0%</b>	<b>521.17</b>	<b>100.0%</b>	<b>455.52</b>	<b>100.0%</b>	<b>322.77</b>



County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Running Exhaust	21,900.60	87.1%	572.53	74.0%	585.55	88.1%	455.05	100.0%
	Start Exhaust	2,738.16	10.9%	56.68	7.3%	16.87	2.5%	0.00	0.0%
	Brakewear	0.00	0.0%	36.30	4.7%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	13.00	1.7%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	5.44	0.0%	83.49	10.8%	54.40	8.2%	0.00	0.0%
	Crankcase Start Exhaust	0.09	0.0%	1.19	0.2%	0.38	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.25	0.0%	1.81	0.2%	1.21	0.2%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	504.10	2.0%	9.04	1.2%	6.06	0.9%	0.01	0.0%
<b>Total</b>		<b>25,148.65</b>	<b>100.0%</b>	<b>774.04</b>	<b>100.0%</b>	<b>664.47</b>	<b>100.0%</b>	<b>455.06</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Running Exhaust	3,413.53	82.0%	84.50	70.2%	91.45	87.0%	71.00	100.0%
	Start Exhaust	668.80	16.1%	13.25	11.0%	4.05	3.8%	0.00	0.0%
	Brakewear	0.00	0.0%	5.52	4.6%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	2.14	1.8%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.83	0.0%	13.03	10.8%	8.38	8.0%	0.00	0.0%
	Crankcase Start Exhaust	0.02	0.0%	0.30	0.3%	0.12	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.04	0.0%	0.28	0.2%	0.19	0.2%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	77.24	1.9%	1.39	1.2%	0.93	0.9%	0.00	0.0%
<b>Total</b>		<b>4,160.47</b>	<b>100.0%</b>	<b>120.41</b>	<b>100.0%</b>	<b>105.11</b>	<b>100.0%</b>	<b>71.00</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Running Exhaust	6,409.45	86.2%	161.27	73.6%	168.52	87.7%	129.43	100.0%
	Start Exhaust	883.52	11.9%	17.81	8.1%	5.39	2.8%	0.00	0.0%
	Brakewear	0.00	0.0%	8.84	4.0%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	3.62	1.7%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	1.62	0.0%	24.27	11.1%	16.14	8.4%	0.00	0.0%
	Crankcase Start Exhaust	0.03	0.0%	0.39	0.2%	0.14	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.07	0.0%	0.50	0.2%	0.33	0.2%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	138.39	1.9%	2.49	1.1%	1.67	0.9%	0.00	0.0%
<b>Total</b>		<b>7,433.09</b>	<b>100.0%</b>	<b>219.19</b>	<b>100.0%</b>	<b>192.20</b>	<b>100.0%</b>	<b>129.43</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Running Exhaust	9,557.28	88.8%	239.24	75.7%	251.17	88.7%	207.09	100.0%
	Start Exhaust	1,002.55	9.3%	20.58	6.5%	6.17	2.2%	0.00	0.0%
	Brakewear	0.00	0.0%	12.46	3.9%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	5.29	1.7%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	2.31	0.0%	33.56	10.6%	22.95	8.1%	0.00	0.0%
	Crankcase Start Exhaust	0.03	0.0%	0.44	0.1%	0.15	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.10	0.0%	0.72	0.2%	0.48	0.2%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	200.14	1.9%	3.59	1.1%	2.41	0.8%	0.00	0.0%
<b>Total</b>		<b>10,762.42</b>	<b>100.0%</b>	<b>315.88</b>	<b>100.0%</b>	<b>283.32</b>	<b>100.0%</b>	<b>207.10</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Running Exhaust	10,175.71	85.1%	280.01	71.0%	286.38	88.1%	216.73	100.0%
	Start Exhaust	1,494.75	12.5%	31.09	7.9%	9.21	2.8%	0.00	0.0%
	Brakewear	0.00	0.0%	27.08	6.9%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	7.11	1.8%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	2.46	0.0%	42.21	10.7%	25.07	7.7%	0.00	0.0%
	Crankcase Start Exhaust	0.05	0.0%	0.64	0.2%	0.19	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.14	0.0%	1.01	0.3%	0.67	0.2%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	280.76	2.3%	5.03	1.3%	3.37	1.0%	0.01	0.0%
	<b>Total</b>	<b>11,953.86</b>	<b>100.0%</b>	<b>394.17</b>	<b>100.0%</b>	<b>324.90</b>	<b>100.0%</b>	<b>216.73</b>	<b>100.0%</b>

**Appendix A2**  
**2007 Baltimore Area Emission Summary**  
**Annual (Tons/Year)**

<b>County</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Anne Arundel	5,785,515,339	11,318.93	406.08	89.95	243.14
Baltimore	8,261,132,705	16,194.40	593.34	125.05	341.88
Carroll	1,295,994,583	2,681.91	92.43	20.35	51.86
Harford	2,362,027,061	4,765.34	163.92	35.49	96.93
Howard	3,814,996,957	7,147.00	253.12	56.53	162.47
Baltimore City	3,626,042,612	7,032.53	280.40	57.97	150.09
<i>Baltimore Metropolitan Area</i>	<i>25,145,709,257</i>	<i>49,140.12</i>	<i>1,789.28</i>	<i>385.34</i>	<i>1,046.37</i>

**Appendix A2**  
**2007 Baltimore Area Emission Summary by Road Type**  
**Annual (Tons/Year)**

<b>Area</b>	<b>Road Type</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Anne Arundel	Off-Network	-	2,214.30	43.94	4.48	0.00
	Rural Restricted Access	342,038,955	663.57	23.29	4.64	14.74
	Rural Unrestricted Access	465,983,250	721.01	27.40	6.31	18.42
	Urban Restricted Access	2,440,793,367	3,652.98	128.17	32.40	103.51
	Urban Unrestricted Access	2,536,699,766	4,067.06	183.27	42.12	106.46
	<b>Total</b>	<b>5,785,515,339</b>	<b>11,318.93</b>	<b>406.08</b>	<b>89.95</b>	<b>243.14</b>

<b>Area</b>	<b>Road Type</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Baltimore	Off-Network	-	2,946.63	59.19	5.91	0.00
	Rural Restricted Access	436,034,288	844.77	29.00	5.87	19.03
	Rural Unrestricted Access	549,023,293	856.04	34.94	7.52	21.38
	Urban Restricted Access	3,963,215,732	6,437.83	237.35	52.80	167.23
	Urban Unrestricted Access	3,312,859,392	5,109.14	232.87	52.95	134.24
	<b>Total</b>	<b>8,261,132,705</b>	<b>16,194.40</b>	<b>593.34</b>	<b>125.05</b>	<b>341.88</b>

<b>Area</b>	<b>Road Type</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Carroll	Off-Network	-	678.52	13.26	1.41	0.00
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	583,017,455	916.45	34.19	7.99	23.05
	Urban Restricted Access	37,004,651	65.32	2.16	0.51	1.63
	Urban Unrestricted Access	675,972,477	1,021.62	42.81	10.44	27.18
	<b>Total</b>	<b>1,295,994,583</b>	<b>2,681.91</b>	<b>92.43</b>	<b>20.35</b>	<b>51.86</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Harford	Off-Network	-	957.64	18.91	1.95	0.00
	Rural Restricted Access	461,086,172	898.57	30.69	6.29	20.08
	Rural Unrestricted Access	590,994,274	915.92	35.47	8.07	23.21
	Urban Restricted Access	413,000,834	666.75	23.35	5.59	17.77
	Urban Unrestricted Access	896,945,782	1,326.46	55.50	13.59	35.87
	<b>Total</b>	<b>2,362,027,061</b>	<b>4,765.34</b>	<b>163.92</b>	<b>35.49</b>	<b>96.93</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Howard	Off-Network	-	1,112.95	22.15	2.17	0.00
	Rural Restricted Access	256,031,282	500.58	17.11	3.45	11.23
	Rural Unrestricted Access	372,010,972	566.87	21.58	4.98	14.75
	Urban Restricted Access	2,065,957,778	3,156.76	109.68	27.14	88.46
	Urban Unrestricted Access	1,120,996,926	1,809.86	82.59	18.79	48.04
	<b>Total</b>	<b>3,814,996,957</b>	<b>7,147.00</b>	<b>253.12</b>	<b>56.53</b>	<b>162.47</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Baltimore City	Off-Network	-	1,316.19	26.87	2.61	0.00
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	1,999,088	3.35	0.15	0.03	0.08
	Urban Restricted Access	1,201,018,996	1,935.02	77.30	15.96	49.78
	Urban Unrestricted Access	2,423,024,528	3,777.97	176.08	39.37	100.23
	<b>Total</b>	<b>3,626,042,612</b>	<b>7,032.53</b>	<b>280.40</b>	<b>57.97</b>	<b>150.09</b>

**Appendix A2**  
**2007 Baltimore Area Emission Summary by Source Type**  
**Annual (Tons/Year)**

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Motorcycle	33,012,219	0.6%	33.32	0.3%	1.77	0.4%	0.43	0.5%	1.22	0.5%
	Passenger Car	2,945,392,727	50.9%	2,660.28	23.5%	80.97	19.9%	39.06	43.4%	130.05	53.5%
	Passenger Truck	1,891,920,938	32.7%	2,758.41	24.4%	65.38	16.1%	34.55	38.4%	78.52	32.3%
	Light Commercial Truck	628,799,356	10.9%	1,278.23	11.3%	39.95	9.8%	10.53	11.7%	25.05	10.3%
	Intercity Bus	6,702,549	0.1%	145.10	1.3%	7.65	1.9%	0.11	0.1%	0.18	0.1%
	Transit Bus	2,311,026	0.0%	36.06	0.3%	1.66	0.4%	0.03	0.0%	0.05	0.0%
	School Bus	5,649,732	0.1%	54.37	0.5%	2.95	0.7%	0.06	0.1%	0.13	0.1%
	Refuse Truck	1,908,157	0.0%	25.87	0.2%	1.33	0.3%	0.03	0.0%	0.05	0.0%
	Single Unit Short-haul Truck	60,696,398	1.0%	447.96	4.0%	19.41	4.8%	1.10	1.2%	1.88	0.8%
	Single Unit Long-haul Truck	6,202,102	0.1%	44.10	0.4%	1.99	0.5%	0.11	0.1%	0.19	0.1%
	Motor Home	2,877,192	0.0%	21.05	0.2%	0.62	0.2%	0.08	0.1%	0.11	0.0%
	Combination Short-haul Truck	96,427,198	1.7%	1,552.80	13.7%	78.38	19.3%	1.76	2.0%	2.73	1.1%
	Combination Long-haul Truck	103,615,746	1.8%	2,261.38	20.0%	104.01	25.6%	2.10	2.3%	2.99	1.2%
<b>Total</b>		<b>5,785,515,339</b>	<b>100.0%</b>	<b>11,318.93</b>	<b>100.0%</b>	<b>406.08</b>	<b>100.0%</b>	<b>89.95</b>	<b>100.0%</b>	<b>243.14</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Motorcycle	46,575,506	0.6%	46.65	0.3%	2.55	0.4%	0.60	0.5%	1.70	0.5%
	Passenger Car	4,435,784,990	53.7%	3,917.55	24.2%	120.25	20.3%	57.74	46.2%	192.73	56.4%
	Passenger Truck	2,495,553,336	30.2%	3,532.68	21.8%	85.06	14.3%	44.73	35.8%	102.02	29.8%
	Light Commercial Truck	829,432,930	10.0%	1,629.06	10.1%	51.27	8.6%	13.61	10.9%	32.53	9.5%
	Intercity Bus	9,268,800	0.1%	198.05	1.2%	10.45	1.8%	0.15	0.1%	0.24	0.1%
	Transit Bus	3,169,146	0.0%	49.35	0.3%	2.29	0.4%	0.04	0.0%	0.06	0.0%
	School Bus	10,805,116	0.1%	103.73	0.6%	5.63	0.9%	0.12	0.1%	0.24	0.1%
	Refuse Truck	3,012,877	0.0%	40.07	0.2%	2.05	0.3%	0.05	0.0%	0.08	0.0%
	Single Unit Short-haul Truck	96,184,181	1.2%	680.64	4.2%	29.49	5.0%	1.70	1.4%	2.91	0.9%
	Single Unit Long-haul Truck	9,824,584	0.1%	67.27	0.4%	3.03	0.5%	0.17	0.1%	0.30	0.1%
	Motor Home	4,559,337	0.1%	32.50	0.2%	0.94	0.2%	0.13	0.1%	0.16	0.0%
	Combination Short-haul Truck	152,782,229	1.8%	2,416.14	14.9%	120.58	20.3%	2.75	2.2%	4.25	1.2%
	Combination Long-haul Truck	164,179,674	2.0%	3,480.72	21.5%	159.75	26.9%	3.27	2.6%	4.65	1.4%
<b>Total</b>		<b>8,261,132,705</b>	<b>100.0%</b>	<b>16,194.40</b>	<b>100.0%</b>	<b>593.34</b>	<b>100.0%</b>	<b>125.05</b>	<b>100.0%</b>	<b>341.88</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Motorcycle	6,623,002	0.5%	6.63	0.2%	0.29	0.3%	0.09	0.4%	0.23	0.4%
	Passenger Car	592,809,891	45.7%	572.41	21.3%	15.95	17.3%	7.84	38.5%	25.01	48.2%
	Passenger Truck	474,267,480	36.6%	740.04	27.6%	15.53	16.8%	8.59	42.2%	18.78	36.2%
	Light Commercial Truck	157,630,005	12.2%	340.79	12.7%	9.89	10.7%	2.64	13.0%	6.03	11.6%
	Intercity Bus	770,731	0.1%	15.75	0.6%	0.84	0.9%	0.01	0.1%	0.02	0.0%
	Transit Bus	262,178	0.0%	3.65	0.1%	0.18	0.2%	0.00	0.0%	0.00	0.0%
	School Bus	3,427,483	0.3%	29.60	1.1%	1.64	1.8%	0.03	0.2%	0.07	0.1%
	Refuse Truck	422,365	0.0%	5.57	0.2%	0.30	0.3%	0.01	0.0%	0.01	0.0%
	Single Unit Short-haul Truck	13,448,465	1.0%	106.22	4.0%	4.41	4.8%	0.24	1.2%	0.41	0.8%
	Single Unit Long-haul Truck	1,374,274	0.1%	10.17	0.4%	0.44	0.5%	0.02	0.1%	0.04	0.1%
	Motor Home	637,191	0.0%	4.81	0.2%	0.14	0.2%	0.02	0.1%	0.02	0.0%
	Combination Short-haul Truck	21,356,392	1.6%	343.03	12.8%	18.37	19.9%	0.39	1.9%	0.59	1.1%
	Combination Long-haul Truck	22,965,125	1.8%	503.23	18.8%	24.43	26.4%	0.47	2.3%	0.65	1.2%
<b>Total</b>		<b>1,295,994,583</b>	<b>100.0%</b>	<b>2,681.91</b>	<b>100.0%</b>	<b>92.43</b>	<b>100.0%</b>	<b>20.35</b>	<b>100.0%</b>	<b>51.86</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Motorcycle	12,423,742	0.5%	13.04	0.3%	0.62	0.4%	0.16	0.5%	0.47	0.5%
	Passenger Car	1,146,576,386	48.5%	1,034.84	21.7%	29.40	17.9%	14.55	41.0%	49.44	51.0%
	Passenger Truck	802,902,423	34.0%	1,174.57	24.6%	25.47	15.5%	14.10	39.7%	32.80	33.8%
	Light Commercial Truck	266,848,342	11.3%	532.11	11.2%	15.73	9.6%	4.30	12.1%	10.49	10.8%
	Intercity Bus	1,030,118	0.0%	21.33	0.4%	1.08	0.7%	0.02	0.0%	0.03	0.0%
	Transit Bus	372,468	0.0%	5.54	0.1%	0.26	0.2%	0.00	0.0%	0.01	0.0%
	School Bus	6,629,522	0.3%	60.36	1.3%	3.21	2.0%	0.07	0.2%	0.13	0.1%
	Refuse Truck	874,189	0.0%	11.46	0.2%	0.56	0.3%	0.01	0.0%	0.02	0.0%
	Single Unit Short-haul Truck	27,983,248	1.2%	196.19	4.1%	8.15	5.0%	0.48	1.3%	0.83	0.9%
	Single Unit Long-haul Truck	2,857,035	0.1%	19.09	0.4%	0.83	0.5%	0.05	0.1%	0.08	0.1%
	Motor Home	1,326,023	0.1%	9.49	0.2%	0.27	0.2%	0.04	0.1%	0.05	0.0%
	Combination Short-haul Truck	44,442,210	1.9%	696.59	14.6%	33.70	20.6%	0.79	2.2%	1.23	1.3%
	Combination Long-haul Truck	47,761,356	2.0%	990.72	20.8%	44.63	27.2%	0.94	2.6%	1.35	1.4%
<b>Total</b>		<b>2,362,027,061</b>	<b>100.0%</b>	<b>4,765.34</b>	<b>100.0%</b>	<b>163.92</b>	<b>100.0%</b>	<b>35.49</b>	<b>100.0%</b>	<b>96.93</b>	<b>100.0%</b>



County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Motorcycle	21,561,295	0.6%	22.78	0.3%	1.20	0.5%	0.29	0.5%	0.85	0.5%
	Passenger Car	2,064,188,463	54.1%	1,722.12	24.1%	52.09	20.6%	26.20	46.4%	91.95	56.6%
	Passenger Truck	1,146,615,419	30.1%	1,566.78	21.9%	37.00	14.6%	20.24	35.8%	48.42	29.8%
	Light Commercial Truck	381,083,323	10.0%	717.72	10.0%	22.55	8.9%	6.14	10.9%	15.42	9.5%
	Intercity Bus	5,865,809	0.2%	125.32	1.8%	6.25	2.5%	0.09	0.2%	0.15	0.1%
	Transit Bus	2,027,375	0.1%	32.25	0.5%	1.44	0.6%	0.02	0.0%	0.04	0.0%
	School Bus	2,245,296	0.1%	21.50	0.3%	1.14	0.5%	0.02	0.0%	0.05	0.0%
	Refuse Truck	1,339,846	0.0%	17.77	0.2%	0.86	0.3%	0.02	0.0%	0.04	0.0%
	Single Unit Short-haul Truck	42,760,574	1.1%	292.98	4.1%	12.61	5.0%	0.74	1.3%	1.31	0.8%
	Single Unit Long-haul Truck	4,369,359	0.1%	28.98	0.4%	1.30	0.5%	0.07	0.1%	0.13	0.1%
	Motor Home	2,025,881	0.1%	14.26	0.2%	0.41	0.2%	0.06	0.1%	0.07	0.0%
	Combination Short-haul Truck	67,923,674	1.8%	1,063.62	14.9%	50.04	19.8%	1.20	2.1%	1.92	1.2%
	Combination Long-haul Truck	72,990,643	1.9%	1,520.92	21.3%	66.23	26.2%	1.43	2.5%	2.11	1.3%
<b>Total</b>		<b>3,814,996,957</b>	<b>100.0%</b>	<b>7,147.00</b>	<b>100.0%</b>	<b>253.12</b>	<b>100.0%</b>	<b>56.53</b>	<b>100.0%</b>	<b>162.47</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Motorcycle	20,874,079	0.6%	18.43	0.3%	1.08	0.4%	0.26	0.5%	0.67	0.4%
	Passenger Car	2,111,918,959	58.2%	1,903.63	27.1%	60.96	21.7%	29.59	51.0%	91.89	61.2%
	Passenger Truck	989,119,317	27.3%	1,395.09	19.8%	36.06	12.9%	18.82	32.5%	39.77	26.5%
	Light Commercial Truck	328,744,254	9.1%	675.35	9.6%	22.39	8.0%	5.75	9.9%	12.73	8.5%
	Intercity Bus	6,240,113	0.2%	142.39	2.0%	8.28	3.0%	0.11	0.2%	0.17	0.1%
	Transit Bus	2,138,266	0.1%	34.47	0.5%	1.64	0.6%	0.02	0.0%	0.04	0.0%
	School Bus	343,864	0.0%	4.45	0.1%	0.22	0.1%	0.00	0.0%	0.01	0.0%
	Refuse Truck	1,175,072	0.0%	16.63	0.2%	0.96	0.3%	0.02	0.0%	0.03	0.0%
	Single Unit Short-haul Truck	37,227,725	1.0%	291.59	4.1%	13.26	4.7%	0.72	1.2%	1.15	0.8%
	Single Unit Long-haul Truck	3,800,292	0.1%	28.90	0.4%	1.35	0.5%	0.07	0.1%	0.12	0.1%
	Motor Home	1,764,303	0.0%	13.07	0.2%	0.40	0.1%	0.05	0.1%	0.06	0.0%
	Combination Short-haul Truck	59,137,771	1.6%	1,005.59	14.3%	57.36	20.5%	1.16	2.0%	1.65	1.1%
	Combination Long-haul Truck	63,558,596	1.8%	1,502.94	21.4%	76.44	27.3%	1.39	2.4%	1.80	1.2%
<b>Total</b>		<b>3,626,042,612</b>	<b>100.0%</b>	<b>7,032.53</b>	<b>100.0%</b>	<b>280.40</b>	<b>100.0%</b>	<b>57.97</b>	<b>100.0%</b>	<b>150.09</b>	<b>100.0%</b>

