Appendix B

Tab Explanations

TAB NAME	COMMENT	Complete (NFA)
Biogenics 2017	Biogenics emissions downloaded from EPA with the URL noted in the sheet.	X
Point-NAICS	Point emissions match Point Source database once BWI and Aberdeen Proving Grounds subtracted out. (BWI, APG & Port are in the Quasi-Point file) - GF from DLLR 2018-2028	X
Area All Years	Nonpoint/Area Source emissions match emissions sent to EPA as part of the 2017 BY EI SIP inventory.	X
Mobile All Years		
Quasi-Pt 2017	Quasi-Point emissions match 2017 EPA EI Submission for Marginal SIP requirements.	X
Quasi-Pt GF	Growth Factors are valid	X
M-A-R	M-A-R emissions match 2017 EPA EI Submission for Marginal SIP requirements.	X
MOVES3-NR	MOVES3-NR emissions match 2017 EPA EI Submission for Marginal SIP requirements.	X
Benefits	C&C Products PH III & IV VOC - 10.3% Reduction Effective Date after 2017 All Nonroad and Onroad Mobile Measures	

Summary Excel Tab

Projected Controlled Emission Inventory - Baltimore Nonattainment Area

Projected Controlled Emissions

	VOC Emissions		NOx Emissions	
Source	**2017**	**2023**	**2017**	**2023**
Biogenics	126.90	126.90	3.92	3.92
Mobile	22.01	17.12	51.15	32.09
Point	5.73	5.98	47.53	48.49
Area	72.23	73.08	10.93	11.55
M-A-R	0.93	1.00	7.44	8.56
Nonroad	21.58	18.77	13.13	9.99
Quasi Point	1.31	1.44	7.27	8.04
Total	123.79	117.38	137.45	118.72

2023 TL Contingency Demo Excel Tab

VOC Target Level for 2023 Milestone
Baltimore Nonattainment Area
Emissions in Tons per Day

		Formula	
A	2017 Base Year Inventory		250.69
B	Biogenic Emissions		126.90
C	2017 Rate-of Progress Base Year Inventory	A - B	123.79
D	FMVCP/RVP Reductions Between 2017 and 2023		0.00
E	2017 Adjusted Base Year Inventory Calculated Relative to 2023	C - D	123.79
F	Ratio		0.0450
G	Emissions Reductions Required Between 2017 and 2023	E * F	5.57
H	Target Level for 2023 [$TL_{(2023)}$]	C - D - G	118.22
	Emission Level Obtained 2023 - No Buffer		117.38
J	Contingency Requirements - Mobile Buffer	0.28%	0.35
	Emission Level Obtained 2023 with Enforceable Conformity Budget Buffer		117.73

NOx Target Level for 2023 Milestone
Baltimore Nonattainment Area
Emissions in Tons per Day

		Formula	
A	2017 Base Year Inventory		141.37
B	Biogenic Emissions		3.92
C	2017 Rate-of Progress Base Year Inventory	A - B	137.45
D	FMVCP/RVP Reductions Between 2017 and 2023		0.00
E	2017 Adjusted Base Year Inventory Calculated Relative to 2023	C - D	137.45
F	Ratio		0.1050
G	Emissions Reductions Required Between 2017 and 2023	E * F	14.43
H	Target Level for 2023 [$TL_{(2023)}$]	C - D - G	123.02
	Emission Level Obtained 2023 - No Buffer		118.72
J	Contingency Requirements - Mobile Buffer	2.56%	3.17
	Emission Level Obtained 2023 with Enforceable Conformity Budget Buffer		121.89

Contingency Reduction Requirement

Total VOC & NOx Contingency Requirements 3% of 2017 Adjusted Base Year	3.52
10% must be VOC	0.35
Remainder (90%) NOx	3.17
	3.52

Mobile All Years

Baltimore Region Ozone Emissions Summary Using MOVES3 [MOVESDB20220105]

July Weekday

Analysis Year	VMT	Emissions (Tons/Day)	
		VOC	NOx
2017 (Base Year)	78,929,008	22.01	51.15
2023	83,094,737	17.12	32.09
	Tons / Day Reduced	4.89	19.06
	Percent Reduction	22.2%	37.3%

Note:

2017 Run: Using 2017 SHA-Base Input Assumptions with existing emission standards/ controlled measures in MOVES3 **2023 Run**: Using 2020 SHA-Base Input Assumptions with existing emission standards/ controlled measures in MOVES3

2023	**Motor Vehicle Emission Budget**	**17.47**	**35.26**

Biogenics 2017

region_cd	state	county	poll	ann_value	jan_value	feb_value	mar_value	apr_value	may_value	jun_value	jul_value	aug_value	sep_value	oct_value	nov_value	dec_value		Ozone Season Total	Ozone Season TPD
24003	Maryland	Anne Arundel Co	CO	714.95478	5.7504	7.289	16.13863	59.9841	71.2778	117.4851	143.4439	115.3282	88.2001	66.1764	18.4156	5.46555			
24005	Maryland	Baltimore Co	CO	688.75136	4.84708	6.24113	14.68739	58.0918	69.0731	114.6904	139.4503	111.2048	85.06	64.7349	16.2085	4.46196			
24013	Maryland	Carroll Co	CO	461.85412	3.63443	4.78156	10.51593	39.8289	47.023	75.6252	92.2305	74.8078	56.2251	43.1795	10.69722	3.30498			
24025	Maryland	Harford Co	CO	637.28465	4.31635	5.35492	12.74086	51.5115	63.0971	105.9466	130.0651	104.4737	80.0313	60.5021	15.2556	3.98952			
24027	Maryland	Howard Co	CO	385.20809	2.83932	3.73409	8.65875	33.4354	38.8361	63.49	77.2422	62.6585	46.8654	35.7388	9.11734	2.59219			
24510	Maryland	Baltimore	CO	244.7887	1.93658	2.50547	5.30789	20.3585	24.1931	41.1544	49.9904	39.1278	29.915	22.6415	5.86117	1.79689			
		BNAA	CO						313.5002	518.3917	632.4224	507.6008	386.2969					2358.212	15.41315
24003	Maryland	Anne Arundel Co	NOX	127.23945	5.46363	6.0189	6.60309	15.3686	13.402	14.6883	16.7951	14.4382	12.0623	10.4782	6.8352	5.08593			
24005	Maryland	Baltimore Co	NOX	211.7323587	8.428481	9.3505	9.94513	25.4097	25.7754	25.1057	28.9869	24.3229	19.251	16.8408	10.702	7.6138477			
24013	Maryland	Carroll Co	NOX	288.3054505	11.08669	12.3712	13.09185	36.3112	37.8954	34.1602	39.5366	32.4668	25.3349	22.1857	14.0048	9.8601105			
24025	Maryland	Harford Co	NOX	228.400984	8.95961	9.8298	10.49805	30.3985	27.8198	26.8718	30.9462	25.5483	20.3811	17.7359	11.3782	8.033724			
24027	Maryland	Howard Co	NOX	140.2659297	5.830464	6.50246	6.98644	16.0935	16.3074	16.5049	19.0301	15.9898	13.0312	11.3994	7.2785	5.3117657			
24510	Maryland	Baltimore	NOX	40.4424629	1.756969	1.93486	2.10236	4.03547	4.22858	4.8378	5.4496	4.7612	3.9963	3.50518	2.20912	1.6250239			
		BNAA	NOX						125.42858	122.1687	140.7445	117.5272	94.0568					599.9258	3.921084
24003	Maryland	Anne Arundel Co	VOC	6473.6455	22.5785	33.6466	91.1507	505.2611	655.1788	1332.789	1565.797	1106.175	683.2826	377.2274	79.2876	21.2712			
24005	Maryland	Baltimore Co	VOC	5533.6396	15.9553	24.2815	71.1884	422.1886	552.565	1132.408	1364.962	961.1021	589.9588	325.0773	59.3474	14.6052			
24013	Maryland	Carroll Co	VOC	2446.4198	10.1043	15.5945	38.3376	192.8951	246.7122	474.1928	579.0073	421.9927	265.4768	161.2696	31.6448	9.1921			
24025	Maryland	Harford Co	VOC	4932.5726	13.5567	19.8143	58.7168	357.4283	488.1744	1006.995	1202.582	870.8131	545.9372	299.7565	56.2886	12.5097			
24027	Maryland	Howard Co	VOC	2813.06341	8.01149	12.5562	38.5633	224.2045	283.8346	569.5164	684.2645	491.6752	296.1246	166.5979	30.4334	7.28132			
24510	Maryland	Baltimore	VOC	1279.46783	5.17355	7.5245	18.9113	99.0727	126.9002	255.5794	304.1052	217.3047	139.5499	83.3083	17.2642	4.77388			
		BNAA	VOC						2353.3652	4771.4806	5700.718	4069.0628	2520.3299					19414.96	126.8951