**Appendix A2**  
**2007 Baltimore Area Emission Summary by Process**  
**Annual (Tons/Year)**

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Running Exhaust	9,102.28	80.4%	283.40	69.8%	83.99	93.4%	243.13	100.0%
	Start Exhaust	1,786.47	15.8%	36.55	9.0%	4.31	4.8%	0.00	0.0%
	Brakewear	0.00	0.0%	29.39	7.2%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	9.71	2.4%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	2.35	0.0%	39.64	9.8%	1.48	1.6%	0.00	0.0%
	Crankcase Start Exhaust	0.07	0.0%	0.73	0.2%	0.04	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.21	0.0%	1.11	0.3%	0.02	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	427.55	3.8%	5.55	1.4%	0.11	0.1%	0.00	0.0%
<b>Total</b>		<b>11,318.93</b>	<b>100.0%</b>	<b>406.08</b>	<b>100.0%</b>	<b>89.95</b>	<b>100.0%</b>	<b>243.14</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Running Exhaust	13,244.21	81.8%	421.04	71.0%	116.97	93.5%	341.88	100.0%
	Start Exhaust	2,320.96	14.3%	48.50	8.2%	5.67	4.5%	0.00	0.0%
	Brakewear	0.00	0.0%	39.55	6.7%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	13.85	2.3%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	3.56	0.0%	59.71	10.1%	2.17	1.7%	0.00	0.0%
	Crankcase Start Exhaust	0.09	0.0%	0.94	0.2%	0.05	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.31	0.0%	1.62	0.3%	0.03	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	625.27	3.9%	8.12	1.4%	0.16	0.1%	0.00	0.0%
<b>Total</b>		<b>16,194.40</b>	<b>100.0%</b>	<b>593.34</b>	<b>100.0%</b>	<b>125.05</b>	<b>100.0%</b>	<b>341.88</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Running Exhaust	2,002.87	74.7%	60.52	65.5%	18.62	91.5%	51.86	100.0%
	Start Exhaust	580.45	21.6%	11.49	12.4%	1.37	6.7%	0.00	0.0%
	Brakewear	0.00	0.0%	7.15	7.7%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	2.31	2.5%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.52	0.0%	9.19	9.9%	0.33	1.6%	0.00	0.0%
	Crankcase Start Exhaust	0.03	0.0%	0.24	0.3%	0.01	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.05	0.0%	0.26	0.3%	0.01	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	98.00	3.7%	1.28	1.4%	0.03	0.1%	0.00	0.0%
<b>Total</b>		<b>2,681.91</b>	<b>100.0%</b>	<b>92.43</b>	<b>100.0%</b>	<b>20.35</b>	<b>100.0%</b>	<b>51.86</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Running Exhaust	3,806.68	79.9%	114.78	70.0%	32.92	92.8%	96.93	100.0%
	Start Exhaust	789.92	16.6%	15.97	9.7%	1.89	5.3%	0.00	0.0%
	Brakewear	0.00	0.0%	9.67	5.9%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	3.83	2.3%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	1.02	0.0%	16.72	10.2%	0.62	1.7%	0.00	0.0%
	Crankcase Start Exhaust	0.03	0.0%	0.33	0.2%	0.02	0.1%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.08	0.0%	0.44	0.3%	0.01	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	167.61	3.5%	2.18	1.3%	0.04	0.1%	0.00	0.0%
<b>Total</b>		<b>4,765.34</b>	<b>100.0%</b>	<b>163.92</b>	<b>100.0%</b>	<b>35.49</b>	<b>100.0%</b>	<b>96.93</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Running Exhaust	6,032.47	84.4%	184.81	73.0%	53.39	94.4%	162.47	100.0%
	Start Exhaust	848.76	11.9%	17.69	7.0%	2.07	3.7%	0.00	0.0%
	Brakewear	0.00	0.0%	14.84	5.9%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	5.96	2.4%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	1.58	0.0%	25.35	10.0%	0.97	1.7%	0.00	0.0%
	Crankcase Start Exhaust	0.03	0.0%	0.34	0.1%	0.02	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.13	0.0%	0.69	0.3%	0.01	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	264.02	3.7%	3.43	1.4%	0.07	0.1%	0.00	0.0%
<b>Total</b>		<b>7,147.00</b>	<b>100.0%</b>	<b>253.12</b>	<b>100.0%</b>	<b>56.53</b>	<b>100.0%</b>	<b>162.47</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Running Exhaust	5,714.81	81.3%	192.65	68.7%	54.40	93.8%	150.09	100.0%
	Start Exhaust	1,000.59	14.2%	21.56	7.7%	2.49	4.3%	0.00	0.0%
	Brakewear	0.00	0.0%	25.88	9.2%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	6.88	2.5%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	1.53	0.0%	28.12	10.0%	0.96	1.7%	0.00	0.0%
	Crankcase Start Exhaust	0.04	0.0%	0.41	0.1%	0.02	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.16	0.0%	0.82	0.3%	0.02	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	315.40	4.5%	4.09	1.5%	0.08	0.1%	0.00	0.0%
<b>Total</b>		<b>7,032.53</b>	<b>100.0%</b>	<b>280.40</b>	<b>100.0%</b>	<b>57.97</b>	<b>100.0%</b>	<b>150.09</b>	<b>100.0%</b>

**Appendix A3**  
**2017 Baltimore Area Emission Summary**  
**Annual (Tons/Year)**

<b>County</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Anne Arundel	6,983,411,737	5,760.52	233.55	55.49	187.93
Baltimore	9,699,195,900	7,990.63	323.09	75.02	254.21
Carroll	1,565,683,241	1,368.18	53.99	12.42	40.21
Harford	2,843,996,638	2,378.05	89.80	21.46	73.99
Howard	5,140,681,964	4,105.58	164.26	39.99	140.60
Baltimore City	4,024,005,110	3,307.04	145.62	32.47	103.49
<b><i>Baltimore Metropolitan Area</i></b>	<b><i>30,256,974,590</i></b>	<b><i>24,910.01</i></b>	<b><i>1,010.31</i></b>	<b><i>236.87</i></b>	<b><i>800.43</i></b>

**Appendix A3**  
**2017 Baltimore Area Emission Summary by Road Type**  
**Annual (Tons/Year)**

County	Road Type	VMT	NOX	PM2.5	SO2	NH3
Anne Arundel	Off-Network	-	1,628.14	26.33	2.31	0.00
	Rural Restricted Access	399,139,321	293.75	11.15	2.79	11.03
	Rural Unrestricted Access	538,063,438	307.65	13.92	3.66	13.35
	Urban Restricted Access	3,004,586,388	1,701.27	72.11	20.14	79.90
	Urban Unrestricted Access	3,041,622,591	1,829.71	110.05	26.59	83.66
	<b>Total</b>	<b>6,983,411,737</b>	<b>5,760.52</b>	<b>233.55</b>	<b>55.49</b>	<b>187.93</b>

County	Road Type	VMT	NOX	PM2.5	SO2	NH3
Baltimore	Off-Network	-	2,128.68	33.10	2.88	0.00
	Rural Restricted Access	513,345,645	381.34	13.89	3.59	14.38
	Rural Unrestricted Access	638,762,734	371.44	18.03	4.44	15.59
	Urban Restricted Access	4,635,379,013	2,864.18	124.19	31.82	123.19
	Urban Unrestricted Access	3,911,708,507	2,244.99	133.89	32.29	101.04
	<b>Total</b>	<b>9,699,195,900</b>	<b>7,990.63</b>	<b>323.09</b>	<b>75.02</b>	<b>254.21</b>

County	Road Type	VMT	NOX	PM2.5	SO2	NH3
Carroll	Off-Network	-	463.60	8.13	0.73	0.00
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	683,897,655	394.65	17.74	4.65	17.01
	Urban Restricted Access	48,236,256	31.94	1.17	0.34	1.36
	Urban Unrestricted Access	833,549,331	477.99	26.95	6.71	21.84
	<b>Total</b>	<b>1,565,683,241</b>	<b>1,368.18</b>	<b>53.99</b>	<b>12.42</b>	<b>40.21</b>

County	Road Type	VMT	NOX	PM2.5	SO2	NH3
Harford	Off-Network	-	667.48	11.18	0.99	0.00
	Rural Restricted Access	559,051,745	412.25	15.10	3.90	15.59
	Rural Unrestricted Access	689,342,051	395.70	18.27	4.72	17.01
	Urban Restricted Access	501,472,371	305.28	12.29	3.42	13.66
	Urban Unrestricted Access	1,094,130,472	597.34	32.96	8.44	27.73
	<b>Total</b>	<b>2,843,996,638</b>	<b>2,378.05</b>	<b>89.80</b>	<b>21.46</b>	<b>73.99</b>

<b>County</b>	<b>Road Type</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Howard	Off-Network	-	996.17	14.40	1.24	0.00
	Rural Restricted Access	348,300,176	259.48	9.42	2.44	9.79
	Rural Unrestricted Access	489,513,629	282.54	13.60	3.41	12.04
	Urban Restricted Access	2,787,915,932	1,615.35	68.14	18.77	74.42
	Urban Unrestricted Access	1,514,952,228	952.05	58.70	14.13	44.35
	<b>Total</b>	<b>5,140,681,964</b>	<b>4,105.58</b>	<b>164.26</b>	<b>39.99</b>	<b>140.60</b>

<b>County</b>	<b>Road Type</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Baltimore City	Off-Network	-	924.41	14.18	1.22	0.00
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	2,283,223	1.41	0.08	0.02	0.05
	Urban Restricted Access	1,348,511,543	830.31	37.93	9.23	35.16
	Urban Unrestricted Access	2,673,210,344	1,550.91	93.44	22.01	68.27
	<b>Total</b>	<b>4,024,005,110</b>	<b>3,307.04</b>	<b>145.62</b>	<b>32.47</b>	<b>103.49</b>

**Appendix A3**  
**2017 Baltimore Area Emission Summary by Source Type**  
**Annual (Tons/Year)**

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Motorcycle	35,557,630	0.5%	26.79	0.5%	1.83	0.8%	0.26	0.5%	1.90	1.0%
	Passenger Car	3,777,618,584	54.1%	1,287.68	22.4%	69.68	29.8%	25.96	46.8%	98.07	52.2%
	Passenger Truck	1,977,165,576	28.3%	1,177.51	20.4%	50.68	21.7%	17.77	32.0%	53.78	28.6%
	Light Commercial Truck	655,910,810	9.4%	579.61	10.1%	20.23	8.7%	5.58	10.1%	18.28	9.7%
	Intercity Bus	1,503,581	0.0%	10.76	0.2%	0.62	0.3%	0.02	0.0%	0.04	0.0%
	Transit Bus	2,720,254	0.0%	12.63	0.2%	0.61	0.3%	0.02	0.0%	0.06	0.0%
	School Bus	14,181,502	0.2%	39.13	0.7%	1.93	0.8%	0.08	0.1%	0.32	0.2%
	Refuse Truck	2,141,760	0.0%	7.46	0.1%	0.35	0.2%	0.02	0.0%	0.06	0.0%
	Single Unit Short-haul Truck	177,713,020	2.5%	498.97	8.7%	15.86	6.8%	1.79	3.2%	5.52	2.9%
	Single Unit Long-haul Truck	23,537,735	0.3%	67.79	1.2%	2.32	1.0%	0.23	0.4%	0.73	0.4%
	Motor Home	3,105,655	0.0%	12.34	0.2%	0.30	0.1%	0.04	0.1%	0.11	0.1%
	Combination Short-haul Truck	134,568,691	1.9%	527.88	9.2%	24.81	10.6%	1.50	2.7%	3.86	2.1%
	Combination Long-haul Truck	177,686,940	2.5%	1,511.98	26.2%	44.32	19.0%	2.22	4.0%	5.19	2.8%
<b>Total</b>		<b>6,983,411,737</b>	<b>100.0%</b>	<b>5,760.52</b>	<b>100.0%</b>	<b>233.55</b>	<b>100.0%</b>	<b>55.49</b>	<b>100.0%</b>	<b>187.93</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Motorcycle	48,711,232	0.5%	36.20	0.5%	2.50	0.8%	0.35	0.5%	2.56	1.0%
	Passenger Car	5,201,511,216	53.6%	1,721.59	21.5%	93.21	28.9%	34.68	46.2%	131.37	51.7%
	Passenger Truck	2,733,875,892	28.2%	1,532.73	19.2%	67.20	20.8%	23.76	31.7%	72.41	28.5%
	Light Commercial Truck	891,681,990	9.2%	740.52	9.3%	26.18	8.1%	7.33	9.8%	24.16	9.5%
	Intercity Bus	2,938,097	0.0%	20.57	0.3%	1.19	0.4%	0.03	0.0%	0.08	0.0%
	Transit Bus	6,810,166	0.1%	31.38	0.4%	1.53	0.5%	0.05	0.1%	0.14	0.1%
	School Bus	18,826,155	0.2%	52.29	0.7%	2.54	0.8%	0.11	0.1%	0.42	0.2%
	Refuse Truck	3,298,681	0.0%	11.20	0.1%	0.52	0.2%	0.03	0.0%	0.09	0.0%
	Single Unit Short-haul Truck	274,630,940	2.8%	753.21	9.4%	23.15	7.2%	2.71	3.6%	8.29	3.3%
	Single Unit Long-haul Truck	36,379,812	0.4%	102.35	1.3%	3.40	1.1%	0.34	0.5%	1.10	0.4%
	Motor Home	2,089,490	0.0%	8.19	0.1%	0.19	0.1%	0.03	0.0%	0.07	0.0%
	Combination Short-haul Truck	206,187,300	2.1%	788.74	9.9%	36.40	11.3%	2.26	3.0%	5.77	2.3%
	Combination Long-haul Truck	272,254,930	2.8%	2,191.66	27.4%	65.08	20.1%	3.33	4.4%	7.75	3.1%
<b>Total</b>		<b>9,699,195,900</b>	<b>100.0%</b>	<b>7,990.63</b>	<b>100.0%</b>	<b>323.09</b>	<b>100.0%</b>	<b>75.02</b>	<b>100.0%</b>	<b>254.21</b>	<b>100.0%</b>



County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Motorcycle	7,176,769	0.5%	5.41	0.4%	0.30	0.6%	0.05	0.4%	0.35	0.9%
	Passenger Car	847,275,120	54.1%	299.37	21.9%	15.29	28.3%	5.77	46.5%	20.98	52.2%
	Passenger Truck	434,307,556	27.7%	294.61	21.5%	11.41	21.1%	3.93	31.6%	11.23	27.9%
	Light Commercial Truck	156,260,310	10.0%	155.88	11.4%	5.04	9.3%	1.35	10.8%	4.17	10.4%
	Intercity Bus	333,466	0.0%	2.30	0.2%	0.14	0.3%	0.00	0.0%	0.01	0.0%
	Transit Bus	507,482	0.0%	2.09	0.2%	0.11	0.2%	0.00	0.0%	0.01	0.0%
	School Bus	4,173,789	0.3%	10.65	0.8%	0.55	1.0%	0.02	0.2%	0.08	0.2%
	Refuse Truck	933,206	0.1%	3.22	0.2%	0.16	0.3%	0.01	0.1%	0.03	0.1%
	Single Unit Short-haul Truck	38,708,229	2.5%	105.73	7.7%	3.52	6.5%	0.38	3.0%	1.18	2.9%
	Single Unit Long-haul Truck	5,126,133	0.3%	14.27	1.0%	0.51	0.9%	0.05	0.4%	0.16	0.4%
	Motor Home	1,268,228	0.1%	4.74	0.3%	0.12	0.2%	0.02	0.1%	0.04	0.1%
	Combination Short-haul Truck	30,000,812	1.9%	119.40	8.7%	6.04	11.2%	0.34	2.7%	0.84	2.1%
	Combination Long-haul Truck	39,612,142	2.5%	350.50	25.6%	10.80	20.0%	0.50	4.1%	1.13	2.8%
<b>Total</b>		<b>1,565,683,241</b>	<b>100.0%</b>	<b>1,368.18</b>	<b>100.0%</b>	<b>53.99</b>	<b>100.0%</b>	<b>12.42</b>	<b>100.0%</b>	<b>40.21</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Motorcycle	13,319,827	0.5%	10.43	0.4%	0.63	0.7%	0.10	0.5%	0.72	1.0%
	Passenger Car	1,520,677,100	53.5%	511.07	21.5%	25.36	28.2%	9.81	45.7%	38.05	51.4%
	Passenger Truck	797,768,200	28.1%	483.48	20.3%	18.54	20.6%	6.82	31.8%	21.07	28.5%
	Light Commercial Truck	262,174,040	9.2%	229.14	9.6%	7.37	8.2%	2.12	9.9%	7.10	9.6%
	Intercity Bus	961,453	0.0%	6.52	0.3%	0.36	0.4%	0.01	0.0%	0.02	0.0%
	Transit Bus	1,406,904	0.0%	6.18	0.3%	0.30	0.3%	0.01	0.0%	0.03	0.0%
	School Bus	7,075,653	0.2%	18.94	0.8%	0.88	1.0%	0.04	0.2%	0.14	0.2%
	Refuse Truck	928,071	0.0%	3.08	0.1%	0.14	0.2%	0.01	0.0%	0.02	0.0%
	Single Unit Short-haul Truck	82,589,790	2.9%	214.76	9.0%	6.33	7.1%	0.77	3.6%	2.41	3.3%
	Single Unit Long-haul Truck	10,943,048	0.4%	29.00	1.2%	0.93	1.0%	0.10	0.4%	0.32	0.4%
	Motor Home	1,319,035	0.0%	4.98	0.2%	0.11	0.1%	0.02	0.1%	0.04	0.1%
	Combination Short-haul Truck	62,419,318	2.2%	234.24	9.9%	10.34	11.5%	0.68	3.2%	1.73	2.3%
	Combination Long-haul Truck	82,414,200	2.9%	626.24	26.3%	18.51	20.6%	0.99	4.6%	2.33	3.2%
<b>Total</b>		<b>2,843,996,638</b>	<b>100.0%</b>	<b>2,378.05</b>	<b>100.0%</b>	<b>89.80</b>	<b>100.0%</b>	<b>21.46</b>	<b>100.0%</b>	<b>73.99</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Motorcycle	26,281,931	0.5%	20.36	0.5%	1.41	0.9%	0.19	0.5%	1.49	1.1%
	Passenger Car	2,764,682,200	53.8%	871.69	21.2%	48.05	29.3%	18.56	46.4%	72.78	51.8%
	Passenger Truck	1,446,919,732	28.1%	790.94	19.3%	34.48	21.0%	12.70	31.8%	40.17	28.6%
	Light Commercial Truck	480,119,940	9.3%	389.25	9.5%	13.76	8.4%	3.98	9.9%	13.64	9.7%
	Intercity Bus	914,213	0.0%	6.45	0.2%	0.36	0.2%	0.01	0.0%	0.02	0.0%
	Transit Bus	2,293,332	0.0%	10.98	0.3%	0.51	0.3%	0.02	0.0%	0.05	0.0%
	School Bus	10,558,116	0.2%	29.81	0.7%	1.41	0.9%	0.06	0.2%	0.25	0.2%
	Refuse Truck	1,405,136	0.0%	4.78	0.1%	0.21	0.1%	0.01	0.0%	0.04	0.0%
	Single Unit Short-haul Truck	141,682,120	2.8%	389.93	9.5%	11.93	7.3%	1.40	3.5%	4.38	3.1%
	Single Unit Long-haul Truck	18,774,429	0.4%	53.00	1.3%	1.76	1.1%	0.18	0.4%	0.58	0.4%
	Motor Home	912,311	0.0%	3.62	0.1%	0.09	0.1%	0.01	0.0%	0.03	0.0%
	Combination Short-haul Truck	106,078,334	2.1%	405.51	9.9%	18.06	11.0%	1.16	2.9%	3.05	2.2%
	Combination Long-haul Truck	140,060,170	2.7%	1,129.25	27.5%	32.23	19.6%	1.70	4.3%	4.11	2.9%
	<b>Total</b>	<b>5,140,681,964</b>	<b>100.0%</b>	<b>4,105.58</b>	<b>100.0%</b>	<b>164.26</b>	<b>100.0%</b>	<b>39.99</b>	<b>100.0%</b>	<b>140.60</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Motorcycle	20,659,601	0.5%	13.60	0.4%	0.99	0.7%	0.14	0.4%	0.95	0.9%
	Passenger Car	2,181,732,712	54.2%	745.37	22.5%	42.64	29.3%	15.33	47.2%	54.47	52.6%
	Passenger Truck	1,143,170,430	28.4%	612.63	18.5%	30.01	20.6%	10.27	31.6%	29.44	28.4%
	Light Commercial Truck	377,541,473	9.4%	313.22	9.5%	11.95	8.2%	3.22	9.9%	9.97	9.6%
	Intercity Bus	1,940,493	0.0%	14.46	0.4%	0.92	0.6%	0.02	0.1%	0.05	0.0%
	Transit Bus	7,437,767	0.2%	34.71	1.0%	1.75	1.2%	0.05	0.2%	0.15	0.1%
	School Bus	872,846	0.0%	2.88	0.1%	0.13	0.1%	0.01	0.0%	0.02	0.0%
	Refuse Truck	3,369,376	0.1%	12.18	0.4%	0.64	0.4%	0.04	0.1%	0.09	0.1%
	Single Unit Short-haul Truck	99,075,445	2.5%	289.65	8.8%	9.73	6.7%	1.05	3.2%	3.03	2.9%
	Single Unit Long-haul Truck	13,121,510	0.3%	39.35	1.2%	1.41	1.0%	0.13	0.4%	0.40	0.4%
	Motor Home	131,340	0.0%	0.53	0.0%	0.01	0.0%	0.00	0.0%	0.00	0.0%
	Combination Short-haul Truck	75,384,362	1.9%	309.91	9.4%	16.28	11.2%	0.89	2.7%	2.10	2.0%
	Combination Long-haul Truck	99,567,756	2.5%	918.56	27.8%	29.16	20.0%	1.31	4.0%	2.80	2.7%
	<b>Total</b>	<b>4,024,005,110</b>	<b>100.0%</b>	<b>3,307.04</b>	<b>100.0%</b>	<b>145.62</b>	<b>100.0%</b>	<b>32.47</b>	<b>100.0%</b>	<b>103.49</b>	<b>100.0%</b>

**Appendix A3**  
**2017 Baltimore Area Emission Summary by Process**  
**Annual (Tons/Year)**

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Running Exhaust	4,131.75	71.7%	141.44	60.6%	52.59	94.8%	187.93	100.0%
	Start Exhaust	921.06	16.0%	23.02	9.9%	2.15	3.9%	0.00	0.0%
	Brakewear	0.00	0.0%	41.25	17.7%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	12.39	5.3%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.64	0.0%	12.15	5.2%	0.59	1.1%	0.00	0.0%
	Crankcase Start Exhaust	0.03	0.0%	0.28	0.1%	0.02	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.08	0.0%	0.36	0.2%	0.01	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	706.97	12.3%	2.67	1.1%	0.14	0.2%	0.00	0.0%
	<b>Total</b>	<b>5,760.52</b>	<b>100.0%</b>	<b>233.55</b>	<b>100.0%</b>	<b>55.49</b>	<b>100.0%</b>	<b>187.93</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Running Exhaust	5,861.02	73.3%	201.22	62.3%	71.32	95.1%	254.21	100.0%
	Start Exhaust	1,140.78	14.3%	28.51	8.8%	2.66	3.5%	0.00	0.0%
	Brakewear	0.00	0.0%	53.65	16.6%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	17.19	5.3%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.94	0.0%	17.93	5.6%	0.82	1.1%	0.00	0.0%
	Crankcase Start Exhaust	0.04	0.0%	0.35	0.1%	0.02	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.11	0.0%	0.50	0.2%	0.01	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	987.75	12.4%	3.73	1.2%	0.19	0.3%	0.00	0.0%
	<b>Total</b>	<b>7,990.63</b>	<b>100.0%</b>	<b>323.09</b>	<b>100.0%</b>	<b>75.02</b>	<b>100.0%</b>	<b>254.21</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Running Exhaust	904.44	66.1%	29.77	55.1%	11.56	93.1%	40.21	100.0%
	Start Exhaust	295.15	21.6%	7.32	13.5%	0.69	5.5%	0.00	0.0%
	Brakewear	0.00	0.0%	10.24	19.0%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	2.98	5.5%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.14	0.0%	2.87	5.3%	0.13	1.1%	0.00	0.0%
	Crankcase Start Exhaust	0.01	0.0%	0.09	0.2%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.02	0.0%	0.09	0.2%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	168.42	12.3%	0.64	1.2%	0.03	0.3%	0.00	0.0%
	<b>Total</b>		<b>1,368.18</b>	<b>100.0%</b>	<b>53.99</b>	<b>100.0%</b>	<b>12.42</b>	<b>100.0%</b>	<b>40.21</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Running Exhaust	1,710.29	71.9%	55.70	62.0%	20.24	94.3%	73.99	100.0%
	Start Exhaust	398.98	16.8%	9.90	11.0%	0.93	4.3%	0.00	0.0%
	Brakewear	0.00	0.0%	12.96	14.4%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	4.84	5.4%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.27	0.0%	5.13	5.7%	0.24	1.1%	0.00	0.0%
	Crankcase Start Exhaust	0.01	0.0%	0.12	0.1%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.03	0.0%	0.14	0.2%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	268.46	11.3%	1.02	1.1%	0.05	0.2%	0.00	0.0%
	<b>Total</b>		<b>2,378.05</b>	<b>100.0%</b>	<b>89.80</b>	<b>100.0%</b>	<b>21.46</b>	<b>100.0%</b>	<b>73.99</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Running Exhaust	3,108.93	75.7%	106.00	64.5%	38.32	95.8%	140.60	100.0%
	Start Exhaust	485.21	11.8%	12.05	7.3%	1.12	2.8%	0.00	0.0%
	Brakewear	0.00	0.0%	26.22	16.0%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	8.67	5.3%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.48	0.0%	8.96	5.5%	0.44	1.1%	0.00	0.0%
	Crankcase Start Exhaust	0.02	0.0%	0.15	0.1%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.06	0.0%	0.26	0.2%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	510.88	12.4%	1.93	1.2%	0.10	0.2%	0.00	0.0%
	<b>Total</b>	<b>4,105.58</b>	<b>100.0%</b>	<b>164.26</b>	<b>100.0%</b>	<b>39.99</b>	<b>100.0%</b>	<b>140.60</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Running Exhaust	2,382.25	72.0%	84.97	58.3%	30.90	95.2%	103.49	100.0%
	Start Exhaust	478.79	14.5%	12.13	8.3%	1.13	3.5%	0.00	0.0%
	Brakewear	0.00	0.0%	30.71	21.1%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	7.90	5.4%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.38	0.0%	7.86	5.4%	0.35	1.1%	0.00	0.0%
	Crankcase Start Exhaust	0.02	0.0%	0.14	0.1%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.05	0.0%	0.23	0.2%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	445.55	13.5%	1.68	1.2%	0.09	0.3%	0.00	0.0%
	<b>Total</b>	<b>3,307.04</b>	<b>100.0%</b>	<b>145.62</b>	<b>100.0%</b>	<b>32.47</b>	<b>100.0%</b>	<b>103.49</b>	<b>100.0%</b>

**Appendix A4**  
**2025 Baltimore Area Emission Summary**  
**Annual (Tons/Year)**

<b>County</b>	<b>VMT</b>	<b>NOX</b>	<b>PM2.5</b>	<b>SO2</b>	<b>NH3</b>
Anne Arundel	7,619,850,404	4,267.05	189.30	55.89	194.56
Baltimore	10,146,999,503	5,585.84	240.04	71.45	249.44
Carroll	1,715,255,647	1,014.74	44.02	12.59	42.01
Harford	3,020,269,319	1,658.47	66.18	20.57	73.34
Howard	5,880,894,232	3,279.20	144.16	43.33	152.80
Baltimore City	4,042,022,572	2,190.50	103.05	29.22	97.15
<i>Baltimore Metropolitan Area</i>	<i>32,425,291,677</i>	<i>17,995.80</i>	<i>786.75</i>	<i>233.06</i>	<i>809.30</i>

**Appendix A4**  
**2025 Baltimore Area Emission Summary by Road Type**  
**Annual (Tons/Year)**

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Anne Arundel	Off-Network	-	1,554.30	23.42	2.38	1.24
	Rural Restricted Access	435,535,822	186.91	7.39	2.73	10.93
	Rural Unrestricted Access	587,260,958	196.06	9.93	3.56	13.34
	Urban Restricted Access	3,278,335,114	1,116.27	54.06	19.79	79.54
	Urban Unrestricted Access	3,318,718,509	1,213.51	94.50	27.43	89.52
	<b>Total</b>	<b>7,619,850,404</b>	<b>4,267.05</b>	<b>189.30</b>	<b>55.89</b>	<b>194.56</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Baltimore	Off-Network	-	1,944.81	27.89	2.84	1.60
	Rural Restricted Access	537,069,820	232.60	8.33	3.34	13.81
	Rural Unrestricted Access	668,207,551	224.92	12.17	4.12	15.00
	Urban Restricted Access	4,849,477,095	1,790.18	86.48	30.14	118.26
	Urban Unrestricted Access	4,092,245,036	1,393.32	105.17	31.01	100.77
	<b>Total</b>	<b>10,146,999,503</b>	<b>5,585.84</b>	<b>240.04</b>	<b>71.45</b>	<b>249.44</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Carroll	Off-Network	-	419.91	7.38	0.75	0.29
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	749,237,182	252.67	12.59	4.54	17.14
	Urban Restricted Access	52,840,811	20.86	0.77	0.33	1.37
	Urban Unrestricted Access	913,177,654	321.30	23.28	6.98	23.20
	<b>Total</b>	<b>1,715,255,647</b>	<b>1,014.74</b>	<b>44.02</b>	<b>12.59</b>	<b>42.01</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Harford	Off-Network	-	587.40	9.70	0.99	0.43
	Rural Restricted Access	593,665,030	254.10	9.31	3.67	15.13
	Rural Unrestricted Access	732,147,751	244.77	12.50	4.45	16.61
	Urban Restricted Access	532,538,636	191.62	8.28	3.20	13.23
	Urban Unrestricted Access	1,161,917,903	380.58	26.40	8.26	27.95
	<b>Total</b>	<b>3,020,269,319</b>	<b>1,658.47</b>	<b>66.18</b>	<b>20.57</b>	<b>73.34</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Howard	Off-Network	-	1,112.23	13.28	1.36	1.03
	Rural Restricted Access	398,450,413	173.09	6.23	2.49	10.27
	Rural Unrestricted Access	559,959,850	191.85	10.84	3.57	12.78
	Urban Restricted Access	3,189,396,527	1,129.45	59.00	20.27	77.70
	Urban Unrestricted Access	1,733,087,442	672.58	54.81	15.64	51.02
	<b>Total</b>		<b>5,880,894,232</b>	<b>3,279.20</b>	<b>144.16</b>	<b>43.33</b>

Area	Road Type	VMT	NOX	PM2.5	SO2	NH3
Baltimore City	Off-Network	-	794.02	11.32	1.16	0.65
	Rural Restricted Access	0	0.00	0.00	0.00	0.00
	Rural Unrestricted Access	2,292,885	0.81	0.05	0.01	0.05
	Urban Restricted Access	1,354,535,814	492.50	24.01	8.24	32.52
	Urban Unrestricted Access	2,685,193,873	903.18	67.66	19.80	63.92
	<b>Total</b>		<b>4,042,022,572</b>	<b>2,190.50</b>	<b>103.05</b>	<b>29.22</b>



**Appendix A4**  
**2025 Baltimore Area Emission Summary by Source Type**  
**Annual (Tons/Year)**

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Motorcycle	38,977,750	0.5%	28.18	0.7%	2.03	1.1%	0.29	0.5%	2.20	1.1%
	Passenger Car	4,121,878,916	54.1%	883.13	20.7%	70.98	37.5%	26.35	47.1%	99.62	51.2%
	Passenger Truck	2,157,351,188	28.3%	824.65	19.3%	54.18	28.6%	17.19	30.8%	54.71	28.1%
	Light Commercial Truck	715,681,970	9.4%	429.40	10.1%	17.91	9.5%	5.49	9.8%	18.98	9.8%
	Intercity Bus	1,637,905	0.0%	5.40	0.1%	0.29	0.2%	0.02	0.0%	0.05	0.0%
	Transit Bus	2,949,863	0.0%	6.57	0.2%	0.24	0.1%	0.02	0.0%	0.07	0.0%
	School Bus	15,288,707	0.2%	19.18	0.4%	0.85	0.4%	0.09	0.2%	0.37	0.2%
	Refuse Truck	2,434,912	0.0%	4.65	0.1%	0.18	0.1%	0.03	0.0%	0.07	0.0%
	Single Unit Short-haul Truck	192,800,060	2.5%	391.60	9.2%	9.17	4.8%	2.02	3.6%	6.19	3.2%
	Single Unit Long-haul Truck	26,593,443	0.3%	53.46	1.3%	1.33	0.7%	0.26	0.5%	0.85	0.4%
	Motor Home	3,510,182	0.0%	10.34	0.2%	0.20	0.1%	0.05	0.1%	0.13	0.1%
	Combination Short-haul Truck	141,064,858	1.9%	284.08	6.7%	11.30	6.0%	1.58	2.8%	4.14	2.1%
	Combination Long-haul Truck	199,680,650	2.6%	1,326.41	31.1%	20.64	10.9%	2.51	4.5%	7.19	3.7%
	<b>Total</b>		<b>7,619,850,404</b>	<b>100.0%</b>	<b>4,267.05</b>	<b>100.0%</b>	<b>189.30</b>	<b>100.0%</b>	<b>55.89</b>	<b>100.0%</b>	<b>194.56</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Motorcycle	51,325,337	0.5%	36.60	0.7%	2.65	1.1%	0.37	0.5%	2.82	1.1%
	Passenger Car	5,441,706,676	53.6%	1,129.55	20.2%	89.09	37.1%	33.21	46.5%	126.32	50.6%
	Passenger Truck	2,860,118,804	28.2%	1,028.28	18.4%	67.74	28.2%	21.72	30.4%	69.80	28.0%
	Light Commercial Truck	932,858,630	9.2%	523.05	9.4%	21.88	9.1%	6.81	9.5%	23.75	9.5%
	Intercity Bus	2,981,826	0.0%	9.47	0.2%	0.49	0.2%	0.03	0.0%	0.08	0.0%
	Transit Bus	6,919,008	0.1%	15.19	0.3%	0.56	0.2%	0.05	0.1%	0.15	0.1%
	School Bus	19,127,567	0.2%	24.16	0.4%	1.02	0.4%	0.11	0.2%	0.44	0.2%
	Refuse Truck	3,586,304	0.0%	6.59	0.1%	0.25	0.1%	0.04	0.1%	0.10	0.0%
	Single Unit Short-haul Truck	285,904,130	2.8%	561.93	10.1%	12.16	5.1%	2.88	4.0%	8.78	3.5%
	Single Unit Long-haul Truck	39,420,483	0.4%	76.76	1.4%	1.77	0.7%	0.38	0.5%	1.21	0.5%
	Motor Home	2,264,528	0.0%	6.52	0.1%	0.12	0.0%	0.03	0.0%	0.08	0.0%
	Combination Short-haul Truck	207,264,500	2.0%	400.73	7.2%	14.94	6.2%	2.26	3.2%	5.87	2.4%
	Combination Long-haul Truck	293,521,710	2.9%	1,767.00	31.6%	27.40	11.4%	3.56	5.0%	10.05	4.0%
	<b>Total</b>		<b>10,146,999,503</b>	<b>100.0%</b>	<b>5,585.84</b>	<b>100.0%</b>	<b>240.04</b>	<b>100.0%</b>	<b>71.45</b>	<b>100.0%</b>	<b>249.44</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Motorcycle	8,209,148	0.5%	5.94	0.6%	0.35	0.8%	0.06	0.5%	0.42	1.0%
	Passenger Car	928,248,510	54.1%	209.32	20.6%	16.09	36.6%	5.90	46.8%	21.50	51.2%
	Passenger Truck	475,814,540	27.7%	203.94	20.1%	12.45	28.3%	3.83	30.4%	11.53	27.4%
	Light Commercial Truck	171,193,553	10.0%	115.23	11.4%	4.56	10.4%	1.34	10.6%	4.36	10.4%
	Intercity Bus	288,729	0.0%	0.93	0.1%	0.05	0.1%	0.00	0.0%	0.01	0.0%
	Transit Bus	507,000	0.0%	1.00	0.1%	0.04	0.1%	0.00	0.0%	0.01	0.0%
	School Bus	4,246,507	0.2%	5.06	0.5%	0.23	0.5%	0.02	0.2%	0.09	0.2%
	Refuse Truck	1,065,295	0.1%	2.04	0.2%	0.09	0.2%	0.01	0.1%	0.03	0.1%
	Single Unit Short-haul Truck	42,136,465	2.5%	82.40	8.1%	2.05	4.7%	0.42	3.4%	1.33	3.2%
	Single Unit Long-haul Truck	5,812,561	0.3%	11.17	1.1%	0.30	0.7%	0.05	0.4%	0.18	0.4%
	Motor Home	1,439,558	0.1%	3.98	0.4%	0.08	0.2%	0.02	0.1%	0.05	0.1%
	Combination Short-haul Truck	31,585,470	1.8%	64.84	6.4%	2.73	6.2%	0.36	2.9%	0.91	2.2%
	Combination Long-haul Truck	44,708,312	2.6%	308.90	30.4%	4.99	11.3%	0.57	4.5%	1.60	3.8%
<b>Total</b>		<b>1,715,255,647</b>	<b>100.0%</b>	<b>1,014.74</b>	<b>100.0%</b>	<b>44.02</b>	<b>100.0%</b>	<b>12.59</b>	<b>100.0%</b>	<b>42.01</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Motorcycle	14,447,132	0.5%	10.94	0.7%	0.69	1.0%	0.11	0.5%	0.82	1.1%
	Passenger Car	1,614,791,900	53.5%	343.30	20.7%	24.38	36.8%	9.46	46.0%	36.94	50.4%
	Passenger Truck	847,140,800	28.0%	326.35	19.7%	18.94	28.6%	6.27	30.5%	20.53	28.0%
	Light Commercial Truck	278,401,750	9.2%	163.55	9.9%	6.21	9.4%	1.99	9.7%	7.05	9.6%
	Intercity Bus	1,043,003	0.0%	3.16	0.2%	0.15	0.2%	0.01	0.0%	0.03	0.0%
	Transit Bus	1,482,629	0.0%	3.03	0.2%	0.11	0.2%	0.01	0.0%	0.03	0.0%
	School Bus	7,482,052	0.2%	8.96	0.5%	0.35	0.5%	0.04	0.2%	0.15	0.2%
	Refuse Truck	1,065,396	0.0%	1.88	0.1%	0.06	0.1%	0.01	0.1%	0.03	0.0%
	Single Unit Short-haul Truck	87,164,660	2.9%	161.90	9.8%	3.23	4.9%	0.82	4.0%	2.59	3.5%
	Single Unit Long-haul Truck	12,015,041	0.4%	22.03	1.3%	0.47	0.7%	0.11	0.5%	0.36	0.5%
	Motor Home	1,452,718	0.0%	4.00	0.2%	0.07	0.1%	0.02	0.1%	0.05	0.1%
	Combination Short-haul Truck	63,675,979	2.1%	118.52	7.1%	4.05	6.1%	0.68	3.3%	1.78	2.4%
	Combination Long-haul Truck	90,106,260	3.0%	490.87	29.6%	7.46	11.3%	1.06	5.2%	3.00	4.1%
<b>Total</b>		<b>3,020,269,319</b>	<b>100.0%</b>	<b>1,658.47</b>	<b>100.0%</b>	<b>66.18</b>	<b>100.0%</b>	<b>20.57</b>	<b>100.0%</b>	<b>73.34</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Motorcycle	30,266,501	0.5%	21.71	0.7%	1.59	1.1%	0.23	0.5%	1.76	1.2%
	Passenger Car	3,162,802,420	53.8%	613.76	18.7%	52.96	36.7%	20.27	46.8%	77.61	50.8%
	Passenger Truck	1,655,282,874	28.1%	586.91	17.9%	39.90	27.7%	13.17	30.4%	42.71	28.0%
	Light Commercial Truck	549,254,430	9.3%	308.12	9.4%	13.17	9.1%	4.20	9.7%	14.82	9.7%
	Intercity Bus	1,075,854	0.0%	3.58	0.1%	0.19	0.1%	0.01	0.0%	0.03	0.0%
	Transit Bus	2,588,862	0.0%	6.15	0.2%	0.23	0.2%	0.02	0.0%	0.06	0.0%
	School Bus	11,846,588	0.2%	15.97	0.5%	0.69	0.5%	0.07	0.2%	0.30	0.2%
	Refuse Truck	1,670,891	0.0%	3.21	0.1%	0.13	0.1%	0.02	0.0%	0.05	0.0%
	Single Unit Short-haul Truck	161,218,730	2.7%	331.23	10.1%	7.75	5.4%	1.71	3.9%	5.23	3.4%
	Single Unit Long-haul Truck	22,236,315	0.4%	45.26	1.4%	1.12	0.8%	0.22	0.5%	0.72	0.5%
	Motor Home	1,079,924	0.0%	3.24	0.1%	0.06	0.0%	0.02	0.0%	0.04	0.0%
	Combination Short-haul Truck	116,562,063	2.0%	235.63	7.2%	9.33	6.5%	1.31	3.0%	3.46	2.3%
	Combination Long-haul Truck	165,008,780	2.8%	1,104.43	33.7%	17.04	11.8%	2.08	4.8%	6.02	3.9%
	<b>Total</b>	<b>5,880,894,232</b>	<b>100.0%</b>	<b>3,279.20</b>	<b>100.0%</b>	<b>144.16</b>	<b>100.0%</b>	<b>43.33</b>	<b>100.0%</b>	<b>152.80</b>	<b>100.0%</b>