Source of Data: https://www.epa.gov/air-emissions-inventories/2017-national-emissions-inventory-nei-data#dataq
https://gaftp.epa.gov/air/nei/2017/data_summaries/2017v1/2017nei_beld5_biogenics_report.xlsx

Point-NAIC

State CountyFIPS	State Facility Identier	Facility Name	NAICS-2 Digits	NAICS	Emission Unit ID	Process ID	CO	NOX	VOC	GF-2023	GF-2023ADJ	2023_CO	2023_NOX	2023_VOC
	003-0023 Total						0.01872	0.054945	0.012			0.020779913	0.060991042	0.012854241
	003-0033 Total						0.087	0.104	0.006			0.08996616	0.107331604	0.00588911
	003-0043 Total						0.133	0.027	0.033			0.133355	0.02667096	0.032825799
	003-0056 Total						1.164	0.068	0.002			1.163647	0.068006	0.002174
	003-0060 Total						0.076	0.018	0.018			0.07554	0.017685	0.01812
	003-0118 Total						0.004533	0.0053985	0.028			0.004533	0.0053985	0.027722
	003-0193 Total						0.027	0.052	0.002			0.030554206	0.058322489	0.002380658
	003-0250 Total						0.075752	0.1513	0.060			0.075752	0.1513	0.060464
	003-0276 Total						0.0021	0.00255	0.019			0.0021	0.00255	0.019
	003-0309 Total						0.019	0.007	0.139			0.01852	0.007425	0.138875
	003-0310 Total						0.124	0.142	0.006			0.136390725	0.155460103	0.006167538
	003-0316 Total						0.173798	0.0570365	0.055			0.179618147	0.058946538	0.056716788
	003-0317 Total						0.24581	0.860345	0.102			0.254041685	0.889156233	0.105012716
	003-0322 Total						0.056	0.075783	0.039			0.057974026	0.078320821	0.039862562
	003-0468 Total						2.914	11.258	0.339			2.91359	11.258015	0.3394485
	003-0548 Total						0.000	0.000	0.000			0.000254085	0.00030248	0.000016635
	003-0826 Total						0.059	0.020	0.0132125			0.058562	0.0196935	0.0132125
	003-0886 Total						0.008	0.017	0.001			0.008268479	0.017187133	0.000549143
	003-0984 Total						0.047	0.076	0.004			0.048718624	0.078307386	0.003679217
	003-1460 Total						0.007	0.032	0.003			0.00687	0.0319	0.002605
	003-1471 Total						0.282	0.052	0.007			0.292029982	0.0542408	0.006993799
	005-0002 Total						0.0866495	0.12847	0.007			0.094990059	0.140836044	0.007606374
	005-0003 Total						0.004	0.016	0.001			0.0035115	0.0163785	0.001183
	005-0039 Total						0.045	0.144	0.006			0.05109267	0.162424709	0.006904872
	005-0076 Total						0.281	1.615	0.007			0.2805	1.615	0.00715
	005-0078 Total						0.003	0.656	0.000			0.00305	0.6555	0.00038
	005-0079 Total						1.598	8.371	0.022985			1.59803	8.37083	0.022985
	005-0146 Total						0.01245	0.0148	0.060			0.012782261	0.015194976	0.061780926
	005-0148 Total						0.00059	0.0007	0.050			0.00059	0.0007	0.0502
	005-0184 Total						0.0081423	0.0104295	0.001			0.0081423	0.0104295	0.0008713
	005-0236 Total						0.010	0.012	0.013			0.011017128	0.0131151	0.014830109
	005-0256 Total						0.004	0.015	0.001			0.00371108	0.0149278	0.00118355
	005-0282 Total						0.02245	0.06835	0.005			0.023201806	0.070638905	0.005322463
	005-0332 Total						0	0	0.123			0	0	0.136305996
	005-0400 Total						0.027	0.118	0.003			0.030440107	0.132710065	0.00379091
	005-0812 Total						0.2195045	0.0729295	0.053			0.2195045	0.0729295	0.0527615
	005-0979 Total						0.019	0.016	0.089			0.020868716	0.017727308	0.098798939
	005-1149 Total						0.000045	0.000535	0.106			0.000045	0.000535	0.106205
	005-1484 Total						0.021	0.025	0.002			0.0209835	0.02498	0.001545
	005-1809 Total						0.094	0.029	0.023			0.09415	0.0288205	0.0234305
	005-2075 Total						0.027	0.015	0.020			0.028187602	0.015873334	0.020447797
	005-2152 Total						0.018	0.011	0.001			0.01828749	0.010884424	0.001196717
	005-2196 Total						0.001	0.001	0.017			0.0008665	0.0010315	0.01706
	005-2262 Total						0.004	0.02233	0.0015			0.004178148	0.023136525	0.001554178
	005-2305 Total						0.0016	0.0019	0.106			0.0016	0.0019	0.105535
	005-2322 Total						0.042	0.055	0.003			0.041665	0.05493	0.003214
	005-2407 Total						0.01187	0.01411	0.033			0.013173897	0.015659957	0.036143314
	005-2436 Total						0.098	0.028	0.022			0.097695	0.0284205	0.0221655
	005-2581 Total						0.121	0.027	0.009			0.12119	0.02743	0.00889
	005-2684 Total						0.000	0.000	0.084			0.00017	0.0002	0.08358
	005-2824 Total						0.000335	0.000395	0.003			0.000335	0.000395	0.002925
	005-2843 Total						0.009	0.042	0.003			0.009428678	0.043620586	0.003470997
	013-0012 Total						4.86107	8.050975	0.145			4.86107	8.050975	0.145428
	013-0013 Total						0.062	0.074	0.004			0.062235	0.074085	0.004075
	013-0046 Total						0.065	0.023	0.014			0.06521	0.023293	0.013863
	013-0056 Total						0.00058	0.00268	0.180			0.000634876	0.002933565	0.197330426
	013-0098 Total						0.130	0.037	0.0149615			0.130042	0.0372585	0.0149615
	013-0102 Total						0.240	0.042	0.022873825			0.240010645	0.041572675	0.022873825
	013-0110 Total						0.184	0.013	0.004			0.1839445	0.013228	0.00379
	013-0242 Total						0.004	0.020	0.003			0.004000453	0.021136298	0.002878855
	013-0394 Total						0.021	0.079	0.002			0.020905234	0.078702053	0.002014281
	025-0005 Total						0.058	0.050	0.003			0.0578775	0.0502395	0.003351
	025-0006 Total						0.022333	0.0478695	0.049			0.022333	0.0478695	0.048807
	025-0024 Total						0.077	2.784	0.014			0.07725	2.7836	0.01405
	025-0031 Total						0.070	0.027	0.021			0.06986	0.026965	0.02086
	025-0056 Total						0.101	0.052	0.029			0.10145	0.0524	0.02939
	025-0076 Total						0.000	0.000	0.033			8.2096E-05	0.000394061	0.036286451
	025-0286 Total						0.022	0.026	0.002			0.024272648	0.028983094	0.001726109
	025-0333 Total						0.006	0.024	0.001			0.00633	0.023835	0.00061
	025-0360 Total						0.021	0.024	0.003			0.022126309	0.025307193	0.003030646
	025-0423 Total						0.008	0.009	0.105			0.007545	0.008985	0.10486
	025-0434 Total						0.018	0.045	0.025			0.018344587	0.045181851	0.024878965
	025-0525 Total						0	0	0.049			0	0	0.04905
	025-0558 Total						0.0174	0.020715	0.112			0.0174	0.020715	0.1115085
	025-0630 Total						0	0	0.026			0	0	0.02605
	027-0050 Total						0.029592015	0.044630169	0.003			0.031794561	0.047952011	0.002692866
	027-0052 Total						0.021	0.017	0.003			0.023491736	0.018455493	0.003115877
	027-0080 Total						0.014	0.008	0.014			0.0136895	0.0081485	0.0137315
	027-0127 Total						0	0	0.003			0	0	0.002815
	027-0223 Total						0.550	1.050	0.957			0.602256567	1.149454055	1.047819155
	027-0260 Total						0.011	0.042	0.001			0.011195129	0.042146528	0.001077208
	027-0364 Total						0.126	0.043	0.014			0.130758147	0.044708511	0.014091211
	027-0535 Total						0.117	0.051	0.030			0.1173945	0.050998875	0.029663228
	027-0612 Total						0.050	0.010	0.012			0.050271	0.01005416	0.01237435
	510-0001 Total						0.252	0.429	0.023			0.284070056	0.483645686	0.025885373
	510-0006 Total						0.260	0.997	0.007			0.2595	0.997	0.0065
	510-0007 Total						0.310	0.648	0.021			0.31	0.648	0.0205
	510-0069 Total						0.075	0.015	0.017705			0.07465	0.014605	0.017705
	510-0071 Total						0.03962	0.122995	0.008			0.03962	0.122995	0.008175
	510-0076 Total						0.345	0.344	0.022			0.3451	0.34415	0.02205
	510-0077 Total						0.033	0.080	0.003			0.036001056	0.088089673	0.003009223
	510-0078 Total						0.017	0.077	0.003			0.019892826	0.092867294	0.003545196
	510-0088 Total						0.018	0.041	0.001			0.022192087	0.049478664	0.001679304
	510-0106 Total						0.09491	0.112985	0.049			0.09491	0.112985	0.04916
	510-0119 Total						0.042	0.017	0.137			0.0415	0.0165	0.1368135
	510-0171 Total						0.116	0.023	0.029			0.11601	0.0232	0.028555
	510-0233 Total						0.237	0.110	0.055			0.237125	0.10975	0.05536
	510-0265 Total						0.003	0.456	0.000			0.00275	0.4555	0.00035
	510-0283 Total						0.010	0.012	0.030			0.011555496	0.013758922	0.032784975
	510-0286 Total						0.0042	0.005215	0.022			0.0042	0.005215	0.02183
	510-0301 Total						0.012	0.014	0.244			0.013054048	0.015540533	0.27082709
	510-0314 Total						0.341925	0.2199	0.035			0.37954977	0.244097373	0.038662626
	510-0337 Total						0.02154	0.00046	0.022			0.023906128	0.00051053	0.024960484
	510-0376 Total						0.011	0.014	0.001			0.011405	0.013853	0.0009445
	510-0651 Total						0.102	0.184	0.007			0.1024	0.1835	0.006705
	510-0660 Total						0.023	0.011	0.002			0.02305	0.0113	0.001505
	510-0677 Total						0.0000815	0.0003253	0.127			0.0000815	0.0003253	0.1273877
	510-0703 Total						0.001545	0.000765	0.116			0.001545	0.000765	0.11577
	510-0728 Total						0.005	0.002	0.177			0.004535	0.001815	0.1767125
	510-0730 Total						0.000	0.000	0.130			1.99807E-05	0.00014708	0.143908666
	510-0754 Total						0	0	0.035			0	0	0.034745
	510-0918 Total						0.136	0.306	0.179			0.153351459	0.345003635	0.202272141
	510-1045 Total						0.0876132	0.0393445	0.011			0.0876132	0.0393445	0.01122684
	510-1158 Total						0.097	0.165	0.007			0.106098972	0.181248874	0.007807011
	510-1322 Total						0.005	0.006	0.047			0.005472488	0.006504823	0.052721258
	510-1400 Total						0.003	0.004	0.036			0.00349	0.004155	0.03576
	510-1665 Total						0.010	0.264	0.010			0.009920834	0.273276238	0.009920834
	510-1886 Total						0.219	3.220	0.008			0.219	3.22	0.0079

	510-1923 Total						0.010352	0.012325	0.089			0.010352	0.012325	0.0889265
	510-1986 Total						0	0	0.024			0	0	0.024085
	510-2091 Total						0.018045	0.02293	0.033			0.020928398	0.026593969	0.037774338
	510-2244 Total						0	0	0.060			0	0	0.062244815
	510-2260 Total						0.000955	0.001135	0.015			0.000989493	0.001175994	0.015583739
	510-2293 Total						0.023	0.004	0.004			0.023898072	0.004393142	0.004149654
	510-2781 Total						0	0	0.016			0	0	0.015715
	510-2796 Total						0.271	0.801	0.017			0.27076	0.8012	0.01717
	510-2857 Total						0.030	0.002	0.001			0.033689656	0.002608589	0.000688224
	510-2871 Total						0.011	0.013	0.053			0.011587949	0.013794881	0.054867652
	510-2975 Total						0.004	0.112	0.000			0.004209624	0.122232575	0.000115107
	510-3032 Total						0.0561825	0.264	0.021			0.0561825	0.26445	0.0208355
	510-3065 Total						0.010677	0.038187	0.008			0.010677	0.038187	0.007975
	510-3078 Total						0.125	0.318	0.007			0.129514805	0.329874208	0.007024883
	510-3157 Total						0.017	0.010	0.001			0.01705	0.010145	0.001115
	510-3237 Total						0.039	0.079	0.005			0.03935	0.07945	0.00451
	510-3253 Total						0.007	0.033	0.003			0.007248175	0.033631945	0.002634761
	510-3258 Total						0	0	0.038			0	0	0.041209778
	510-3406 Total						0.077	0.198	0.007			0.082902397	0.214834898	0.007302817
	510-3465 Total						0.001	0.001	0.000			0.000518059	0.000932507	7.25283E-05
	510-3488 Total						0.043845	0.3366	0.008			0.049467994	0.379767975	0.008755198
	510-3600 Total						0.004	0.004	0			0.003900986	0.00411339	0
	510-3601 Total						0.002545	0.00326	0.005			0.002778941	0.003559665	0.005890918
	510-3645 Total						0	0.0069	0.037			0	0.0069	0.03711
	Grand Total						18.90190216	47.53029746	5.728730791			19.17780391	48.03324561	5.982436735
ERC	**025-0212 Total**	**Harford County RRF ERC**					0	0.0000	0			0	0.4575	0
	ERC TOTAL	ALL ERCs					0	0	0			0	0.4575	0