County	Sourcetype	VMT		NOX		PM2.5		SO2		NH3	
		Miles	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Motorcycle	20,834,484	0.5%	13.32	0.6%	1.01	1.0%	0.15	0.5%	1.01	1.0%
	Passenger Car	2,191,531,377	54.2%	467.42	21.3%	39.16	38.0%	13.88	47.5%	50.12	51.6%
	Passenger Truck	1,148,304,061	28.4%	391.79	17.9%	28.68	27.8%	8.89	30.4%	27.20	28.0%
	Light Commercial Truck	379,237,771	9.4%	208.56	9.5%	9.46	9.2%	2.83	9.7%	9.39	9.7%
	Intercity Bus	1,907,123	0.0%	6.46	0.3%	0.36	0.4%	0.02	0.1%	0.05	0.1%
	Transit Bus	7,280,842	0.2%	16.45	0.8%	0.62	0.6%	0.05	0.2%	0.15	0.2%
	School Bus	855,245	0.0%	1.51	0.1%	0.05	0.0%	0.01	0.0%	0.02	0.0%
	Refuse Truck	3,562,534	0.1%	6.91	0.3%	0.29	0.3%	0.04	0.1%	0.10	0.1%
	Single Unit Short-haul Truck	98,922,525	2.4%	200.48	9.2%	4.83	4.7%	1.05	3.6%	3.05	3.1%
	Single Unit Long-haul Truck	13,641,133	0.3%	27.26	1.2%	0.70	0.7%	0.14	0.5%	0.42	0.4%
	Motor Home	137,513	0.0%	0.40	0.0%	0.01	0.0%	0.00	0.0%	0.00	0.0%
	Combination Short-haul Truck	72,780,075	1.8%	149.86	6.8%	6.32	6.1%	0.84	2.9%	2.04	2.1%
	Combination Long-haul Truck	103,027,888	2.5%	700.09	32.0%	11.56	11.2%	1.33	4.6%	3.58	3.7%
	<b>Total</b>	<b>4,042,022,572</b>	<b>100.0%</b>	<b>2,190.50</b>	<b>100.0%</b>	<b>103.05</b>	<b>100.0%</b>	<b>29.22</b>	<b>100.0%</b>	<b>97.15</b>	<b>100.0%</b>

**Appendix A4**  
**2025 Baltimore Area Emission Summary by Process**  
**Annual (Tons/Year)**

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Anne Arundel	Running Exhaust	2,712.61	63.6%	95.74	50.6%	53.07	94.9%	193.32	99.4%
	Start Exhaust	667.01	15.6%	21.50	11.4%	2.19	3.9%	0.00	0.0%
	Brakewear	0.00	0.0%	53.75	28.4%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	14.14	7.5%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.13	0.0%	2.25	1.2%	0.45	0.8%	0.00	0.0%
	Crankcase Start Exhaust	0.02	0.0%	0.19	0.1%	0.02	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.03	0.0%	0.06	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	887.25	20.8%	1.66	0.9%	0.17	0.3%	1.24	0.6%
	<b>Total</b>	<b>4,267.05</b>	<b>100.0%</b>	<b>189.30</b>	<b>100.0%</b>	<b>55.89</b>	<b>100.0%</b>	<b>194.56</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore	Running Exhaust	3,640.85	65.2%	126.22	52.6%	68.03	95.2%	247.84	99.4%
	Start Exhaust	798.14	14.3%	25.43	10.6%	2.60	3.6%	0.00	0.0%
	Brakewear	0.00	0.0%	64.24	26.8%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	18.60	7.7%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.18	0.0%	3.09	1.3%	0.58	0.8%	0.00	0.0%
	Crankcase Start Exhaust	0.02	0.0%	0.23	0.1%	0.02	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.04	0.0%	0.08	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	1,146.62	20.5%	2.15	0.9%	0.22	0.3%	1.60	0.6%
	<b>Total</b>	<b>5,585.84</b>	<b>100.0%</b>	<b>240.04</b>	<b>100.0%</b>	<b>71.45</b>	<b>100.0%</b>	<b>249.44</b>	<b>100.0%</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Carroll	Running Exhaust	594.80	58.6%	19.67	44.7%	11.75	93.3%	41.72	99.3%
	Start Exhaust	211.31	20.8%	6.92	15.7%	0.70	5.6%	0.00	0.0%
	Brakewear	0.00	0.0%	13.08	29.7%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	3.39	7.7%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.03	0.0%	0.51	1.2%	0.10	0.8%	0.00	0.0%
	Crankcase Start Exhaust	0.00	0.0%	0.06	0.1%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.01	0.0%	0.01	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	208.59	20.6%	0.39	0.9%	0.04	0.3%	0.29	0.7%
	<b>Total</b>		<b>1,014.74</b>	<b>100.0%</b>	<b>44.02</b>	<b>100.0%</b>	<b>12.59</b>	<b>100.0%</b>	<b>42.01</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Harford	Running Exhaust	1,071.02	64.6%	34.99	52.9%	19.42	94.4%	72.91	99.4%
	Start Exhaust	279.95	16.9%	9.02	13.6%	0.92	4.5%	0.00	0.0%
	Brakewear	0.00	0.0%	15.34	23.2%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	5.28	8.0%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.05	0.0%	0.88	1.3%	0.16	0.8%	0.00	0.0%
	Crankcase Start Exhaust	0.01	0.0%	0.08	0.1%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.01	0.0%	0.02	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	307.43	18.5%	0.58	0.9%	0.06	0.3%	0.43	0.6%
	<b>Total</b>		<b>1,658.47</b>	<b>100.0%</b>	<b>66.18</b>	<b>100.0%</b>	<b>20.57</b>	<b>100.0%</b>	<b>73.34</b>

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Howard	Running Exhaust	2,166.87	66.1%	75.52	52.4%	41.62	96.1%	151.76	99.3%
	Start Exhaust	371.88	11.3%	11.74	8.1%	1.20	2.8%	0.00	0.0%
	Brakewear	0.00	0.0%	42.66	29.6%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	10.88	7.5%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.10	0.0%	1.81	1.3%	0.35	0.8%	0.00	0.0%
	Crankcase Start Exhaust	0.01	0.0%	0.11	0.1%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.02	0.0%	0.05	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	740.31	22.6%	1.39	1.0%	0.14	0.3%	1.03	0.7%
<b>Total</b>	<b>3,279.20</b>	<b>100.0%</b>	<b>144.16</b>	<b>100.0%</b>	<b>43.33</b>	<b>100.0%</b>	<b>152.80</b>	<b>100.0%</b>	

County	Process	NOX		PM2.5		SO2		NH3	
		Emissions	Pct.	Emissions	Pct.	Emissions	Pct.	Emissions	Pct.
Baltimore City	Running Exhaust	1,396.42	63.7%	50.41	48.9%	27.82	95.2%	96.49	99.3%
	Start Exhaust	325.99	14.9%	10.32	10.0%	1.06	3.6%	0.00	0.0%
	Brakewear	0.00	0.0%	32.03	31.1%	0.00	0.0%	0.00	0.0%
	Tirewear	0.00	0.0%	8.01	7.8%	0.00	0.0%	0.00	0.0%
	Evap Permeation	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Vapor Venting	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Evap Fuel Leaks	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Crankcase Running Exhaust	0.07	0.0%	1.28	1.2%	0.23	0.8%	0.00	0.0%
	Crankcase Start Exhaust	0.01	0.0%	0.09	0.1%	0.01	0.0%	0.00	0.0%
	Crankcase Extended Idle Exhaust	0.01	0.0%	0.03	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Displacement Vapor Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Refueling Spillage Loss	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
	Extended Idle Exhaust	468.01	21.4%	0.88	0.8%	0.09	0.3%	0.65	0.7%
<b>Total</b>	<b>2,190.50</b>	<b>100.0%</b>	<b>103.05</b>	<b>100.0%</b>	<b>29.22</b>	<b>100.0%</b>	<b>97.15</b>	<b>100.0%</b>	

**APPENDIX B**  
**Baltimore Area MOVES Sample Input Files**

# Annual MOVES Run Specification File Settings

## Sample xml file format

```
<moves>
  <importer mode="county" >
    <filters>
      <geographicselections>
        (Specify County to be run)
        <geographicselection type="COUNTY" key="24003" description="MARYLAND - Anne Arundel County"/>
      </geographicselections>
      <timespan>
        <year key="2017"/>
        <month id="00"/>
        <day id="2"/>
        <day id="5"/>
        <beginhour id="1"/>
        <endhour id="24"/>
        <aggregateBy key="Hour"/>
      </timespan>
      <onroadvehicleselections>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetyponame="Combination Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetyponame="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetyponame="Intercity Bus"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetyponame="Light Commercial Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetyponame="Motor Home"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="11" sourcetyponame="Motorcycle"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetyponame="Passenger Car"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetyponame="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetyponame="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetyponame="School Bus"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetyponame="Single Unit Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetyponame="Single Unit Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetyponame="Transit Bus"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="62" sourcetyponame="Combination Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="61" sourcetyponame="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="41" sourcetyponame="Intercity Bus"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetyponame="Light Commercial Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetyponame="Motor Home"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="11" sourcetyponame="Motorcycle"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="21" sourcetyponame="Passenger Car"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="31" sourcetyponame="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetyponame="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="43" sourcetyponame="School Bus"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="53" sourcetyponame="Single Unit Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="52" sourcetyponame="Single Unit Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetyponame="Transit Bus"/>
      </onroadvehicleselections>
      <offroadvehicleselections>
      </offroadvehicleselections>
      <offroadvehiclesscscs>
      </offroadvehiclesscscs>
      <roadtypes>
        <roadtype roadtypeid="1" roadtyponame="Off-Network"/>
        <roadtype roadtypeid="2" roadtyponame="Rural Restricted Access"/>
        <roadtype roadtypeid="3" roadtyponame="Rural Unrestricted Access"/>
        <roadtype roadtypeid="4" roadtyponame="Urban Restricted Access"/>
        <roadtype roadtypeid="5" roadtyponame="Urban Unrestricted Access"/>
      </roadtypes>
    </filters>
    <databaseselection servername="localhost" databasename="24003_2017_00_25_Avgann_mi"/>
  </importer>
</moves>
```



```

<agedistribution>
  <description><![CDATA[]]></description>
  <parts>
    <sourceTypeAgeDistribution>
      (Specify Age Distribution data file name for county being run)
      <filename>C:\MDMOVES11\MOVESInputs\AgeDistribution\2017\24003_2017_SourceTypeAgeDistribution.csv</filename>
    </sourceTypeAgeDistribution>
  </parts>
</agedistribution>

<avgspeeddistribution>
  <description><![CDATA[]]></description>
  <parts>
    <avgSpeedDistribution>
      (Specify Average Speed Distribution data file name for county being run – As prepared by PPSUITE post processor)
      <filename>C:\MDMOVES11\Out\MD_2017_Avgann_Inv\24003_2017_00_25_Avgann\CDM\avgSpeedDistribution.csv</filename>
    </avgSpeedDistribution>
  </parts>
</avgspeeddistribution>

<imcoverage>
  <description><![CDATA[]]></description>
  <parts>
    <imcoverage>
      (Specify I/M Parameters file name for county being run)
      <filename>C:\MDMOVES11\MOVESInputs\IM\24000_2017_IMCoverage.csv</filename>
    </imcoverage>
  </parts>
</imcoverage>

<fuel>
  <description><![CDATA[]]></description>
  <parts>
    <FuelSupply>
      (Specify Fuel Supply data file name for county being run)
      <filename>C:\MDMOVES11\MOVESInputs\Fuel\24000_2012_FuelSupply_moves2010a.csv</filename>
    </FuelSupply>
    <FuelFormulation>
      (Specify Fuel Formulation data file name for county being run)
      <filename>C:\MDMOVES11\MOVESInputs\Fuel\24000_FuelFormulation_moves2010a.csv</filename>
    </FuelFormulation>
  </parts>
</fuel>

<zonemonthhour>
  <description><![CDATA[]]></description>
  <parts>
    <zoneMonthHour>
      (Specify Meteorology data file name for county being run)
      <filename>C:\MDMOVES11\MOVESInputs\Meteorology\2011\24003_2011_met.csv</filename>
    </zoneMonthHour>
  </parts>
</zonemonthhour>

<roadtypedistribution>
  <description><![CDATA[]]></description>
  <parts>
    <roadTypeDistribution>
      (Specify Road Type Distribution data file name for county being run – As prepared by PPSUITE post processor)
      <filename>C:\MDMOVES11\Out\MD_2017_Avgann_Inv\24003_2017_00_25_Avgann\CDM\roadTypeDistribution.csv</filename>
    </roadTypeDistribution>
  </parts>
</roadtypedistribution>

<sourcetypepopulation>
  <description><![CDATA[]]></description>
  <parts>
    <sourceTypeYear>

```

```

                (Specify Vehicle Population data file name for county being run)
                <filename>C:\MDMOVES11\Out\MD_2017_Avgann_Inv\24003_2017_00_25_Avgann\CDM\SourceTypePopulation.csv</filename>
            </sourceTypeYear>
        </parts>
    </sourcetypepopulation>

    <rampfraction>
        <description><![CDATA[]]></description>
        <parts>
            <roadType>
                (Specify Ramp Fractions data file name for county being run – As prepared by PPSUITE post processor)
                <filename>C:\MDMOVES11\MOVESInputs\RampFraction\rampfraction_defaults.csv</filename>
            </roadType>
        </parts>
    </rampfraction>

    <vehicletypevmt>
        <description><![CDATA[]]></description>
        <parts>
            (Specify Annual VMT and VMT Fractions file names for county being run – As prepared by PPSUITE post processor)
            <hpmsVTypeYear>
                <filename>C:\MDMOVES11\Out\MD_2017_Avgann_Inv\24003_2017_00_25_Avgann\CDM\hpmsVTypeYear.csv</filename>
            </hpmsVTypeYear>
            <monthvmtfraction>
                <filename>C:\MDMOVES11\MOVESInputs\MonthDayHourFractions\2011_MonthFraction\24003_2011_MonthVMTFraction.csv</filename>
            </monthvmtfraction>
            <dayvmtfraction>
                <filename>C:\MDMOVES11\MOVESInputs\MonthDayHourFractions\dayvmtfraction_avgday.csv</filename>
            </dayvmtfraction>
            <hourvmtfraction>
                <filename>C:\MDMOVES11\Out\MD_2017_Avgann_Inv\24003_2017_00_25_Avgann\CDM\hourvmtfraction.csv</filename>
            </hourvmtfraction>
        </parts>
    </vehicletypevmt>

</importer>
</moves>

```

---

## Sample mrs file format

```

<runspec>
    <description><![CDATA[MOVES2010 RunSpec Created by CENTRAL4 Scenario: Anne 2017 ANNAVg Avgann Emission Inventory with user's data]]></description>
<modelscale value="INV"/>
<modeldomain value="SINGLE"/>
<geographicselections>
    (Specify County to be run)
    <geographicselection type="COUNTY" key="24003" description="MARYLAND - Anne Arundel County"/>
</geographicselections>
<timespan>
    <year key="2017"/>

<month id="1"/>
<month id="2"/>
<month id="3"/>
<month id="4"/>
<month id="5"/>
<month id="6"/>
<month id="7"/>
<month id="8"/>
<month id="9"/>
<month id="10"/>
<month id="11"/>
<month id="12"/>

```





```

        <onroadoffroad selected="true"/>
<roadtype selected="true"/>
<sourceusetype selected="true"/>
    <movesvehicletype selected="false"/>
<onroadsc selected="false"/>
    <offroadsc selected="false"/>
    <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
    <sector selected="false"/>
    <engtechid selected="false"/>
    <hpclass selected="false"/>
</outputemissionsbreakdownselection>
(Specify output database file name for county being run)
<outputdatabase servername="localhost" databasename="24003_2017_00_25_Avgann_mo" description=""/>
<outputtimestep value="Month"/>
<outputvmtdata value="true"/>
<outputsho value="true"/>
<outputsh value="true"/>
<outputshp value="true"/>
<outputshiding value="true"/>
<outputstarts value="true"/>
<outputpopulation value="true"/>
(Specify input database file name for county being run)
<scaleinputdatabase servername="localhost" databasename="24003_2017_00_25_Avgann_mi" description=""/>
<pmsize value="0"/>
<outputfactors>
    <timefactors selected="true" units="Hours"/>
    <distancefactors selected="false" units="Miles"/>
    <massfactors selected="false" units="Grams" energyunits="Million BTU"/>
</outputfactors>
<savedata>
</savedata>
<donotexecute>
</donotexecute>
<generatordatabase shouldsave="false" servername="" databasename="" description=""/>
    <donotperformfinalaggregation selected="false"/>
<lookuptableflags scenarioid="" truncateoutput="false" truncateactivity="false"/>
    <internalcontrolstrategies>
<internalcontrolstrategy classname="gov.epa.otaq.moves.master.implementation.ghg.internalcontrolstrategies.rateofprogress.RateOfProgressStrategy"><![CDATA[
useParameters          No
]]></internalcontrolstrategy>
</internalcontrolstrategies>
</runspec>

```

**APPENDIX C**  
**2017 MOVES County Data Manager Input Data**  
**(ANNE ARUNDEL COUNTY)**

*Field Definitions*  
*Age Distribution*  
*Fuel Supply*  
*Fuel Formulation*  
*IM Parameters*  
*Meteorology*  
*Source Type Population*  
*HPMS VMT*  
*Hour VMT Fractions*  
*Day VMT Fractions*  
*Month VMT Fractions*  
*Average Speed Distribution*  
*Road Type Distribution*  
*Ramp Fractions*

### Field Definitions

Tab Name	MOVES Input	Reformatted	Field Name	Definition
AgeDistributionR	Source Type Age Distribution	Yes	yearID	An actual calendar year.
			ageID	Identifies a SourceUseType age category. Values from 0 to 30. 0 = new and 30 = thirty or more years old.
			ST11 ~ ST62	Percentage of total domain SourceUseType population, in a given calendar year, at a given age. Definitions of SourceUseTypeID: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck
FuelSupply	Fuel Supply	No	countyID	1000* FIPS state code + FIPS county identification code.
			fuelYearID	Identifies a year for which fuel supply data has been entered in the FuelSupply table. MOVES default database maps all years 2012 through 2050 to the "fuelyear" 2012; thus for years 2012 through 2050, the fuelYearID 2012 should be used.
			monthGroupID	monthGroupIDs range from 1 to 12.
			fuelFormulationID	Fuel formulation identification number. Must be greater than 100 and less than 25000.
			marketShare	Decimal fraction of the supply of this fuel type which this fuel formulation constitutes.
			marketShareCV	The coefficient of variation for the market share. This would be used if uncertainty calculations were enabled. For MOVES the value is not required and may be left blank.