Area All Years

State County FIPs Code	SCC (AMS)	Ozone NAA	Emission Process Description	CO	NOX	VOC	GF 2023	Basis	Data Source	2023CO	2023NOX	2023VOC	Pollutant Controlled	Control Factor (CF)	Control Program	Reductions	2023 Controlled CO Inv	2023 Controlled NOx Inv	2023 Controlled VOC Inv		
24003	2102004001	BNAA	ICI_Oil	0.001708344	0.006833375	0.000068334	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.001797128	0.007188513	7.18851E-05					0.0017971	0.0071885	7.189E-05		
24003	2102004002	BNAA	ICI_Oil	0.029611295	0.137578622	0.009566724	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.031150227	0.144728738	0.010063918					0.0311502	0.1447287	0.0100639		
24003	2102005000	BNAA	ICI_Oil	0.000151092	0.001662013	0.000008461	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.000158945	0.00174839	8.9009E-06					0.0001589	0.0017484	8.901E-06		
24003	2102006000	BNAA	ICI_NG	0.216019135	0.257165641	0.014144109	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.227245893	0.27053083	0.014879194					0.2272459	0.2705308	0.0148792		
24003	2102007000	BNAA	ICI_Other	0.000313121	0.000559060	0.000020429	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.000329394	0.000588115	2.14912E-05					0.0003294	0.0005881	2.149E-05		
24003	2102008000	BNAA	ICI_Biomass	0.865490705	0.317346603	0.024522237	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.910471235	0.333839464	0.025796686					0.9104712	0.3338395	0.0257967		
24003	2102011000	BNAA	ICI_Oil	0.000076294	0.000305336	0.000003007	1.05197113	EMP	BMC Round v9A Cooperative Forecast	8.02594E-05	0.000321204	3.16375E-06					8.026E-05	0.0003212	3.164E-06		
24003	2103004001	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000385293	0.001541174	0.000026200	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.000405317	0.00162127	2.75616E-05					0.0004053	0.0016213	2.756E-05		
24003	2103004002	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000527244	0.002449655	0.000170340	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.000554645	0.002576966	0.000179193					0.0005546	0.002577	0.0001792		
24003	2103005000	BNAA	Emissions from commercial and institutional residual oil combustion.	0.000005747	0.000063217	0.000001299	1.05197113	EMP	BMC Round v9A Cooperative Forecast	6.04565E-06	6.65021E-05	1.36632E-06					6.046E-06	6.65E-05	1.366E-06		
24003	2103006000	BNAA	Emissions from commercial & institutional natural gas combustion.	0.629211772	0.749061537	0.041198390	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.661912619	0.787991111	0.043339516					0.6619126	0.7879911	0.0433395		
24003	2103007000	BNAA	Emissions from commercial and institutional LPG combustion.	0.021152666	0.037766939	0.001380099	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.022251994	0.039729729	0.001451824					0.022252	0.0397297	0.0014518		
24003	2103008000	BNAA	ICI_Biomass	0.006912785	0.002534688	0.000195862	1.05197113	EMP	BMC Round v9A Cooperative Forecast	0.00727205	0.002666418	0.000206041					0.0072721	0.0026664	0.000206		
24003	2103011000	BNAA	Emissions from commercial/institutional kerosene combustion.	0.000013410	0.000053638	0.000000912	1.05197113	EMP	BMC Round v9A Cooperative Forecast	1.41065E-05	5.6426E-05	9.59243E-07					1.411E-05	5.643E-05	9.592E-07		
24003	2104004000	BNAA	Emissions from residential distillate oil combustion.	0.002097504	0.007551013	0.000299104	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.002208393	0.007950216	0.000314917					0.0022084	0.0079502	0.0003149		
24003	2104006000	BNAA	Emissions from residential natural gas combustion.	0.201965914	0.474619898	0.027770313	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.21264334	0.499711849	0.029238459					0.2126433	0.4997118	0.0292385		
24003	2104007000	BNAA	Emissions from residential LPG combustion.	0.024015424	0.084685967	0.003297009	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.025285058	0.0891631	0.003471314					0.0252851	0.0891631	0.0034713		
24003	2104008100	BNAA	Fireplace: general	0.016280329	0.000284086	0.002065089	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.017141028	0.000299105	0.002174265					0.017141	0.0002991	0.0021743		
24003	2104008210	BNAA	Woodstove: fireplace inserts; non EPA-certified	0.010087248	0.000122376	0.002316396	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.010620535	0.000128845	0.002438858					0.0106205	0.0001288	0.0024389		
24003	2104008220	BNAA	Woodstove: fireplace inserts; EPA-certified; non-catalytic	0.004040068	0.000065422	0.000344324	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.004253656	6.88802E-05	0.000362527					0.0042537	6.888E-05	0.0003625		
24003	2104008230	BNAA	Woodstove: fireplace inserts; EPA-certified; catalytic	0.000872895	0.000016722	0.000125416	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.000919043	1.76062E-05	0.000132046					0.000919	1.761E-05	0.000132		
24003	2104008310	BNAA	Woodstove: freestanding, non-EPA certified	0.026962810	0.000327105	0.006191633	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.028388265	0.000344398	0.006518969					0.0283883	0.0003444	0.006519		
24003	2104008320	BNAA	Woodstove: freestanding, EPA certified, non-catalytic	0.020397110	0.000330294	0.001738390	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.021475453	0.000347756	0.001830294					0.0214755	0.0003478	0.0018303		
24003	2104008330	BNAA	Woodstove: freestanding, EPA certified, catalytic	0.010082661	0.000193154	0.001448658	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.010615706	0.000203366	0.001525245					0.0106157	0.0002034	0.0015252		
24003	2104008400	BNAA	Woodstove: pellet-fired, general	0.000788019	0.000188332	0.000108935	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.00082968	0.000198288	0.000114694					0.0008297	0.0001983	0.0001147		
24003	2104008510	BNAA	Furnace: Indoor, cordwood-fired, non-EPA certified	0.000649448	0.000006513	0.000041740	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.000683783	6.85768E-06	4.39468E-05					0.0006838	6.858E-06	4.395E-05		
24003	2104008610	BNAA	Hydronic heater: outdoor	0.006656328	0.000036980	0.001246213	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.007008231	3.89346E-05	0.001312097					0.0070082	3.893E-05	0.0013121		
24003	2104008700	BNAA	Outdoor wood burning device, NEC	0.000006928	0.000000121	0.000000879	1.052867465	HSE	BMC Round v9A Cooperative Forecast	7.29444E-06	1.27286E-07	9.25268E-07					7.294E-06	1.273E-07	9.253E-07		
24003	2104009000	BNAA	Total: All Combustor Types	0.002395055	0.000147135	0.000757502	1.052867465	HSE	BMC Round v9A Cooperative Forecast	0.002521675	0.000154913	0.000797549					0.0025217	0.0001549	0.0007975		