FuelFormulation	Fuel Formulation	No	fuelFormulationID	Fuel formulation identification number. Must be greater than 100 and less than 25000.
			fuelSubtypeID	Identifies a particular kind of fuel within a FuelType. e.g. Gasoline may be conventional, or RFG, diesel may be conventional, biodiesel, Fischer-Troppe, etc.
			RVP	Vapor pressure, expressed in psi.
			sulfurLevel	Sulfur content, expressed in ppm.
			ETOHVolume	Ethanol content, expressed in volume percentage.
			MTBEVolume	MTBE content, expressed in volume percentage.
			ETBEVolume	ETBE content expressed as a volume percentage.
			TAMEVolume	TAME content, expressed as a volume percentage.
			aromaticContent	Aromatic content, expressed as a volume percentage.
			olefinContent	Olefin content, expressed as a volume percentage.
			benzeneContent	Benzene content, expressed as a volume percentage.
			e200	Percentage vapor at 200 degrees F.
			e300	Percentage vapor at 300 degrees F.
IMCoverage	IM Coverage	No	polProcessID	100*pollutantID + processID.
			stateID	FIPS state identification code.
			countyID	1000* FIPS state code + FIPS county identification code.
			yearID	An actual calendar year.
			sourceTypeID	Source use type identification number: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck



			fuelTypeID	Identifies a basic kind of fuel used by SourceTypes: 1 = Gasoline 2 = Diesel Fuel 3 = Compressed Natural Gas (CNG) 4 = Liquid Propane Gas (LPG) 5 = Ethanol (E85 or E95) 6 = Methanol (M85 or M95) 7 = Gaseous Hydrogen 8 = Liquid Hydrogen 9 = Electricity
			IMProgramID	IM program identification number.
			inspectFreq	Inspection frequency: "A" means annual "B" means biennial "C" means continuous
			testStandardsID	Test standards identification number.
			begModelYearID	Numeric value identifying a begin model year.
			endModelYearID	Numeric value identifying a end model year.
			useIMyn	Specify using the IM program or not.
			complianceFactor	The complianceFactor is a value (0 to 100 scale) that defines the percentage of vehicles that participate in the I/M program.
Met	Meteorology (ZoneMonthHour Table in MOVES)	No	monthID	MonthIDs range from 1 (representing January) through 12 (representing December).
			zoneID	Identifies a zone.
			hourID	One of the 24 hours of any day. 1 = 12:00 midnight thru (but not including) 1:00 AM; 24 = 11:00 PM thru (but not including) 12:00 midnight.
			temperature	Units of degrees Fahrenheit.
			relHumidity	The ratio of the amount of water vapor in the air at a specific temperature to the maximum amount that the air could hold at that temperature, expressed as a percentage. relHumidity has units of percent.

Population	Source Type Population (SourceTypeYear Table in MOVES)	No	yearID	An actual calendar year.
			sourceTypeID	Source use type identification number: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck
			sourceTypePopulation	The total population in the modeling domain of a SourceUseType in a calendar year.
HPMSVtypeYear	Annual VMT (HPMSVtypeYear Table in MOVES)	No	HPMSVtypeID	Highway performance management system vehicle class identification number as follows: 10 = Motorcycles 20 = Passenger cars 30 = Other 2 axle-4 tire vehicles 40 = Buses 50 = Single Unit Trucks 60 = Combination Trucks
			yearID	An actual calendar year.
			HPMSBaseYearVMT	Total highway miles traveled in a calendar year by all elements of an HPMS vehicle type in the modeling domain. Populated only for base years.
			baseYearOffNetVMT	Total off-network miles traveled in a calendar year by all vehicles of an HPMS vehicle type in the modeling domain.

HourVMTFractionR	Hour VMT Fraction	Yes	roadTypeID	Road type indentification number:1= Off-Network2 = Rural Restricted Access3 = Rural Unrestricted Access4 = Urban Restricted Access5 = Urban Unrestricted Access
			dayID	Identifies a kind of day of the week. 5=weekdays and 2=weekends.
			hourID	One of the 24 hours of any day. 1 = 12:00 midnight thru (but not including) 1:00 AM; 24 = 11:00 PM thru (but not including) 12:00 midnight.
			ST11 ~ ST62	Percentage of source type activity on a roadtype, for a given hour and day. Definitions of SourceUseTypeID: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck

DayVMTFractionR	Day VMT Fraction	Yes	<table border="1"> <tr> <td data-bbox="972 165 1268 240">monthID</td> <td data-bbox="1268 165 2074 240">MonthIDs range from 1 (representing January) through 12 (representing December).</td> </tr> <tr> <td data-bbox="972 240 1268 480">roadTypeID</td> <td data-bbox="1268 240 2074 480">Road type indentification number: 1= Off-Network 2 = Rural Restricted Access 3 = Rural Unrestricted Access 4 = Urban Restricted Access 5 = Urban Unrestricted Access</td> </tr> <tr> <td data-bbox="972 480 1268 555">dayID</td> <td data-bbox="1268 480 2074 555">Identifies a kind of day of the week. 5=weekdays and 2=weekends.</td> </tr> <tr> <td data-bbox="972 555 1268 1153">ST11 ~ ST62</td> <td data-bbox="1268 555 2074 1153">Percentage of source type activity on a roadtype, for a given month and day. Definitions of SourceUseTypeID: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck</td> </tr> </table>	monthID	MonthIDs range from 1 (representing January) through 12 (representing December).	roadTypeID	Road type indentification number: 1= Off-Network 2 = Rural Restricted Access 3 = Rural Unrestricted Access 4 = Urban Restricted Access 5 = Urban Unrestricted Access	dayID	Identifies a kind of day of the week. 5=weekdays and 2=weekends.	ST11 ~ ST62	Percentage of source type activity on a roadtype, for a given month and day. Definitions of SourceUseTypeID: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck
monthID	MonthIDs range from 1 (representing January) through 12 (representing December).										
roadTypeID	Road type indentification number: 1= Off-Network 2 = Rural Restricted Access 3 = Rural Unrestricted Access 4 = Urban Restricted Access 5 = Urban Unrestricted Access										
dayID	Identifies a kind of day of the week. 5=weekdays and 2=weekends.										
ST11 ~ ST62	Percentage of source type activity on a roadtype, for a given month and day. Definitions of SourceUseTypeID: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck										

MonthVMTFractionR	Month VMT Fraction	Yes	sourceTypeID	Source use type identification number: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck
			isLeapYear	Indicates whether a year is a base year. Legal values are uppercase "Y" and "N".
			monthID	MonthIDs range from 1 (representing January) through 12 (representing December).
			monthVMTPercent	Percentage of SourceUseType annual VMT occurring in each month. (Element of a distribution which sums to one over the 12 months.)

AvgSpeedDistributionR	Avg Speed Distribution	Yes	roadTypeID	Road type indentification number: 1= Off-Network 2 = Rural Restricted Access 3 = Rural Unrestricted Access 4 = Urban Restricted Access 5 = Urban Unrestricted Access
			avgSpeedBinID	Identifies an average speed bin or category. 1 = avgBinSpeed 2.5 (speed < 2.5mph) 2 = avgBinSpeed 5 (2.5mph <= speed < 7.5mph) 3 = avgBinSpeed 10 (7.5mph <= speed < 12.5mph) 4 = avgBinSpeed 15 (12.5mph <= speed < 17.5mph) 5 = avgBinSpeed 20 (17.5mph <= speed < 22.5mph) 6 = avgBinSpeed 25 (22.5mph <= speed < 27.5mph) 7 = avgBinSpeed 30 (27.5mph <= speed < 32.5mph) 8 = avgBinSpeed 35 (32.5mph <= speed < 37.5mph) 9 = avgBinSpeed 40 (37.5mph <= speed < 42.5mph) 10 = avgBinSpeed 45 (42.5mph <= speed < 47.5mph) 11 = avgBinSpeed 50 (47.5mph <= speed < 52.5mph) 12 = avgBinSpeed 55 (52.5mph <= speed < 57.5mph) 13 = avgBinSpeed 60 (57.5mph <= speed < 62.5mph) 14 = avgBinSpeed 65 (62.5mph <= speed < 67.5mph) 15 = avgBinSpeed 70 (67.5mph <= speed < 72.5mph) 16 = avgBinSpeed 75 (72.5mph <= speed)
			HrD15~245	Percentage of time spent in an average speed bin by vehicles for a given Roadtype, Day, and Hour. (Note: speed does not vary by SourceUseType).

RoadTypeDistributionR	Road Type Distribution	Yes	roadTypeID	Road type indentification number:1= Off-Network2 = Rural Restricted Access3 = Rural Unrestricted Access4 = Urban Restricted Access5 = Urban Unrestricted Access
			ST11 ~ ST62	Percentage of source type activity on a roadtype, for a given hour and day. Definitions of SourceUseTypeID: 11 = Motorcycle 21 = Passenger Car 31 = Passenger Truck 32 = Light Commercial Truck 41 = Intercity Bus 42 = Transit Bus 43 = School Bus 51 = Refuse Truck 52 = Single Unit Short-haul Truck 53 = Single Unit Long-haul Truck 54 = Motor Home 61 = Combination Short-haul Truck 62 = Combination Long-haul Truck
RampFraction	Ramp Fraction (RoadType Table in MOVES)	No	roadTypeID	Road type indentification number: 2 = Rural Restricted Access 4 = Urban Restricted Access
			rampFraction	The fraction of vehicle travel time on this roadway type which occurs on ramps, expressed as a decimal fraction.

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**Source Type Age Distribution**

yearID	ageID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
2017	0	1.92	5.1	4.86	4.78	2.77	2.77	8.83	6.8	6.23	6.2	5.9	6.91	7.1
2017	1	3.05	6.6	5.75	5.55	6.58	6.58	6.77	2.96	2.92	2.94	2.86	2.96	2.96
2017	2	6.53	5.48	3.95	3.9	9.14	9.14	6.36	5.37	4.66	4.67	4.12	5.49	5.69
2017	3	6.9	6.5	7.07	7.22	6.15	6.15	7.47	3.99	4.78	4.79	5.36	3.85	3.61
2017	4	9.53	7.38	7.73	7.73	5.29	5.29	6.15	11.51	11.3	11.29	11.21	11.55	11.62
2017	5	9.32	7.05	8.13	8.44	6.77	6.77	5.83	9.19	9.39	9.44	9.37	9.13	9.04
2017	6	7.51	6.67	8.54	8.54	6.61	6.61	5.89	8.91	8.91	8.92	8.87	8.91	8.91
2017	7	6.15	6.31	9.02	8.97	11.78	11.78	8.28	5.42	5.43	5.38	5.61	5.45	5.48
2017	8	7.62	6.49	7.78	7.67	8.77	8.77	7.78	4.53	4.04	4.04	3.69	4.61	4.75
2017	9	5.72	6.22	6.9	6.77	4.28	4.28	10.02	4.1	4.73	4.86	4.81	3.93	3.66
2017	10	4.8	5.47	5.53	5.52	2.74	2.74	7.23	4.89	5.12	5.21	5.02	4.81	4.68
2017	11	3.98	5.38	5.32	5.38	5.08	5.08	5.16	5.87	5.52	5.52	5.24	5.92	6.02
2017	12	3.09	4.26	4.17	4.23	3.81	3.81	4.94	4.29	3.98	3.96	3.82	4.35	4.46
2017	13	2.11	3.55	3.19	3.03	3.84	3.84	2.48	3.54	3.47	3.51	3.32	3.53	3.53
2017	14	1.86	3.04	2.94	3.02	2.71	2.71	1.93	2.68	2.39	2.39	2.18	2.72	2.8
2017	15	1.78	2.26	2.06	2.02	1.45	1.45	0.8	2.03	1.82	1.81	1.69	2.07	2.14
2017	16	1.34	2.08	1.85	1.85	1.38	1.38	0.96	2.85	2.88	2.9	2.82	2.83	2.8
2017	17	1.14	1.49	1.45	1.43	1.02	1.02	0.34	1.58	1.5	1.44	1.58	1.62	1.68
2017	18	1	1.11	0.86	0.86	0.62	0.62	0.34	1.07	1.25	1.25	1.37	1.04	0.99
2017	19	0.87	0.85	0.62	0.61	0.89	0.89	0.57	0.81	0.95	0.93	1.12	0.8	0.77
2017	20	0.7	0.7	0.46	0.46	0.49	0.49	0.41	1.18	1.57	1.6	1.75	1.1	0.97
2017	21	0.59	0.65	0.43	0.44	1.57	1.57	0.41	1.23	1.62	1.65	1.83	1.16	1.03
2017	22	0.57	0.56	0.4	0.41	1.48	1.48	0.45	1.13	1.14	1.1	1.28	1.15	1.18
2017	23	0.58	0.49	0.3	0.33	0.95	0.95	0.3	0.97	1.09	1.02	1.35	0.98	0.99
2017	24	0.59	0.44	0.24	0.27	0.62	0.62	0.17	0.88	1.07	1.02	1.35	0.87	0.85
2017	25	0.6	0.38	0.18	0.21	0.4	0.4	0.09	0.78	1.02	0.96	1.35	0.77	0.74
2017	26	0.61	0.34	0.14	0.16	0.26	0.26	0.02	0.58	0.49	0.49	0.43	0.59	0.62
2017	27	0.62	0.3	0.05	0.05	0.17	0.17	0.02	0.28	0.34	0.35	0.39	0.27	0.25
2017	28	0.63	0.26	0.03	0.03	0.11	0.11	0.02	0.15	0.24	0.23	0.31	0.14	0.12
2017	29	0.64	0.23	0.02	0.02	0.07	0.07	0	0.06	0.02	0.02	0	0.06	0.07
2017	30	7.64	2.38	0.07	0.06	2.23	2.23	0	0.36	0.14	0.13	0	0.4	0.47



**Fuel Supply**

countyID	fuelYearID	monthGroupID	fuelFormulationID	marketShare	marketShareCV
24003	2012	1	190	1	0
24003	2012	2	190	1	0
24003	2012	3	190	1	0
24003	2012	4	190	1	0
24003	2012	5	190	1	0
24003	2012	6	190	1	0
24003	2012	7	190	1	0
24003	2012	8	190	1	0
24003	2012	9	190	1	0
24003	2012	10	190	1	0
24003	2012	11	190	1	0
24003	2012	12	190	1	0
24003	2012	1	230	1	0
24003	2012	2	230	1	0
24003	2012	3	230	1	0
24003	2012	4	230	1	0
24003	2012	5	230	1	0
24003	2012	6	230	1	0
24003	2012	7	230	1	0
24003	2012	8	230	1	0
24003	2012	9	230	1	0
24003	2012	10	230	1	0
24003	2012	11	230	1	0
24003	2012	12	230	1	0
24003	2012	1	9601	1	0
24003	2012	2	9602	1	0
24003	2012	3	9603	1	0
24003	2012	4	9604	1	0
24003	2012	5	9605	1	0
24003	2012	6	9606	1	0
24003	2012	7	9607	1	0

**Fuel Supply**

countyID	fuelYearID	monthGroupID	fuelFormulationID	marketShare	marketShareCV
24003	2012	8	9608	1	0
24003	2012	9	9609	1	0
24003	2012	10	9610	1	0
24003	2012	11	9611	1	0
24003	2012	12	9612	1	0
24003	2012	1	20501	1	0
24003	2012	2	20502	1	0
24003	2012	3	20503	1	0
24003	2012	4	20504	1	0
24003	2012	5	20505	1	0
24003	2012	6	20506	1	0
24003	2012	7	20507	1	0
24003	2012	8	20508	1	0
24003	2012	9	20509	1	0
24003	2012	10	20510	1	0
24003	2012	11	20511	1	0
24003	2012	12	20512	1	0

**Fuel Formulation**

Fuel Formulation ID	Fuel Subtype ID	RVP	Sulfur Level	ETOH Volume	MTBE Volume	ETBE Volume	TAME Volume	Aromatic Content	Olefin Content	Benzene Content	e200	e300
190	90	0	0	0	0	0	0	0	0	0	0	0
20501	20	0	7	0	0	0	0	0	0	0	0	0
20502	20	0	7	0	0	0	0	0	0	0	0	0
20503	20	0	7	0	0	0	0	0	0	0	0	0
20504	20	0	7	0	0	0	0	0	0	0	0	0
20505	20	0	7	0	0	0	0	0	0	0	0	0
20506	20	0	7	0	0	0	0	0	0	0	0	0
20507	20	0	8	0	0	0	0	0	0	0	0	0
20508	20	0	8	0	0	0	0	0	0	0	0	0
20509	20	0	8	0	0	0	0	0	0	0	0	0
20510	20	0	9	0	0	0	0	0	0	0	0	0
20511	20	0	8	0	0	0	0	0	0	0	0	0
20512	20	0	8	0	0	0	0	0	0	0	0	0
230	30	0	0	0	0	0	0	0	0	0	0	0
9601	12	11.81820011	29	11.36410046	0	0	0	18.10440063	12.62839985	0.51819998	56.58399963	86.7845993
9602	12	11.7737999	24	11.23589993	0	0	0	17.62030029	12.18019962	0.48210001	56.29750061	86.74810028
9603	12	11.43739986	28	11.01889992	0	0	0	18.90600014	11.1310997	0.494800001	56.27840042	86.91960144
9604	12	9.687999725	28	11.21800041	0	0	0	19.73469925	10.83909988	0.535099983	54.03820038	86.92949677
9605	12	6.829199791	25	11.27159977	0	0	0	21.97789955	9.90530014	0.471300006	47.83610153	85.90930176
9606	12	6.469299793	30	11.2755003	0	0	0	20.75530052	10.93099976	0.464700013	47.36729813	85.75789642
9607	12	6.740799904	25	11.21790028	0	0	0	19.98570061	12.37220001	0.432300001	47.16680145	84.84590149
9608	12	6.839600086	24	11.2432003	0	0	0	20.32780075	12.3263998	0.451799989	47.70230103	85.47260284
9609	12	7.535399914	25	11.16059971	0	0	0	21.3579998	11.93109989	0.479400009	47.9836998	85.18640137
9610	12	10.18050003	26	11.20289993	0	0	0	20.45529938	11.13669968	0.451400012	52.25830078	85.646698
9611	12	11.33150005	26	11.30239964	0	0	0	17.75149918	11.24349976	0.454100013	55.37979889	87.24459839
9612	12	12.01650047	29	11.28030014	0	0	0	17.42309952	11.60039997	0.467999995	56.4408989	87.28990173