24003	2104011000	BNAA	Emissions from residential kerosene combustion.	0.000049144	0.000176918	0.000007008	1.052867465	HSE	BMC Round v9A Cooperative Forecast	5.1742E-05	0.000186271	7.37841E-06					5.174E-05	0.0001863	7.378E-06		
24003	2201000062	BNAA	Emissions from gasoline marketing refueling.			0.607355441	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.637225921					0	0	0.6372259		
24003	2302002100	BNAA	Conveyorized Charbroiling	0.116852159		0.034991272	1.036960837	POP	BMC Round v9A Cooperative Forecast	0.121171113		0.036284579					0.1211711	0	0.0362846		
24003	2302002200	BNAA	Under-fired Charbroiling	0.357538744		0.109299473	1.036960837	POP	BMC Round v9A Cooperative Forecast	0.370753675		0.113339273					0.3707537	0	0.1133393		
24003	2302003000	BNAA	Deep Fat Frying			0.019163323	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.019871615					0	0	0.0198716		
24003	2302003100	BNAA	Flat Griddle Frying	0.028524139		0.013813163	1.036960837	POP	BMC Round v9A Cooperative Forecast	0.029578415		0.014323709					0.0295784	0	0.0143237		
24003	2302003200	BNAA	Clamshell Griddle Frying			0.000650876	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.000674933					0	0	0.0006749		
24003	2302050000	BNAA	Emissions from bakeries.			0.041461538	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.042993992					0	0	0.042994		
24003	2302070001	BNAA	Emissions from small breweries			0.000089614	1.036960837	POP	BMC Round v9A Cooperative Forecast			9.2926E-05					0	0	9.293E-05		
24003	2302070005	BNAA	Emissions from small wineries			0.000075426	1.036960837	POP	BMC Round v9A Cooperative Forecast			7.82138E-05					0	0	7.821E-05		
24003	2401001000	BNAA	Emissions from ALL SOLVENT TYPES architectural surface coatings.			1.746522932	1.036960837	POP	BMC Round v9A Cooperative Forecast			1.811075881					0	0	1.8110759		
24003	2401005000	BNAA	Emissions from automobile refinishing.			0.642710421	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.676112808					0	0	0.6761128		
24003	2401008000	BNAA	Emissions from traffic paints.			0.090963285	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.094325364					0	0	0.0943254		
24003	2401020000	BNAA	Emissions from surface coatings of wood furniture and fixtures.			0.042151566	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.044342231					0	0	0.0443422		
24003	2401025000	BNAA	Emissions from surface coatings of metal furniture & fixtures.			0.354823077	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.373263633					0	0	0.3732636		
24003	2401065000	BNAA	Emissions from Electronic and Other Electrical Coatings.			0.005700000	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.005996235					0	0	0.0059962		
24003	2401070000	BNAA	Emissions from surface coatings of Motor Vehicle.			0.015073983	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.015857395					0	0	0.0158574		
24003	2401080000	BNAA	Emissions from surface coatings of marine.			0.043788462	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.046064197					0	0	0.0460642		
24003	2401090000	BNAA	Emissions from surface coatings - misc. manufacturing.			0.145153846	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.152697656					0	0	0.1526977		
24003	2401100000	BNAA	Emissions from surface coatings for industrial maintenance.			0.637107122	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.670218299					0	0	0.6702183		
24003	2401200000	BNAA	Emissions from surface coatings - other categories.			0.637107122	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.670218299					0	0	0.6702183		
24003	2415000000	BNAA	Emissions from Cleaning Products: Industrial and Institutional Cleaning.			1.415187573	1.05197113	EMP	BMC Round v9A Cooperative Forecast			1.488736471					0	0	1.4887365		
24003	2420000000	BNAA	Dry Cleaners			0.387036612	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.40134181					0	0	0.4013418		
24003	2425000000	BNAA	Emissions from Screen & Plateless printing			0.061381368	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.063650075					0	0	0.0636501		
24003	2425010000	BNAA	Emissions from Offset Lithography printing			0.267122620	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.276995696					0	0	0.2769957		
24003	2425020000	BNAA	Emissions from Letterpress printing			0.113669200	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.117870509					0	0	0.1178705		
24003	2425030000	BNAA	Emissions from Rotogravure printing			0.126854827	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.131543488					0	0	0.1315435		
24003	2425040000	BNAA	Emissions from Flexography printing			0.145269238	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.15063851					0	0	0.1506385		
24003	2440000000	BNAA	Emissions from industrial adhesives.			0.341468505	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.354089467					0	0	0.3540895		
24003	2460100000	BNAA	Commercial & Consumer Products - Personal Care Products			1.186261779	1.036960837	POP	BMC Round v9A Cooperative Forecast			1.230107007	VOC	10.30%	C&C Products PH III & IV	0.12670102	0	0	1.103406		PH III = 10.4% : PH III & IV = 13.4%
24003	2460200000	BNAA	Commercial & Consumer Products - Household Products			0.356498043	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.369674509	VOC	10.30%	C&C Products PH III & IV	0.03807647	0	0	0.331598		
24003	2460400000	BNAA	Commercial & Consumer Products - Automotive Aftermarket Products			0.647684757	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.671623728	VOC	10.30%	C&C Products PH III & IV	0.06917724	0	0	0.6024465		
24003	2460500000	BNAA	Commercial & Consumer Products - Coatings and Related Products			0.544557472	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.564684772	VOC	10.30%	C&C Products PH III & IV	0.05816253	0	0	0.5065222		
24003	2460600000	BNAA	Commercial & Consumer Products - Adhesives and Sealants			0.288936341	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.29961567	VOC	10.30%	C&C Products PH III & IV	0.03086041	0	0	0.2687553		
24003	2460800000	BNAA	Commercial & Consumer Products - FIFRA - Regulated Products			0.953149944	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.988379164	VOC	10.30%	C&C Products PH III & IV	0.10180305	0	0	0.8865761		
24003	2460900000	BNAA	Commercial & Consumer Products - Miscellaneous Products			0.039327079	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.04078064	VOC	10.30%	C&C Products PH III & IV	0.00420041	0	0	0.0365802		
24003	2461020000	BNAA	Misc. Asphalt Application			0.105945502	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.109861337					0	0	0.1098613		
24003	2461021000	BNAA	Cutback Asphalt Application			0.048452008	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.050242835					0	0	0.0502428		
24003	2461022000	BNAA	Emissions from emulsified asphalt.			0.080813544	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.08380048					0	0	0.0838005		
24003	2461023000	BNAA	Emissions from Asphalt Roofing.			0.140068381	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.145245426					0	0	0.1452454		
24003	2461800001	BNAA	Emissions from Commercial pesticide surface application			0.898795422	1	NG	No Growth Projected			0.898795422					0	0	0.8987954		
24003	2461800002	BNAA	Emissions from Commercial pesticide soil application			1.129998718	1	NG	No Growth Projected			1.129998718					0	0	1.1299987		
24003	2501011011	BNAA	Portable Fuel Containers: Residential - Permeation			0.020833783	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.021603817					0	0	0.0216038		
24003	2501011012	BNAA	Portable Fuel Containers: Residential - Evaporation (including Diurnal)			0.179909462	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.186559067					0	0	0.1865591		
24003	2501011013	BNAA	Portable Fuel Containers: Residential - Transport			0.009873614	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.010238551					0	0	0.0102386		
24003	2501012011	BNAA	Portable Fuel Containers: Commercial - Permeation			0.003244047	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.00336395					0	0	0.0033639		
24003	2501012012	BNAA	Portable Fuel Containers: Commercial - Evaporation (Including Diurnal)			0.042606038	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.044180793					0	0	0.0441808		
24003	2501012013	BNAA	Portable Fuel Containers: Commercial - Transport			0.646627769	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.670527672					0	0	0.6705277		
24003	2501060051	BNAA	Gasoline Marketing - Tank Truck Unloading - Submerged Filling			0.279367657	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.293107299					0	0	0.2931073		
24003	2501060053	BNAA	Gasoline Marketing - Tank Truck Unloading - Balanced Submerged Filling			0.116084278	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.121793444					0	0	0.1217934		
24003	2501060201	BNAA	Emissions from underground tank breathing.			0.425217134	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.446129831					0	0	0.4461298		
24003	2501080050	BNAA	AvGas Stage I Aircraft Refueling.			0.005801749	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.006103273					0	0	0.0061033		
24003	2501080100	BNAA	AvGas Stage II Aircraft Refueling.			0.003203917	1.05197113	EMP	BMC Round v9A Cooperative Forecast			0.003370428					0	0	0.0033704		
24003	2505020090	BNAA	Emissions from distillate oil marine vessel unloading.			0.000000655	1.05197113	EMP	BMC Round v9A Cooperative Forecast			6.88587E-07					0	0	6.886E-07		
24003	2505030120	BNAA	Emissions from tank trucks in transit.			0.033075497	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.03470219					0	0	0.0347022		
24003	2620030000	BNAA	Emissions from solid waste landfills.			0.006002151	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.006223996					0	0	0.006224		
24003	2630020000	BNAA	Emissions from POTWs.			0.020650849	1.052867465	HSE	BMC Round v9A Cooperative Forecast			0.021742607					0	0	0.0217426		
24003	2660000000	BNAA	Emissions from soil/groundwater remediation of LUST sites.			0.060986301	1	NG	No Growth Projected			0.060986301					0	0	0.0609863		
24003	2805002000	BNAA	BEEF			0.001429060	1	NG	No Growth Projected			0.00142906					0	0	0.0014291		
24003	2805007100	BNAA	LAYERS			0.000072717	1	NG	No Growth Projected			7.27171E-05					0	0	7.272E-05		
24003	2805009100	BNAA	BROILERS			0.000394841	1	NG	No Growth Projected			0.000394841					0	0	0.0003948		
24003	2805010100	BNAA	TURKEY			0.000005857	1	NG	No Growth Projected			5.85657E-06					0	0	5.857E-06		
24003	2805018000	BNAA	DAIRY			0.003007041	1	NG	No Growth Projected			0.003007041					0	0	0.003007		
24003	2805025000	BNAA	SWINE			0.000151066	1	NG	No Growth Projected			0.000151066					0	0	0.0001511		
24003	2805035000	BNAA	HORSES			0.005003289	1	NG	No Growth Projected			0.005003289					0	0	0.0050033		
24003	2805040000	BNAA	SHEEP			0.000219544	1	NG	No Growth Projected			0.000219544					0	0	0.0002195		
24003	2805045000	BNAA	GOATS			0.000269668	1	NG	No Growth Projected			0.000269668					0	0	0.0002697		
24003	2810001001	BNAA	wildfire/smodering	0.001650718	0.000007140	0.000385142	1	NG	No Growth Projected	0.001650718	7.13973E-06	0.000385142					0.0016507	7.14E-06	0.0003851		
24003	2810001002	BNAA	wildfire/flaming	0.003683321	0.000073816	0.000875581	1	NG	No Growth Projected	0.003683321	7.38164E-05	0.000875581					0.0036833	7.382E-05	0.0008756		
24003	2810030000	BNAA	Emissions from structural fires.			0.006806740	1.036960837	POP	BMC Round v9A Cooperative Forecast			0.007058323					0	0	0.0070583		
24003	2810050000	BNAA	Emissions from motor vehicle fires.	0.008989726	0.000287671	0.002301370	1.036960837	POP	BMC Round v9A Cooperative Forecast	0.009321994	0.000298304	0.00238643					0.009322	0.0002983	0.0023864		
24003	2810060100	BNAA	Human Cremation	0.007186986	0.002359055	0.000013800	1.036960837	POP	BMC Round v9A Cooperative Forecast	0.007452623	0.002446247	1.43096E-05					0.0074526	0.0024462	1.431E-05		
24003	2810060200	BNAA	Animal Cremation	0.000042874	0.000014072	0.000000082	1	NG	No Growth Projected	4.28742E-05	1.40719E-05	8.22462E-08					4.287E-05	1.407E-05	8.225E-08		
24003	2811015001	BNAA	prescribed/smoldering	0.069925099	0.000302178	0.016315449	1	NG	No Growth Projected	0.069925099	0.000302178	0.016315449					0.0699251	0.0003022	0.0163154		
24003	2811015002	BNAA	prescribed/flaming	0.142599668	0.002894167	0.033908512	1	NG	No Growth Projected	0.142599668	0.002894167	0.033908512					0.1425997	0.0028942	0.0339085		
24003	2830000000	BNAA	Emissions from catastrophic/accidental releases/oil spills.			0.001584507	1	NG	No Growth Projected			0.001584507					0	0	0.0015845		
24003 Total				2.835919220	2.089611631	16.531775057				2.964482243	2.198510116	17.14278341				0.42898115	2.9644822	2.1985101	16.713802	0	
24005	2102004001	BNAA	ICI_Oil	0.002134471	0.008537885	0.000085379	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.002256367	0.009025468	9.02547E-05					0.0022564	0.0090255	9.025E-05		
24005	2102004002	BNAA	ICI_Oil	0.036997500	0.171896090	0.011953038	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.039110361	0.181712766	0.012635655					0.0391104	0.1817128	0.0126357		
24005	2102005000	BNAA	ICI_Oil	0.000188780	0.002076584	0.000010572	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.000199561	0.002195174	1.11754E-05					0.0001996	0.0021952	1.118E-05		
24005	2102006000	BNAA	ICI_NG	0.269902692	0.321312821	0.017672202	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.285316349	0.339662418	0.01868143					0.2853163	0.3396624	0.0186814		