**IM  
Coverage**

Pol Process ID	State ID	County ID	Year ID	Source Type ID	Fuel Type ID	IM Program ID	Inspect Freq	Test Standards ID	Beg Model Year ID	End Model Year ID	Use IM yn	Compliance Factor
101	24	24003	2017	21	1	1	2	11	1977	1983	N	83.51999664
102	24	24003	2017	21	1	1	2	11	1977	1983	N	83.51999664
201	24	24003	2017	21	1	1	2	11	1977	1983	N	83.51999664
202	24	24003	2017	21	1	1	2	11	1977	1983	N	83.51999664
101	24	24003	2017	31	1	1	2	11	1977	1983	N	83.51999664
102	24	24003	2017	31	1	1	2	11	1977	1983	N	83.51999664
201	24	24003	2017	31	1	1	2	11	1977	1983	N	83.51999664
202	24	24003	2017	31	1	1	2	11	1977	1983	N	83.51999664
101	24	24003	2017	32	1	1	2	11	1977	1983	N	83.51999664
102	24	24003	2017	32	1	1	2	11	1977	1983	N	83.51999664
201	24	24003	2017	32	1	1	2	11	1977	1983	N	83.51999664
202	24	24003	2017	32	1	1	2	11	1977	1983	N	83.51999664
101	24	24003	2017	52	1	1	2	11	1977	1983	N	83.51999664
102	24	24003	2017	52	1	1	2	11	1977	1983	N	83.51999664
201	24	24003	2017	52	1	1	2	11	1977	1983	N	83.51999664
202	24	24003	2017	52	1	1	2	11	1977	1983	N	83.51999664
101	24	24003	2017	21	1	6	2	33	1984	1995	N	83.51999664
102	24	24003	2017	21	1	6	2	33	1984	1995	N	83.51999664
201	24	24003	2017	21	1	6	2	33	1984	1995	N	83.51999664
202	24	24003	2017	21	1	6	2	33	1984	1995	N	83.51999664
301	24	24003	2017	21	1	6	2	33	1984	1995	N	83.51999664
302	24	24003	2017	21	1	6	2	33	1984	1995	N	83.51999664
101	24	24003	2017	31	1	6	2	33	1984	1995	N	83.51999664
102	24	24003	2017	31	1	6	2	33	1984	1995	N	83.51999664
201	24	24003	2017	31	1	6	2	33	1984	1995	N	83.51999664
202	24	24003	2017	31	1	6	2	33	1984	1995	N	83.51999664
301	24	24003	2017	31	1	6	2	33	1984	1995	N	83.51999664
302	24	24003	2017	31	1	6	2	33	1984	1995	N	83.51999664
101	24	24003	2017	32	1	6	2	33	1984	1995	N	83.51999664

**IM Coverage**

Pol Process ID	State ID	County ID	Year ID	Source Type ID	Fuel Type ID	IM Program ID	Inspect Freq	Test Standards ID	Beg Model Year ID	End Model Year ID	Use IM yn	Compliance Factor
102	24	24003	2017	32	1	6	2	33	1984	1995	N	83.51999664
201	24	24003	2017	32	1	6	2	33	1984	1995	N	83.51999664
202	24	24003	2017	32	1	6	2	33	1984	1995	N	83.51999664
301	24	24003	2017	32	1	6	2	33	1984	1995	N	83.51999664
302	24	24003	2017	32	1	6	2	33	1984	1995	N	83.51999664
101	24	24003	2017	52	1	6	2	33	1984	1995	N	83.51999664
102	24	24003	2017	52	1	6	2	33	1984	1995	N	83.51999664
201	24	24003	2017	52	1	6	2	33	1984	1995	N	83.51999664
202	24	24003	2017	52	1	6	2	33	1984	1995	N	83.51999664
301	24	24003	2017	52	1	6	2	33	1984	1995	N	83.51999664
302	24	24003	2017	52	1	6	2	33	1984	1995	N	83.51999664
101	24	24003	2017	21	1	10	2	51	1996	2014	N	83.51999664
102	24	24003	2017	21	1	10	2	51	1996	2014	N	83.51999664
201	24	24003	2017	21	1	10	2	51	1996	2014	N	83.51999664
202	24	24003	2017	21	1	10	2	51	1996	2014	N	83.51999664
301	24	24003	2017	21	1	10	2	51	1996	2014	N	83.51999664
302	24	24003	2017	21	1	10	2	51	1996	2014	N	83.51999664
101	24	24003	2017	31	1	10	2	51	1996	2014	N	83.51999664
102	24	24003	2017	31	1	10	2	51	1996	2014	N	83.51999664
201	24	24003	2017	31	1	10	2	51	1996	2014	N	83.51999664
202	24	24003	2017	31	1	10	2	51	1996	2014	N	83.51999664
301	24	24003	2017	31	1	10	2	51	1996	2014	N	83.51999664
302	24	24003	2017	31	1	10	2	51	1996	2014	N	83.51999664
101	24	24003	2017	32	1	10	2	51	1996	2014	N	83.51999664
102	24	24003	2017	32	1	10	2	51	1996	2014	N	83.51999664
201	24	24003	2017	32	1	10	2	51	1996	2014	N	83.51999664
202	24	24003	2017	32	1	10	2	51	1996	2014	N	83.51999664
301	24	24003	2017	32	1	10	2	51	1996	2014	N	83.51999664
302	24	24003	2017	32	1	10	2	51	1996	2014	N	83.51999664
101	24	24003	2017	52	1	10	2	51	1996	2014	N	83.51999664

**IM  
Coverage**

Pol Process ID	State ID	County ID	Year ID	Source Type ID	Fuel Type ID	IM Program ID	Inspect Freq	Test Standards ID	Beg Model Year ID	End Model Year ID	Use IM yn	Compliance Factor
102	24	24003	2017	52	1	10	2	51	1996	2014	N	83.51999664
201	24	24003	2017	52	1	10	2	51	1996	2014	N	83.51999664
202	24	24003	2017	52	1	10	2	51	1996	2014	N	83.51999664
301	24	24003	2017	52	1	10	2	51	1996	2014	N	83.51999664
302	24	24003	2017	52	1	10	2	51	1996	2014	N	83.51999664
101	24	24003	2017	21	1	21	2	11	1977	1995	Y	87.83999634
102	24	24003	2017	21	1	21	2	11	1977	1995	Y	87.83999634
201	24	24003	2017	21	1	21	2	11	1977	1995	Y	87.83999634
202	24	24003	2017	21	1	21	2	11	1977	1995	Y	87.83999634
101	24	24003	2017	31	1	21	2	11	1977	1995	Y	87.83999634
102	24	24003	2017	31	1	21	2	11	1977	1995	Y	87.83999634
201	24	24003	2017	31	1	21	2	11	1977	1995	Y	87.83999634
202	24	24003	2017	31	1	21	2	11	1977	1995	Y	87.83999634
101	24	24003	2017	32	1	21	2	11	1977	1995	Y	87.83999634
102	24	24003	2017	32	1	21	2	11	1977	1995	Y	87.83999634
201	24	24003	2017	32	1	21	2	11	1977	1995	Y	87.83999634
202	24	24003	2017	32	1	21	2	11	1977	1995	Y	87.83999634
101	24	24003	2017	52	1	21	2	11	1977	2015	Y	43.04000092
102	24	24003	2017	52	1	21	2	11	1977	2015	Y	43.04000092
201	24	24003	2017	52	1	21	2	11	1977	2015	Y	43.04000092
202	24	24003	2017	52	1	21	2	11	1977	2015	Y	43.04000092
101	24	24003	2017	53	1	21	2	11	1977	2015	Y	42.20000076
102	24	24003	2017	53	1	21	2	11	1977	2015	Y	42.20000076
201	24	24003	2017	53	1	21	2	11	1977	2015	Y	42.20000076
202	24	24003	2017	53	1	21	2	11	1977	2015	Y	42.20000076
112	24	24003	2017	21	1	22	2	41	1977	1995	Y	93.09999847
112	24	24003	2017	31	1	22	2	41	1977	1995	Y	93.09999847
112	24	24003	2017	32	1	22	2	41	1977	1995	Y	93.09999847
112	24	24003	2017	52	1	22	2	41	1977	2015	Y	45.59999847
112	24	24003	2017	53	1	22	2	41	1977	2015	Y	44.70000076

**IM  
Coverage**

Pol Process ID	State ID	County ID	Year ID	Source Type ID	Fuel Type ID	IM Program ID	Inspect Freq	Test Standards ID	Beg Model Year ID	End Model Year ID	Use IM yn	Compliance Factor
112	24	24003	2017	21	1	23	2	43	1996	2015	Y	87.40000153
113	24	24003	2017	21	1	23	2	43	1996	2015	Y	87.40000153
112	24	24003	2017	31	1	23	2	43	1996	2015	Y	87.40000153
113	24	24003	2017	31	1	23	2	43	1996	2015	Y	87.40000153
112	24	24003	2017	32	1	23	2	43	1996	2015	Y	87.40000153
113	24	24003	2017	32	1	23	2	43	1996	2015	Y	87.40000153
101	24	24003	2017	21	1	24	2	51	1996	2015	Y	87.40000153
102	24	24003	2017	21	1	24	2	51	1996	2015	Y	87.40000153
201	24	24003	2017	21	1	24	2	51	1996	2015	Y	87.40000153
202	24	24003	2017	21	1	24	2	51	1996	2015	Y	87.40000153
301	24	24003	2017	21	1	24	2	51	1996	2015	Y	87.40000153
302	24	24003	2017	21	1	24	2	51	1996	2015	Y	87.40000153
101	24	24003	2017	31	1	24	2	51	1996	2015	Y	87.40000153
102	24	24003	2017	31	1	24	2	51	1996	2015	Y	87.40000153
201	24	24003	2017	31	1	24	2	51	1996	2015	Y	87.40000153
202	24	24003	2017	31	1	24	2	51	1996	2015	Y	87.40000153
301	24	24003	2017	31	1	24	2	51	1996	2015	Y	87.40000153
302	24	24003	2017	31	1	24	2	51	1996	2015	Y	87.40000153
101	24	24003	2017	32	1	24	2	51	1996	2015	Y	87.40000153
102	24	24003	2017	32	1	24	2	51	1996	2015	Y	87.40000153
201	24	24003	2017	32	1	24	2	51	1996	2015	Y	87.40000153
202	24	24003	2017	32	1	24	2	51	1996	2015	Y	87.40000153
301	24	24003	2017	32	1	24	2	51	1996	2015	Y	87.40000153
302	24	24003	2017	32	1	24	2	51	1996	2015	Y	87.40000153

**Meteorology (ZoneMonthHour Table in MOVES)**

monthID	zoneID	hourID	temperature	relHumidity
1	240030	1	28.45	68.77
1	240030	2	27.97	71
1	240030	3	27.94	71.45
1	240030	4	27.61	72.77
1	240030	5	27.19	72.52
1	240030	6	26.74	73.52
1	240030	7	26.1	75
1	240030	8	26.9	72.52
1	240030	9	28.9	69.65
1	240030	10	31.16	63.32
1	240030	11	32.87	59.16
1	240030	12	34.45	55.32
1	240030	13	35.52	52.58
1	240030	14	36.1	51.55
1	240030	15	35.94	51.03
1	240030	16	35.68	51.1
1	240030	17	34.23	53.84
1	240030	18	32.29	58.42
1	240030	19	30.97	61.13
1	240030	20	30.26	63.48
1	240030	21	29.87	65.1
1	240030	22	29.48	66.19
1	240030	23	29.13	67.97
1	240030	24	28.42	68.84
2	240030	1	34.32	67.07
2	240030	2	33.5	70.11
2	240030	3	33.36	70.5
2	240030	4	32.75	70.82
2	240030	5	32.25	71.54
2	240030	6	32.25	70.79
2	240030	7	32.25	70.68
2	240030	8	33.46	69
2	240030	9	36.5	63.14
2	240030	10	39.57	57.36
2	240030	11	42.32	52
2	240030	12	44.39	49.39
2	240030	13	45.93	46.61
2	240030	14	46.68	45.75
2	240030	15	46.75	44.75
2	240030	16	45.64	46.46
2	240030	17	44.75	47.25
2	240030	18	42.43	51.11
2	240030	19	40.96	54.25



**Meteorology (ZoneMonthHour Table in MOVES)**

monthID	zoneID	hourID	temperature	relHumidity
2	240030	20	39.11	58.57
2	240030	21	37.79	62.25
2	240030	22	36.89	63.36
2	240030	23	36.5	64.96
2	240030	24	35.64	64.89
3	240030	1	40.48	69.16
3	240030	2	39.65	70.68
3	240030	3	39.16	70.71
3	240030	4	38.77	70.9
3	240030	5	38.32	70.94
3	240030	6	37.84	72.16
3	240030	7	38.71	69.97
3	240030	8	40.9	65.19
3	240030	9	43.06	59.42
3	240030	10	45.13	55.77
3	240030	11	47	51.94
3	240030	12	48.77	49.35
3	240030	13	50.52	46.16
3	240030	14	51.45	45
3	240030	15	52.16	44.71
3	240030	16	52.32	45.03
3	240030	17	51.29	46.87
3	240030	18	49.32	50.03
3	240030	19	47.16	53.87
3	240030	20	45.71	56.77
3	240030	21	44.32	60.23
3	240030	22	43.03	63.26
3	240030	23	42.19	65.29
3	240030	24	41.42	67.03
4	240030	1	54.52	71.9
4	240030	2	53	74.87
4	240030	3	52.4	76.87
4	240030	4	51.6	78.53
4	240030	5	51	79.73
4	240030	6	50.9	80.1
4	240030	7	52.53	78.07
4	240030	8	54.63	73.03
4	240030	9	56.53	69.53
4	240030	10	58.47	65.5
4	240030	11	60.07	61.83
4	240030	12	61.67	59.1
4	240030	13	63.17	56.37
4	240030	14	64.23	56.3

**Meteorology (ZoneMonthHour Table in MOVES)**

monthID	zoneID	hourID	temperature	relHumidity
4	240030	15	65.07	55
4	240030	16	65.17	53.17
4	240030	17	64.5	53.67
4	240030	18	63.33	55.47
4	240030	19	60.9	59.63
4	240030	20	59.27	62.73
4	240030	21	57.9	65.53
4	240030	22	56.9	67.23
4	240030	23	55.77	69.13
4	240030	24	55.23	71.03
5	240030	1	61.45	84.1
5	240030	2	60.68	86
5	240030	3	59.77	86.55
5	240030	4	59	87.65
5	240030	5	58.61	88.23
5	240030	6	59.77	87.42
5	240030	7	62.94	81.87
5	240030	8	65.52	75.45
5	240030	9	68.16	69.65
5	240030	10	70.13	65.48
5	240030	11	71.77	61.55
5	240030	12	73.03	59.77
5	240030	13	74.84	55.52
5	240030	14	75.19	54.26
5	240030	15	75.68	53.1
5	240030	16	75.29	54.74
5	240030	17	75	55.23
5	240030	18	73.06	58.97
5	240030	19	70.61	64
5	240030	20	67.9	71
5	240030	21	66.19	74.84
5	240030	22	64.71	78.74
5	240030	23	63.71	81.06
5	240030	24	62.84	83.32
6	240030	1	70	77.5
6	240030	2	69.03	79.07
6	240030	3	67.97	81.5
6	240030	4	66.97	83.3
6	240030	5	66.63	84.07
6	240030	6	68.27	81.9
6	240030	7	71.57	74.47
6	240030	8	74.4	66.77
6	240030	9	76.87	61

**Meteorology (ZoneMonthHour Table in MOVES)**

monthID	zoneID	hourID	temperature	relHumidity
6	240030	10	79.2	54.7
6	240030	11	81.13	50.57
6	240030	12	82.57	47.6
6	240030	13	83.63	45.37
6	240030	14	84.33	44.47
6	240030	15	84.5	44.63
6	240030	16	84.53	45.07
6	240030	17	83	48.4
6	240030	18	81.47	51.17
6	240030	19	78.83	57.23
6	240030	20	75.4	65.2
6	240030	21	73.33	70.27
6	240030	22	72.07	72.53
6	240030	23	71.37	73.03
6	240030	24	70.53	75.67
7	240030	1	75.1	77.45
7	240030	2	74.19	78.61
7	240030	3	73.23	80.94
7	240030	4	72.23	83.58
7	240030	5	72	83.65
7	240030	6	73.42	81.81
7	240030	7	77.42	72.9
7	240030	8	80.61	64.9
7	240030	9	83.61	57.42
7	240030	10	85.94	52.81
7	240030	11	87.71	48.74
7	240030	12	89.03	45.9
7	240030	13	90.1	44.1
7	240030	14	90.52	43.42
7	240030	15	90.1	45.16
7	240030	16	89.9	45.48
7	240030	17	88.97	46.87
7	240030	18	86.71	51.58
7	240030	19	84.1	56.9
7	240030	20	81.29	62.84
7	240030	21	79	68.87
7	240030	22	78.26	71.35
7	240030	23	77.29	73.26
7	240030	24	76.48	75.39
8	240030	1	70.32	84.13
8	240030	2	70.06	83.9
8	240030	3	69.35	85.03
8	240030	4	68.81	86

**Meteorology (ZoneMonthHour Table in MOVES)**

monthID	zoneID	hourID	temperature	relHumidity
8	240030	5	68.23	87.77
8	240030	6	68.94	87.03
8	240030	7	71.94	80.35
8	240030	8	74.97	73.13
8	240030	9	77.48	67.06
8	240030	10	79.71	61.42
8	240030	11	81.39	57.13
8	240030	12	82	56.81
8	240030	13	82.48	55.48
8	240030	14	82.71	54.71
8	240030	15	83.23	53.94
8	240030	16	82.06	56.74
8	240030	17	81.45	57.68
8	240030	18	79.65	61.61
8	240030	19	77.19	66.97
8	240030	20	74.87	73.19
8	240030	21	73	77.65
8	240030	22	71.94	79.68
8	240030	23	71.45	80.74
8	240030	24	70.65	83.03
9	240030	1	65.2	92
9	240030	2	64.73	93.23
9	240030	3	64.3	93.43
9	240030	4	64.27	93.4
9	240030	5	64.13	93.47
9	240030	6	64.03	93.33
9	240030	7	65.9	91.37
9	240030	8	68.03	87.3
9	240030	9	70.23	82.07
9	240030	10	72.13	78.13
9	240030	11	73.37	74.1
9	240030	12	74.53	71.53
9	240030	13	74.97	70.37
9	240030	14	75.17	69.53
9	240030	15	74.97	70.23
9	240030	16	74.4	70.8
9	240030	17	73.63	72.7
9	240030	18	71.83	76.47
9	240030	19	70.2	80.6
9	240030	20	69.27	83.2
9	240030	21	68.07	85.47
9	240030	22	67.27	86.57
9	240030	23	66.1	88.73

**Meteorology (ZoneMonthHour Table in MOVES)**

<b>monthID</b>	<b>zoneID</b>	<b>hourID</b>	<b>temperature</b>	<b>relHumidity</b>
9	240030	24	65.43	90.63
10	240030	1	52.29	83.45
10	240030	2	51.84	84.19
10	240030	3	50.97	85.48
10	240030	4	50.35	86.52
10	240030	5	50.35	85.32
10	240030	6	49.77	86.06
10	240030	7	50.48	84.48
10	240030	8	53.71	78.77
10	240030	9	57.03	72.29
10	240030	10	59.71	64.71
10	240030	11	61.81	59.58
10	240030	12	62.9	57.74
10	240030	13	63.65	55.97
10	240030	14	63.94	55.68
10	240030	15	63.94	55.77
10	240030	16	63.35	57.71
10	240030	17	61.58	62.23
10	240030	18	58.42	69.23
10	240030	19	56.48	74.74
10	240030	20	55.61	75.94
10	240030	21	54.84	78.23
10	240030	22	54.16	79.61
10	240030	23	53.39	80.87
10	240030	24	52.29	83.03
11	240030	1	45.83	80.27
11	240030	2	45.43	81.23
11	240030	3	45.17	81.63
11	240030	4	44.33	82.83
11	240030	5	43.67	83.93
11	240030	6	43.23	84.23
11	240030	7	42.8	84.83
11	240030	8	45.5	81.37
11	240030	9	49.73	74.57
11	240030	10	53.43	65.53
11	240030	11	56.23	59.03
11	240030	12	57.6	53.8
11	240030	13	58.8	50.67
11	240030	14	59.13	49.97
11	240030	15	59.2	49.4
11	240030	16	57.73	52.7
11	240030	17	55.23	57.43
11	240030	18	52.83	63.63