24005	2102007000	BNAA	ICI_Other	0.000391225	0.000698511	0.000025525	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.000413567	0.000738402	2.69831E-05					0.0004136	0.0007384	2.698E-05		
24005	2102008000	BNAA	ICI_Biomass	1.081377885	0.396505128	0.030639035	1.057108201	EMP	BMC Round v9A Cooperative Forecast	1.14313343	0.419148823	0.032388775					1.1431334	0.4191488	0.0323888		
24005	2102011000	BNAA	ICI_Oil	0.000095325	0.000381498	0.000003758	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.000100769	0.000403285	3.97222E-06					0.0001008	0.0004033	3.972E-06		
24005	2103004001	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000532199	0.002128796	0.000036190	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.000562592	0.002250368	3.82563E-05					0.0005626	0.0022504	3.826E-05		
24005	2103004002	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000728273	0.003383666	0.000235288	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.000769863	0.003576901	0.000248725					0.0007699	0.0035769	0.0002487		
24005	2103005000	BNAA	Emissions from commercial and institutional residual oil combustion.	0.000007938	0.000087320	0.000001794	1.057108201	EMP	BMC Round v9A Cooperative Forecast	8.39153E-06	9.23068E-05	1.89649E-06					8.392E-06	9.231E-05	1.896E-06		
24005	2103006000	BNAA	Emissions from commercial & institutional natural gas combustion.	0.869119658	1.034666095	0.056906637	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.918753518	1.093754014	0.060156473					0.9187535	1.093754	0.0601565		
24005	2103007000	BNAA	Emissions from commercial and institutional LPG combustion.	0.029217832	0.052166819	0.001906307	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.030886409	0.055145972	0.002015173					0.0308864	0.055146	0.0020152		
24005	2103008000	BNAA	ICI_Biomass	0.009548511	0.003501122	0.000270541	1.057108201	EMP	BMC Round v9A Cooperative Forecast	0.010093809	0.003701064	0.000285991					0.0100938	0.0037011	0.000286		
24005	2103011000	BNAA	Emissions from commercial/institutional kerosene combustion.	0.000018522	0.000074090	0.000001260	1.057108201	EMP	BMC Round v9A Cooperative Forecast	1.95802E-05	7.83209E-05	1.33146E-06					1.958E-05	7.832E-05	1.331E-06		
24005	2104004000	BNAA	Emissions from residential distillate oil combustion.	0.002168422	0.007806320	0.000309217	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.002215455	0.007975639	0.000315924					0.0022155	0.0079756	0.0003159		
24005	2104006000	BNAA	Emissions from residential natural gas combustion.	0.473348921	1.112369964	0.065085477	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.483615835	1.136497211	0.066497177					0.4836158	1.1364972	0.0664972		
24005	2104007000	BNAA	Emissions from residential LPG combustion.	0.018638928	0.065726746	0.002558885	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.019043205	0.067152356	0.002614387					0.0190432	0.0671524	0.0026144		
24005	2104008100	BNAA	Fireplace: general	0.021256041	0.000370911	0.002696236	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.021717084	0.000378956	0.002754717					0.0217171	0.000379	0.0027547		
24005	2104008210	BNAA	Woodstove: fireplace inserts; non EPA-certified	0.013170186	0.000159777	0.003024349	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.013455847	0.000163243	0.003089947					0.0134558	0.0001632	0.0030899		
24005	2104008220	BNAA	Woodstove: fireplace inserts; EPA-certified; non-catalytic	0.005274823	0.000085416	0.000449559	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.005389233	8.72688E-05	0.00045931					0.0053892	8.727E-05	0.0004593		
24005	2104008230	BNAA	Woodstove: fireplace inserts; EPA-certified; catalytic	0.001139676	0.000021833	0.000163747	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.001164396	2.23064E-05	0.000167298					0.0011644	2.231E-05	0.0001673		
24005	2104008310	BNAA	Woodstove: freestanding, non-EPA certified	0.038461433	0.000466603	0.008832131	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.039295659	0.000476724	0.0090237					0.0392957	0.0004767	0.0090237		
24005	2104008320	BNAA	Woodstove: freestanding, EPA certified, non-catalytic	0.029095709	0.000471152	0.002479748	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.029726793	0.000481371	0.002533534					0.0297268	0.0004814	0.0025335		
24005	2104008330	BNAA	Woodstove: freestanding, EPA certified, catalytic	0.014382536	0.000275528	0.002066456	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.014694492	0.000281504	0.002111278					0.0146945	0.0002815	0.0021113		
24005	2104008400	BNAA	Woodstove: pellet-fired, general	0.001124080	0.000268648	0.000155392	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.001148461	0.000274475	0.000158762					0.0011485	0.0002745	0.0001588		
24005	2104008510	BNAA	Furnace: Indoor, cordwood-fired, non-EPA certified	0.000891009	0.000008936	0.000057265	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.000910335	9.12977E-06	5.85073E-05					0.0009103	9.13E-06	5.851E-05		
24005	2104008610	BNAA	Hydronic heater: outdoor	0.011796793	0.000065538	0.002208622	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.012052665	6.69593E-05	0.002256527					0.0120527	6.696E-05	0.0022565		
24005	2104008700	BNAA	Outdoor wood burning device, NEC	0.000010692	0.000000187	0.000001356	1.021689949	HSE	BMC Round v9A Cooperative Forecast	1.09237E-05	1.90615E-07	1.38562E-06					1.092E-05	1.906E-07	1.386E-06		
24005	2104009000	BNAA	Total: All Combustor Types	0.003722787	0.000228701	0.001177434	1.021689949	HSE	BMC Round v9A Cooperative Forecast	0.003803534	0.000233661	0.001202972					0.0038035	0.0002337	0.001203		
24005	2104011000	BNAA	Emissions from residential kerosene combustion.	0.000050806	0.000182900	0.000007245	1.021689949	HSE	BMC Round v9A Cooperative Forecast	5.19075E-05	0.000186867	7.40201E-06					5.191E-05	0.0001869	7.402E-06		
24005	2201000062	BNAA	Emissions from gasoline marketing refueling.			0.820180703	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.860518189					0	0	0.8605182		
24005	2302002100	BNAA	Conveyorized Charbroiling	0.158628872		0.047501270	1.023088793	POP	BMC Round v9A Cooperative Forecast	0.162291421		0.048598017					0.1622914	0	0.048598		
24005	2302002200	BNAA	Under-fired Charbroiling	0.479250036		0.146506574	1.023088793	POP	BMC Round v9A Cooperative Forecast	0.490315341		0.149889234					0.4903153	0	0.1498892		
24005	2302003000	BNAA	Deep Fat Frying			0.025379702	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.025965689					0	0	0.0259657		
24005	2302003100	BNAA	Flat Griddle Frying	0.038726843		0.018753947	1.023088793	POP	BMC Round v9A Cooperative Forecast	0.039620999		0.019186953					0.039621	0	0.019187		
24005	2302003200	BNAA	Clamshell Griddle Frying			0.000873311	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.000893475					0	0	0.0008935		