**Meteorology (ZoneMonthHour Table in MOVES)**

monthID	zoneID	hourID	temperature	relHumidity
11	240030	19	50.93	67.6
11	240030	20	49.67	70.2
11	240030	21	48.73	72.07
11	240030	22	48.2	73.07
11	240030	23	46.9	76.2
11	240030	24	45.97	77.93
12	240030	1	39.06	77.9
12	240030	2	38.87	77.58
12	240030	3	38.97	77.1
12	240030	4	38.29	76.94
12	240030	5	37.65	77.84
12	240030	6	37.32	77.94
12	240030	7	37.26	78.23
12	240030	8	37.94	77.71
12	240030	9	41.87	72.03
12	240030	10	45.23	63.81
12	240030	11	47.03	59.45
12	240030	12	48.61	56.19
12	240030	13	49.32	54.19
12	240030	14	49.87	53.35
12	240030	15	49.9	53.23
12	240030	16	49.13	55.48
12	240030	17	46.84	59.71
12	240030	18	44.87	64.32
12	240030	19	43.39	68.1
12	240030	20	42.39	70.68
12	240030	21	41.29	73.87
12	240030	22	40.68	76.29
12	240030	23	40.23	77.13
12	240030	24	39.87	77.71

**Source Type Population (SourceTypeYear Table in MOVES)**

<b>yearID</b>	<b>sourceTypeID</b>	<b>sourceTypePopulation</b>
2017	11	16832
2017	21	297243
2017	31	184260
2017	32	61168
2017	41	11
2017	42	34
2017	43	625
2017	51	74
2017	52	11376
2017	53	1651
2017	54	847
2017	61	2242
2017	62	2973

**Annual VMT (HPMSVtypeYear Table in MOVES)**

HPMSVtypeID	yearID	HPMSBaseYearVMT	baseYearOffNetVMT
10	2017	35557624	
20	2017	3777618944	
30	2017	2633076992	
40	2017	18405336	
50	2017	206498160	
60	2017	312255616	





Hour VMT Fraction

Road TypeID	dayID	hourID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
1	5	11	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99
1	5	12	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44
1	5	13	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76
1	5	14	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
1	5	15	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23
1	5	16	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
1	5	17	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
1	5	18	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74
1	5	19	5.98	5.98	5.98	5.98	5.98	5.98	5.98	5.98	5.98	5.98	5.98	5.98	5.98
1	5	20	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44
1	5	21	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54
1	5	22	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18
1	5	23	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49
1	5	24	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79
2	2	1	1.07	1	1	1	1.07	1.07	1.07	1	1	1	1	1	1
2	2	2	0.77	0.7	0.7	0.7	0.51	0.51	0.51	0.7	0.7	0.7	0.7	0.7	0.7
2	2	3	0.68	0.6	0.6	0.6	0.58	0.58	0.58	0.6	0.6	0.6	0.6	0.6	0.6
2	2	4	0.77	0.7	0.7	0.7	0.51	0.51	0.51	0.7	0.7	0.7	0.7	0.7	0.7
2	2	5	1.18	1.3	1.3	1.3	1.36	1.36	1.36	1.3	1.3	1.3	1.3	1.3	1.3
2	2	6	3.13	3.2	3.2	3.2	3.25	3.25	3.25	3.2	3.2	3.2	3.2	3.2	3.2
2	2	7	5.65	5.59	5.59	5.59	5.73	5.73	5.73	5.59	5.59	5.59	5.59	5.59	5.59
2	2	8	6.47	6.49	6.49	6.49	6.35	6.35	6.35	6.49	6.49	6.49	6.49	6.49	6.49
2	2	9	6.06	6.09	6.09	6.09	6.11	6.11	6.11	6.1	6.1	6.1	6.1	6.1	6.1
2	2	10	5.27	5.3	5.3	5.3	5.24	5.24	5.24	5.29	5.29	5.29	5.29	5.29	5.29
2	2	11	4.88	4.9	4.9	4.9	4.9	4.9	4.9	4.89	4.89	4.89	4.89	4.89	4.89
2	2	12	5	4.99	4.99	4.99	4.98	4.98	4.98	5	5	5	5	5	5
2	2	13	5	5.1	5.1	5.1	5.22	5.22	5.22	5.1	5.1	5.1	5.1	5.1	5.1
2	2	14	5.38	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39
2	2	15	6.06	6.09	6.09	6.09	6.11	6.11	6.11	6.1	6.1	6.1	6.1	6.1	6.1
2	2	16	7.16	7.09	7.09	7.09	7.16	7.16	7.16	7.09	7.09	7.09	7.09	7.09	7.09
2	2	17	7.54	7.59	7.59	7.59	7.68	7.68	7.68	7.59	7.59	7.59	7.59	7.59	7.59
2	2	18	7.54	7.49	7.49	7.49	7.34	7.34	7.34	7.49	7.49	7.49	7.49	7.49	7.49
2	2	19	5.96	5.99	5.99	5.99	5.98	5.98	5.98	5.99	5.99	5.99	5.99	5.99	5.99
2	2	20	4.23	4.3	4.3	4.3	4.32	4.32	4.32	4.29	4.29	4.29	4.29	4.29	4.29
2	2	21	3.43	3.4	3.4	3.4	3.48	3.48	3.48	3.39	3.39	3.39	3.39	3.39	3.39

Hour VMT Fraction

Road TypeID	dayID	hourID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
2	2	22	2.93	2.9	2.9	2.9	2.9	2.9	2.9	2.89	2.89	2.89	2.89	2.89	2.89
2	2	23	2.27	2.2	2.2	2.2	2.31	2.31	2.31	2.2	2.2	2.2	2.2	2.2	2.2
2	2	24	1.56	1.6	1.6	1.6	1.52	1.52	1.52	1.6	1.6	1.6	1.6	1.6	1.6
2	5	1	1.07	1	1	1	1.07	1.07	1.07	1	1	1	1	1	1
2	5	2	0.77	0.7	0.7	0.7	0.51	0.51	0.51	0.7	0.7	0.7	0.7	0.7	0.7
2	5	3	0.68	0.6	0.6	0.6	0.58	0.58	0.58	0.6	0.6	0.6	0.6	0.6	0.6
2	5	4	0.77	0.7	0.7	0.7	0.51	0.51	0.51	0.7	0.7	0.7	0.7	0.7	0.7
2	5	5	1.18	1.3	1.3	1.3	1.36	1.36	1.36	1.3	1.3	1.3	1.3	1.3	1.3
2	5	6	3.13	3.2	3.2	3.2	3.25	3.25	3.25	3.2	3.2	3.2	3.2	3.2	3.2
2	5	7	5.65	5.59	5.59	5.59	5.73	5.73	5.73	5.59	5.59	5.59	5.59	5.59	5.59
2	5	8	6.47	6.49	6.49	6.49	6.35	6.35	6.35	6.49	6.49	6.49	6.49	6.49	6.49
2	5	9	6.06	6.09	6.09	6.09	6.11	6.11	6.11	6.1	6.1	6.1	6.1	6.1	6.1
2	5	10	5.27	5.3	5.3	5.3	5.24	5.24	5.24	5.29	5.29	5.29	5.29	5.29	5.29
2	5	11	4.88	4.9	4.9	4.9	4.9	4.9	4.9	4.89	4.89	4.89	4.89	4.89	4.89
2	5	12	5	4.99	4.99	4.99	4.98	4.98	4.98	5	5	5	5	5	5
2	5	13	5	5.1	5.1	5.1	5.22	5.22	5.22	5.1	5.1	5.1	5.1	5.1	5.1
2	5	14	5.38	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39
2	5	15	6.06	6.09	6.09	6.09	6.11	6.11	6.11	6.1	6.1	6.1	6.1	6.1	6.1
2	5	16	7.16	7.09	7.09	7.09	7.16	7.16	7.16	7.09	7.09	7.09	7.09	7.09	7.09
2	5	17	7.54	7.59	7.59	7.59	7.68	7.68	7.68	7.59	7.59	7.59	7.59	7.59	7.59
2	5	18	7.54	7.49	7.49	7.49	7.34	7.34	7.34	7.49	7.49	7.49	7.49	7.49	7.49
2	5	19	5.96	5.99	5.99	5.99	5.98	5.98	5.98	5.99	5.99	5.99	5.99	5.99	5.99
2	5	20	4.23	4.3	4.3	4.3	4.32	4.32	4.32	4.29	4.29	4.29	4.29	4.29	4.29
2	5	21	3.43	3.4	3.4	3.4	3.48	3.48	3.48	3.39	3.39	3.39	3.39	3.39	3.39
2	5	22	2.93	2.9	2.9	2.9	2.9	2.9	2.9	2.89	2.89	2.89	2.89	2.89	2.89
2	5	23	2.27	2.2	2.2	2.2	2.31	2.31	2.31	2.2	2.2	2.2	2.2	2.2	2.2
2	5	24	1.56	1.6	1.6	1.6	1.52	1.52	1.52	1.6	1.6	1.6	1.6	1.6	1.6
3	2	1	0.16	0.8	0.8	0.8	1.84	1.84	1.84	0.73	0.73	0.73	0.73	0.73	0.73
3	2	2	0.16	0.49	0.49	0.49	3.08	3.08	3.08	0.41	0.41	0.41	0.41	0.41	0.41
3	2	3	0.16	0.4	0.4	0.4	0.94	0.94	0.94	0.33	0.33	0.33	0.33	0.33	0.33
3	2	4	0.16	0.6	0.6	0.6	2.35	2.35	2.35	0.52	0.52	0.52	0.52	0.52	0.52
3	2	5	1.15	1.49	1.49	1.49	2.17	2.17	2.17	1.5	1.5	1.5	1.5	1.5	1.5
3	2	6	3.58	3.89	3.89	3.89	3.37	3.37	3.37	3.93	3.93	3.93	3.93	3.93	3.93
3	2	7	6.03	5.89	5.89	5.89	5.35	5.35	5.35	5.93	5.93	5.93	5.93	5.93	5.93
3	2	8	7.47	6.89	6.89	6.89	5.6	5.6	5.6	6.92	6.92	6.92	6.92	6.92	6.92

Hour VMT Fraction

Road TypeID	dayID	hourID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
3	2	9	6.03	5.89	5.89	5.89	5.35	5.35	5.35	5.93	5.93	5.93	5.93	5.93	5.93
3	2	10	5.06	4.89	4.89	4.89	4.61	4.61	4.61	4.91	4.91	4.91	4.91	4.91	4.91
3	2	11	4.61	4.69	4.69	4.69	5.58	5.58	5.58	4.76	4.76	4.76	4.76	4.76	4.76
3	2	12	5.06	4.89	4.89	4.89	4.61	4.61	4.61	4.91	4.91	4.91	4.91	4.91	4.91
3	2	13	5.09	5.09	5.09	5.09	4.7	4.7	4.7	5.08	5.08	5.08	5.08	5.08	5.08
3	2	14	5.1	5.29	5.29	5.29	5.75	5.75	5.75	5.26	5.26	5.26	5.26	5.26	5.26
3	2	15	6.21	6.09	6.09	6.09	4.82	4.82	4.82	6.14	6.14	6.14	6.14	6.14	6.14
3	2	16	7.7	7.09	7.09	7.09	6.58	6.58	6.58	7.1	7.1	7.1	7.1	7.1	7.1
3	2	17	8.43	7.89	7.89	7.89	6.34	6.34	6.34	7.84	7.84	7.84	7.84	7.84	7.84
3	2	18	8.23	7.68	7.68	7.68	7.18	7.18	7.18	7.64	7.64	7.64	7.64	7.64	7.64
3	2	19	6.03	5.89	5.89	5.89	5.35	5.35	5.35	5.93	5.93	5.93	5.93	5.93	5.93
3	2	20	4.06	4.29	4.29	4.29	3.6	3.6	3.6	4.37	4.37	4.37	4.37	4.37	4.37
3	2	21	3.34	3.49	3.49	3.49	4.78	4.78	4.78	3.5	3.5	3.5	3.5	3.5	3.5
3	2	22	3.03	2.89	2.89	2.89	3.18	3.18	3.18	2.85	2.85	2.85	2.85	2.85	2.85
3	2	23	1.98	2.09	2.09	2.09	1.67	1.67	1.67	2.11	2.11	2.11	2.11	2.11	2.11
3	2	24	1.15	1.4	1.4	1.4	1.2	1.2	1.2	1.42	1.42	1.42	1.42	1.42	1.42
3	5	1	0.16	0.8	0.8	0.8	1.84	1.84	1.84	0.73	0.73	0.73	0.73	0.73	0.73
3	5	2	0.16	0.49	0.49	0.49	3.08	3.08	3.08	0.41	0.41	0.41	0.41	0.41	0.41
3	5	3	0.16	0.4	0.4	0.4	0.94	0.94	0.94	0.33	0.33	0.33	0.33	0.33	0.33
3	5	4	0.16	0.6	0.6	0.6	2.35	2.35	2.35	0.52	0.52	0.52	0.52	0.52	0.52
3	5	5	1.15	1.49	1.49	1.49	2.17	2.17	2.17	1.5	1.5	1.5	1.5	1.5	1.5
3	5	6	3.58	3.89	3.89	3.89	3.37	3.37	3.37	3.93	3.93	3.93	3.93	3.93	3.93
3	5	7	6.03	5.89	5.89	5.89	5.35	5.35	5.35	5.93	5.93	5.93	5.93	5.93	5.93
3	5	8	7.47	6.89	6.89	6.89	5.6	5.6	5.6	6.92	6.92	6.92	6.92	6.92	6.92
3	5	9	6.03	5.89	5.89	5.89	5.35	5.35	5.35	5.93	5.93	5.93	5.93	5.93	5.93
3	5	10	5.06	4.89	4.89	4.89	4.61	4.61	4.61	4.91	4.91	4.91	4.91	4.91	4.91
3	5	11	4.61	4.69	4.69	4.69	5.58	5.58	5.58	4.76	4.76	4.76	4.76	4.76	4.76
3	5	12	5.06	4.89	4.89	4.89	4.61	4.61	4.61	4.91	4.91	4.91	4.91	4.91	4.91
3	5	13	5.09	5.09	5.09	5.09	4.7	4.7	4.7	5.08	5.08	5.08	5.08	5.08	5.08
3	5	14	5.1	5.29	5.29	5.29	5.75	5.75	5.75	5.26	5.26	5.26	5.26	5.26	5.26
3	5	15	6.21	6.09	6.09	6.09	4.82	4.82	4.82	6.14	6.14	6.14	6.14	6.14	6.14
3	5	16	7.7	7.09	7.09	7.09	6.58	6.58	6.58	7.1	7.1	7.1	7.1	7.1	7.1
3	5	17	8.43	7.89	7.89	7.89	6.34	6.34	6.34	7.84	7.84	7.84	7.84	7.84	7.84
3	5	18	8.23	7.68	7.68	7.68	7.18	7.18	7.18	7.64	7.64	7.64	7.64	7.64	7.64
3	5	19	6.03	5.89	5.89	5.89	5.35	5.35	5.35	5.93	5.93	5.93	5.93	5.93	5.93

Hour VMT Fraction

Road TypeID	dayID	hourID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
3	5	20	4.06	4.29	4.29	4.29	3.6	3.6	3.6	4.37	4.37	4.37	4.37	4.37	4.37
3	5	21	3.34	3.49	3.49	3.49	4.78	4.78	4.78	3.5	3.5	3.5	3.5	3.5	3.5
3	5	22	3.03	2.89	2.89	2.89	3.18	3.18	3.18	2.85	2.85	2.85	2.85	2.85	2.85
3	5	23	1.98	2.09	2.09	2.09	1.67	1.67	1.67	2.11	2.11	2.11	2.11	2.11	2.11
3	5	24	1.15	1.4	1.4	1.4	1.2	1.2	1.2	1.42	1.42	1.42	1.42	1.42	1.42
4	2	1	1.05	1.1	1.1	1.1	1.15	1.15	1.15	1.1	1.1	1.1	1.1	1.1	1.1
4	2	2	0.69	0.7	0.7	0.7	0.77	0.77	0.77	0.7	0.7	0.7	0.7	0.7	0.7
4	2	3	0.57	0.6	0.6	0.6	0.68	0.68	0.68	0.6	0.6	0.6	0.6	0.6	0.6
4	2	4	0.57	0.6	0.6	0.6	0.68	0.68	0.68	0.6	0.6	0.6	0.6	0.6	0.6
4	2	5	1.22	1.2	1.2	1.2	1.22	1.22	1.22	1.19	1.19	1.19	1.19	1.19	1.19
4	2	6	3.29	3.29	3.29	3.29	3.32	3.32	3.32	3.29	3.29	3.29	3.29	3.29	3.29
4	2	7	5.38	5.38	5.38	5.38	5.37	5.37	5.37	5.38	5.38	5.38	5.38	5.38	5.38
4	2	8	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68
4	2	9	6.5	6.48	6.48	6.48	6.45	6.45	6.45	6.48	6.48	6.48	6.48	6.48	6.48
4	2	10	5.49	5.48	5.48	5.48	5.45	5.45	5.45	5.48	5.48	5.48	5.48	5.48	5.48
4	2	11	4.87	4.89	4.89	4.89	4.88	4.88	4.88	4.89	4.89	4.89	4.89	4.89	4.89
4	2	12	4.99	4.98	4.98	4.98	5.02	5.02	5.02	4.99	4.99	4.99	4.99	4.99	4.99
4	2	13	5.2	5.18	5.18	5.18	5.14	5.14	5.14	5.18	5.18	5.18	5.18	5.18	5.18
4	2	14	5.29	5.28	5.28	5.28	5.24	5.24	5.24	5.28	5.28	5.28	5.28	5.28	5.28
4	2	15	6.1	6.08	6.08	6.08	6.06	6.06	6.06	6.08	6.08	6.08	6.08	6.08	6.08
4	2	16	6.58	6.58	6.58	6.58	6.55	6.55	6.55	6.58	6.58	6.58	6.58	6.58	6.58
4	2	17	6.77	6.78	6.78	6.78	6.76	6.76	6.76	6.78	6.78	6.78	6.78	6.78	6.78
4	2	18	6.88	6.88	6.88	6.88	6.83	6.83	6.83	6.88	6.88	6.88	6.88	6.88	6.88
4	2	19	5.92	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88
4	2	20	4.62	4.59	4.59	4.59	4.45	4.45	4.45	4.59	4.59	4.59	4.59	4.59	4.59
4	2	21	3.69	3.69	3.69	3.69	3.65	3.65	3.65	3.69	3.69	3.69	3.69	3.69	3.69
4	2	22	3.29	3.29	3.29	3.29	3.32	3.32	3.32	3.29	3.29	3.29	3.29	3.29	3.29
4	2	23	2.6	2.59	2.59	2.59	2.61	2.61	2.61	2.59	2.59	2.59	2.59	2.59	2.59
4	2	24	1.75	1.79	1.79	1.79	1.84	1.84	1.84	1.8	1.8	1.8	1.8	1.8	1.8
4	5	1	1.05	1.1	1.1	1.1	1.15	1.15	1.15	1.1	1.1	1.1	1.1	1.1	1.1
4	5	2	0.69	0.7	0.7	0.7	0.77	0.77	0.77	0.7	0.7	0.7	0.7	0.7	0.7
4	5	3	0.57	0.6	0.6	0.6	0.68	0.68	0.68	0.6	0.6	0.6	0.6	0.6	0.6
4	5	4	0.57	0.6	0.6	0.6	0.68	0.68	0.68	0.6	0.6	0.6	0.6	0.6	0.6
4	5	5	1.22	1.2	1.2	1.2	1.22	1.22	1.22	1.19	1.19	1.19	1.19	1.19	1.19
4	5	6	3.29	3.29	3.29	3.29	3.32	3.32	3.32	3.29	3.29	3.29	3.29	3.29	3.29

Hour VMT Fraction

Road TypeID	dayID	hourID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
4	5	7	5.38	5.38	5.38	5.38	5.37	5.37	5.37	5.38	5.38	5.38	5.38	5.38	5.38
4	5	8	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68
4	5	9	6.5	6.48	6.48	6.48	6.45	6.45	6.45	6.48	6.48	6.48	6.48	6.48	6.48
4	5	10	5.49	5.48	5.48	5.48	5.45	5.45	5.45	5.48	5.48	5.48	5.48	5.48	5.48
4	5	11	4.87	4.89	4.89	4.89	4.88	4.88	4.88	4.89	4.89	4.89	4.89	4.89	4.89
4	5	12	4.99	4.98	4.98	4.98	5.02	5.02	5.02	4.99	4.99	4.99	4.99	4.99	4.99
4	5	13	5.2	5.18	5.18	5.18	5.14	5.14	5.14	5.18	5.18	5.18	5.18	5.18	5.18
4	5	14	5.29	5.28	5.28	5.28	5.24	5.24	5.24	5.28	5.28	5.28	5.28	5.28	5.28
4	5	15	6.1	6.08	6.08	6.08	6.06	6.06	6.06	6.08	6.08	6.08	6.08	6.08	6.08
4	5	16	6.58	6.58	6.58	6.58	6.55	6.55	6.55	6.58	6.58	6.58	6.58	6.58	6.58
4	5	17	6.77	6.78	6.78	6.78	6.76	6.76	6.76	6.78	6.78	6.78	6.78	6.78	6.78
4	5	18	6.88	6.88	6.88	6.88	6.83	6.83	6.83	6.88	6.88	6.88	6.88	6.88	6.88
4	5	19	5.92	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88
4	5	20	4.62	4.59	4.59	4.59	4.45	4.45	4.45	4.59	4.59	4.59	4.59	4.59	4.59
4	5	21	3.69	3.69	3.69	3.69	3.65	3.65	3.65	3.69	3.69	3.69	3.69	3.69	3.69
4	5	22	3.29	3.29	3.29	3.29	3.32	3.32	3.32	3.29	3.29	3.29	3.29	3.29	3.29
4	5	23	2.6	2.59	2.59	2.59	2.61	2.61	2.61	2.59	2.59	2.59	2.59	2.59	2.59
4	5	24	1.75	1.79	1.79	1.79	1.84	1.84	1.84	1.8	1.8	1.8	1.8	1.8	1.8
5	2	1	0.46	0.8	0.8	0.8	1.47	1.47	1.47	0.79	0.79	0.79	0.79	0.79	0.79
5	2	2	0.16	0.5	0.5	0.5	1.51	1.51	1.51	0.49	0.49	0.49	0.49	0.49	0.49
5	2	3	0.13	0.4	0.4	0.4	1.32	1.32	1.32	0.39	0.39	0.39	0.39	0.39	0.39
5	2	4	0.13	0.4	0.4	0.4	1.32	1.32	1.32	0.39	0.39	0.39	0.39	0.39	0.39
5	2	5	0.66	0.9	0.9	0.9	1.64	1.64	1.64	0.89	0.89	0.89	0.89	0.89	0.89
5	2	6	2.65	2.71	2.71	2.71	2.93	2.93	2.93	2.71	2.71	2.71	2.71	2.71	2.71
5	2	7	5.11	5.02	5.02	5.02	4.87	4.87	4.87	5.03	5.03	5.03	5.03	5.03	5.03
5	2	8	6.81	6.63	6.63	6.63	6.19	6.19	6.19	6.62	6.62	6.62	6.62	6.62	6.62
5	2	9	6.55	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44
5	2	10	5.38	5.23	5.23	5.23	4.84	4.84	4.84	5.24	5.24	5.24	5.24	5.24	5.24
5	2	11	4.8	4.73	4.73	4.73	4.82	4.82	4.82	4.73	4.73	4.73	4.73	4.73	4.73
5	2	12	4.99	4.91	4.91	4.91	4.3	4.3	4.3	4.92	4.92	4.92	4.92	4.92	4.92
5	2	13	5.52	5.32	5.32	5.32	4.88	4.88	4.88	5.33	5.33	5.33	5.33	5.33	5.33
5	2	14	5.6	5.43	5.43	5.43	5.11	5.11	5.11	5.44	5.44	5.44	5.44	5.44	5.44
5	2	15	6.24	6.06	6.06	6.06	5.6	5.6	5.6	6.07	6.07	6.07	6.07	6.07	6.07
5	2	16	7.08	6.89	6.89	6.89	6.33	6.33	6.33	6.9	6.9	6.9	6.9	6.9	6.9
5	2	17	7.83	7.66	7.66	7.66	6.98	6.98	6.98	7.65	7.65	7.65	7.65	7.65	7.65

Hour VMT Fraction

Road TypeID	dayID	hourID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
5	2	18	7.96	7.78	7.78	7.78	7.38	7.38	7.38	7.78	7.78	7.78	7.78	7.78	7.78
5	2	19	6.67	6.53	6.53	6.53	6.51	6.51	6.51	6.52	6.52	6.52	6.52	6.52	6.52
5	2	20	5.02	4.91	4.91	4.91	4.59	4.59	4.59	4.92	4.92	4.92	4.92	4.92	4.92
5	2	21	3.79	3.84	3.84	3.84	3.68	3.68	3.68	3.85	3.85	3.85	3.85	3.85	3.85
5	2	22	3.08	3.1	3.1	3.1	3.17	3.17	3.17	3.11	3.11	3.11	3.11	3.11	3.11
5	2	23	2.14	2.3	2.3	2.3	2.47	2.47	2.47	2.3	2.3	2.3	2.3	2.3	2.3
5	2	24	1.25	1.5	1.5	1.5	1.67	1.67	1.67	1.5	1.5	1.5	1.5	1.5	1.5
5	5	1	0.46	0.8	0.8	0.8	1.47	1.47	1.47	0.79	0.79	0.79	0.79	0.79	0.79
5	5	2	0.16	0.5	0.5	0.5	1.51	1.51	1.51	0.49	0.49	0.49	0.49	0.49	0.49
5	5	3	0.13	0.4	0.4	0.4	1.32	1.32	1.32	0.39	0.39	0.39	0.39	0.39	0.39
5	5	4	0.13	0.4	0.4	0.4	1.32	1.32	1.32	0.39	0.39	0.39	0.39	0.39	0.39
5	5	5	0.66	0.9	0.9	0.9	1.64	1.64	1.64	0.89	0.89	0.89	0.89	0.89	0.89
5	5	6	2.65	2.71	2.71	2.71	2.93	2.93	2.93	2.71	2.71	2.71	2.71	2.71	2.71
5	5	7	5.11	5.02	5.02	5.02	4.87	4.87	4.87	5.03	5.03	5.03	5.03	5.03	5.03
5	5	8	6.81	6.63	6.63	6.63	6.19	6.19	6.19	6.62	6.62	6.62	6.62	6.62	6.62
5	5	9	6.55	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44	6.44
5	5	10	5.38	5.23	5.23	5.23	4.84	4.84	4.84	5.24	5.24	5.24	5.24	5.24	5.24
5	5	11	4.8	4.73	4.73	4.73	4.82	4.82	4.82	4.73	4.73	4.73	4.73	4.73	4.73
5	5	12	4.99	4.91	4.91	4.91	4.3	4.3	4.3	4.92	4.92	4.92	4.92	4.92	4.92
5	5	13	5.52	5.32	5.32	5.32	4.88	4.88	4.88	5.33	5.33	5.33	5.33	5.33	5.33
5	5	14	5.6	5.43	5.43	5.43	5.11	5.11	5.11	5.44	5.44	5.44	5.44	5.44	5.44
5	5	15	6.24	6.06	6.06	6.06	5.6	5.6	5.6	6.07	6.07	6.07	6.07	6.07	6.07
5	5	16	7.08	6.89	6.89	6.89	6.33	6.33	6.33	6.9	6.9	6.9	6.9	6.9	6.9
5	5	17	7.83	7.66	7.66	7.66	6.98	6.98	6.98	7.65	7.65	7.65	7.65	7.65	7.65
5	5	18	7.96	7.78	7.78	7.78	7.38	7.38	7.38	7.78	7.78	7.78	7.78	7.78	7.78
5	5	19	6.67	6.53	6.53	6.53	6.51	6.51	6.51	6.52	6.52	6.52	6.52	6.52	6.52
5	5	20	5.02	4.91	4.91	4.91	4.59	4.59	4.59	4.92	4.92	4.92	4.92	4.92	4.92
5	5	21	3.79	3.84	3.84	3.84	3.68	3.68	3.68	3.85	3.85	3.85	3.85	3.85	3.85
5	5	22	3.08	3.1	3.1	3.1	3.17	3.17	3.17	3.11	3.11	3.11	3.11	3.11	3.11
5	5	23	2.14	2.3	2.3	2.3	2.47	2.47	2.47	2.3	2.3	2.3	2.3	2.3	2.3
5	5	24	1.25	1.5	1.5	1.5	1.67	1.67	1.67	1.5	1.5	1.5	1.5	1.5	1.5











### Month VMT Fraction

sourceTypeID	isLeapYear	monthID	monthVMTPercent
11	N	1	7.7
11	N	2	7.33
11	N	3	8.41
11	N	4	8.33
11	N	5	8.77
11	N	6	8.63
11	N	7	8.78
11	N	8	8.69
11	N	9	8.28
11	N	10	8.61
11	N	11	8.14
11	N	12	8.32
21	N	1	7.7
21	N	2	7.33
21	N	3	8.41
21	N	4	8.33
21	N	5	8.77
21	N	6	8.63
21	N	7	8.78
21	N	8	8.69
21	N	9	8.28
21	N	10	8.61
21	N	11	8.14
21	N	12	8.32
31	N	1	7.7
31	N	2	7.33
31	N	3	8.41
31	N	4	8.33
31	N	5	8.77
31	N	6	8.63
31	N	7	8.78

### Month VMT Fraction

sourceTypeID	isLeapYear	monthID	monthVMTPercent
31	N	8	8.69
31	N	9	8.28
31	N	10	8.61
31	N	11	8.14
31	N	12	8.32
32	N	1	7.7
32	N	2	7.33
32	N	3	8.41
32	N	4	8.33
32	N	5	8.77
32	N	6	8.63
32	N	7	8.78
32	N	8	8.69
32	N	9	8.28
32	N	10	8.61
32	N	11	8.14
32	N	12	8.32
41	N	1	7.7
41	N	2	7.33
41	N	3	8.41
41	N	4	8.33
41	N	5	8.77
41	N	6	8.63
41	N	7	8.78
41	N	8	8.69
41	N	9	8.28
41	N	10	8.61
41	N	11	8.14
41	N	12	8.32
42	N	1	7.7
42	N	2	7.33
42	N	3	8.41

### Month VMT Fraction

sourceTypeID	isLeapYear	monthID	monthVMTPercent
42	N	4	8.33
42	N	5	8.77
42	N	6	8.63
42	N	7	8.78
42	N	8	8.69
42	N	9	8.28
42	N	10	8.61
42	N	11	8.14
42	N	12	8.32
43	N	1	7.7
43	N	2	7.33
43	N	3	8.41
43	N	4	8.33
43	N	5	8.77
43	N	6	8.63
43	N	7	8.78
43	N	8	8.69
43	N	9	8.28
43	N	10	8.61
43	N	11	8.14
43	N	12	8.32
51	N	1	7.7
51	N	2	7.33
51	N	3	8.41
51	N	4	8.33
51	N	5	8.77
51	N	6	8.63
51	N	7	8.78
51	N	8	8.69
51	N	9	8.28
51	N	10	8.61
51	N	11	8.14

### Month VMT Fraction

sourceTypeID	isLeapYear	monthID	monthVMTPercent
51	N	12	8.32
52	N	1	7.7
52	N	2	7.33
52	N	3	8.41
52	N	4	8.33
52	N	5	8.77
52	N	6	8.63
52	N	7	8.78
52	N	8	8.69
52	N	9	8.28
52	N	10	8.61
52	N	11	8.14
52	N	12	8.32
53	N	1	7.7
53	N	2	7.33
53	N	3	8.41
53	N	4	8.33
53	N	5	8.77
53	N	6	8.63
53	N	7	8.78
53	N	8	8.69
53	N	9	8.28
53	N	10	8.61
53	N	11	8.14
53	N	12	8.32
54	N	1	7.7
54	N	2	7.33
54	N	3	8.41
54	N	4	8.33
54	N	5	8.77
54	N	6	8.63
54	N	7	8.78

### Month VMT Fraction

sourceTypeID	isLeapYear	monthID	monthVMTPercent
54	N	8	8.69
54	N	9	8.28
54	N	10	8.61
54	N	11	8.14
54	N	12	8.32
61	N	1	7.7
61	N	2	7.33
61	N	3	8.41
61	N	4	8.33
61	N	5	8.77
61	N	6	8.63
61	N	7	8.78
61	N	8	8.69
61	N	9	8.28
61	N	10	8.61
61	N	11	8.14
61	N	12	8.32
62	N	1	7.7
62	N	2	7.33
62	N	3	8.41
62	N	4	8.33
62	N	5	8.77
62	N	6	8.63
62	N	7	8.78
62	N	8	8.69
62	N	9	8.28
62	N	10	8.61
62	N	11	8.14
62	N	12	8.32



**Avg Speed  
Distribution**

Road Type ID	Avg Speed Bin ID	Hr D15	Hr D25	Hr D35	Hr D45	Hr D55	Hr D65	Hr D75	Hr D85	Hr D95	Hr D105	Hr D115	Hr D125	Hr D135	Hr D145	Hr D155	Hr D165	Hr D175	Hr D185	Hr D195	Hr D205	Hr D215	Hr D225	Hr D235	Hr D245
1	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.16	46.73	0	0	0	0	0	0
2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46.12	0	10.8	0	0	0	0	0	0
2	12	0	0	0	0	0	0	0	28.72	0	0	0	0	0	0	0	9.14	0	0	0	0	0	0	0	0
2	13	0.07	0.07	0.07	0.07	0.07	0.07	8.3	23.84	43.28	0.1	0.07	0.07	0.07	0.11	43.28	0.06	0.06	0.06	35.18	0.07	0.07	0.07	0.07	0.07
2	14	2.82	2.8	2.82	2.8	2.82	5.06	47.04	10.52	15.69	47.43	31.06	34.49	38.17	52.48	15.69	14.81	20.51	19.05	23.06	15.61	6.07	3.93	3.11	2.83

**Avg Speed Distribution**

Road Type ID	Avg Speed Bin ID	Hr D15	Hr D25	Hr D35	Hr D45	Hr D55	Hr D65	Hr D75	Hr D85	Hr D95	Hr D105	Hr D115	Hr D125	Hr D135	Hr D145	Hr D155	Hr D165	Hr D175	Hr D185	Hr D195	Hr D205	Hr D215	Hr D225	Hr D235	Hr D245	
2	15	95.8	95.81	95.8	95.81	95.79	93.8	44.45	36.91	41.01	52.23	68.62	65.19	61.51	47.21	41.01	29.86	21.28	23.36	41.74	83.81	92.88	94.69	95.51	95.79	
2	16	1.31	1.31	1.31	1.31	1.31	1.07	0.21	0.01	0.03	0.25	0.25	0.25	0.25	0.21	0.03	0.01	0	0	0.03	0.51	0.98	1.31	1.31	1.31	
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	6	0.01	0.01	0.01	0.01	0.04	0.25	0.83	1.8	0.83	0.41	0.36	0.41	0.43	0.46	1.03	2.01	2.93	2.64	0.83	0.3	0.2	0.14	0.07	0.03	
3	7	9.71	9.51	9.98	9.64	9.91	10.39	10.96	10.58	10.96	10.72	10.67	10.72	10.82	10.94	10.87	10.52	11.31	11.06	10.96	10.48	10.27	10.1	9.93	9.89	
3	8	2.82	2.84	2.77	2.8	2.99	4.4	7.79	15.22	7.79	5.49	5.02	5.49	5.77	6.18	8.58	17.99	25.85	24.07	7.79	4.78	4.05	3.58	3.19	2.98	
3	9	18.4	18.44	18.32	18.51	18.67	21.98	33.87	33.37	33.87	27.38	26.08	27.38	28.57	30.03	34.86	31.32	25.42	26.78	33.87	23.09	21.29	20.35	19.39	18.68	
3	10	17.49	17.23	16.86	17.2	18.72	28.7	21.96	16.48	21.96	27.57	28.64	27.57	26.84	25.58	20.72	16.09	19.15	18.14	21.96	30.2	26.53	23.73	20.35	18.46	
3	11	33.23	33.61	33.71	33.5	31.51	16.14	13.52	19.11	13.52	10.6	11.14	10.6	10.96	11.69	14.18	20.52	14.71	16.62	13.52	12.93	19.53	24.03	28.93	31.84	
3	12	0.66	0.54	0.48	0.59	1.65	11.57	10.74	3.21	10.74	17.06	16.68	17.06	16.04	14.64	9.45	1.35	0.48	0.52	10.74	14.37	9.59	6.69	3.65	1.44	
3	13	17.65	17.78	17.83	17.7	16.49	6.56	0.33	0.22	0.33	0.78	1.42	0.78	0.57	0.47	0.3	0.2	0.15	0.16	0.33	3.85	8.54	11.39	14.5	16.66	
3	14	0.02	0.05	0.05	0.05	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	
3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	7	1.21	1.21	1.21	1.21	1.21	1.2	1.17	1.08	1.1	1.17	1.19	1.18	1.18	1.17	1.13	1.09	1.07	1.07	1.15	1.19	1.2	1.2	1.2	1.21	
4	8	0.46	0.45	0.45	0.45	0.45	0.45	0.44	0.74	0.42	0.44	0.45	0.45	0.44	0.44	0.43	0.55	0.89	1.15	0.43	0.45	0.45	0.45	0.46	0.45	
4	9	0.26	0.26	0.26	0.26	0.26	0.26	0.25	4.64	1.2	0.25	0.25	0.25	0.25	0.25	0.27	2.22	8.47	12.91	0.24	0.25	0.26	0.26	0.26	0.26	
4	10	0.22	0.22	0.22	0.22	0.22	0.23	0.35	17.3	14.6	0.44	0.28	0.29	0.33	0.34	2.72	17.11	15.03	11.61	0.88	0.25	0.24	0.23	0.22	0.22	
4	11	5.39	5.39	5.38	5.38	5.38	5.38	6.84	11.07	14.8	8.35	5.3	5.33	5.48	5.97	21.5	12.34	11.7	13	17.43	5.32	5.37	5.38	5.39	5.39	
4	12	0.49	0.49	0.49	0.49	0.49	1.36	22.94	21.98	19.78	23.25	14.81	16.72	20.74	22.12	17.31	21.21	21.18	20.05	20.52	10.21	2.34	1.36	0.56	0.49	
4	13	65.67	65.67	65.68	65.68	65.68	64.84	44.15	27.33	31.4	42.64	52.06	50.38	46.88	45.41	38.01	29.21	26.11	25.16	38.8	56.23	63.9	64.84	65.59	65.67	



### Road Type Distribution

roadTypeID	ST11	ST21	ST31	ST32	ST41	ST42	ST43	ST51	ST52	ST53	ST54	ST61	ST62
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	5.62	5.37	5.37	5.37	8.56	8.56	8.56	9.91	9.91	9.91	9.91	9.91	9.91
3	6.02	7.62	7.62	7.62	11.86	11.86	11.86	8.72	8.72	8.72	8.72	8.72	8.72
4	44.39	42.76	42.76	42.76	40.74	40.74	40.74	46.32	46.32	46.32	46.32	46.32	46.32
5	43.97	44.25	44.25	44.25	38.85	38.85	38.85	35.05	35.05	35.05	35.05	35.05	35.05

**Ramp Fraction (RoadType Table in MOVES)**

<b>roadTypeID</b>	<b>rampFraction</b>
2	0.08
4	0.08