24005	2302050000	BNAA	Emissions from bakeries.			0.234898077	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.24032159					0	0	0.2403216		
24005	2302070001	BNAA	Emissions from small breweries			0.008178317	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.008367144					0	0	0.0083671		
24005	2302070005	BNAA	Emissions from small wineries			0.000776266	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.000794189					0	0	0.0007942		
24005	2401001000	BNAA	Emissions from ALL SOLVENT TYPES architectural surface coatings.			2.553736573	1.023088793	POP	BMC Round v9A Cooperative Forecast			2.612699267					0	0	2.6126993		
24005	2401005000	BNAA	Emissions from automobile refinishing.			0.801316676	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.847078429					0	0	0.8470784		
24005	2401008000	BNAA	Emissions from traffic paints.			0.094009391	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.096179954					0	0	0.09618		
24005	2401020000	BNAA	Emissions from surface coatings of wood furniture and fixtures.			0.205471919	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.21720605					0	0	0.2172061		
24005	2401025000	BNAA	Emissions from surface coatings of metal furniture & fixtures.			0.029692308	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.031387982					0	0	0.031388		
24005	2401040000	BNAA	Emissions from surface coatings of metal cans.			0.433888462	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.458667051					0	0	0.4586671		
24005	2401065000	BNAA	Emissions from Electronic and Other Electrical Coatings.			0.000475000	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.000502126					0	0	0.0005021		
24005	2401070000	BNAA	Emissions from surface coatings of Motor Vehicle.			0.133050256	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.140648517					0	0	0.1406485		
24005	2401075000	BNAA	Emissions from surface coatings of Aircraft.			0.021091865	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.022296384					0	0	0.0222964		
24005	2401080000	BNAA	Emissions from surface coatings of marine.			0.002618753	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.002768305					0	0	0.0027683		
24005	2401090000	BNAA	Emissions from surface coatings - misc. manufacturing.			0.115861538	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.122478182					0	0	0.1224782		
24005	2401100000	BNAA	Emissions from surface coatings for industrial maintenance.			0.931567361	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.984767497					0	0	0.9847675		
24005	2401200000	BNAA	Emissions from surface coatings - other categories.			0.931567361	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.984767497					0	0	0.9847675		
24005	2415000000	BNAA	Emissions from Cleaning Products: Industrial and Institutional Cleaning.			1.344639490	1.057108201	EMP	BMC Round v9A Cooperative Forecast			1.421429432					0	0	1.4214294		
24005	2420000000	BNAA	Dry Cleaners			0.443051282	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.453280801					0	0	0.4532808		
24005	2425000000	BNAA	Emissions from Screen & Plateless printing			0.089750808	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.091823046					0	0	0.091823		
24005	2425010000	BNAA	Emissions from Offset Lithography printing			0.390582220	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.399600292					0	0	0.3996003		
24005	2425020000	BNAA	Emissions from Letterpress printing			0.166205200	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.170042677					0	0	0.1700427		
24005	2425030000	BNAA	Emissions from Rotogravure printing			0.185485003	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.189767628					0	0	0.1897676		
24005	2425040000	BNAA	Emissions from Flexography printing			0.142965765	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.146266672					0	0	0.1462667		
24005	2440000000	BNAA	Emissions from industrial adhesives.			0.499289528	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.51081752					0	0	0.5108175		
24005	2460100000	BNAA	Commercial & Consumer Products - Personal Care Products			1.734532100	1.023088793	POP	BMC Round v9A Cooperative Forecast			1.774580352	VOC	10.30%	C&C Products PH III & IV	0.18278178	0	0	1.5917986		
24005	2460200000	BNAA	Commercial & Consumer Products - Household Products			0.521265466	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.533300856	VOC	10.30%	C&C Products PH III & IV	0.05492999	0	0	0.4783709		
24005	2460400000	BNAA	Commercial & Consumer Products - Automotive Aftermarket Products			0.947033802	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.968899669	VOC	10.30%	C&C Products PH III & IV	0.09979667	0	0	0.869103		
24005	2460500000	BNAA	Commercial & Consumer Products - Coatings and Related Products			0.796242813	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.814627098	VOC	10.30%	C&C Products PH III & IV	0.08390659	0	0	0.7307205		
24005	2460600000	BNAA	Commercial & Consumer Products - Adhesives and Sealants			0.422477878	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.432232382	VOC	10.30%	C&C Products PH III & IV	0.04451994	0	0	0.3877124		
24005	2460800000	BNAA	Commercial & Consumer Products - FIFRA - Regulated Products			1.393679880	1.023088793	POP	BMC Round v9A Cooperative Forecast			1.425858266	VOC	10.30%	C&C Products PH III & IV	0.1468634	0	0	1.2789949		
24005	2460900000	BNAA	Commercial & Consumer Products - Miscellaneous Products			0.057503396	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.05883108	VOC	10.30%	C&C Products PH III & IV	0.0060596	0	0	0.0527715		
24005	2461020000	BNAA	Misc. Asphalt Application			0.154911738	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.158488463					0	0	0.1584885		
24005	2461021000	BNAA	Cutback Asphalt Application			0.070845715	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.072481457					0	0	0.0724815		
24005	2461022000	BNAA	Emissions from emulsified asphalt.			0.118164210	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.120892479					0	0	0.1208925		

24005	2461023000	BNAA	Emissions from Asphalt Roofing.			0.204805641	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.209534356					0	0	0.2095344					
24005	2461800001	BNAA	Emissions from Commercial pesticide surface application			0.021780487	1	NG	No Growth Projected			0.021780487					0	0	0.0217805					
24005	2461800002	BNAA	Emissions from Commercial pesticide soil application			0.119357070	1	NG	No Growth Projected			0.11935707					0	0	0.1193571					
24005	2501011011	BNAA	Portable Fuel Containers: Residential - Permeation			0.024722740	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.025293558					0	0	0.0252936					
24005	2501011012	BNAA	Portable Fuel Containers: Residential - Evaporation (including Diurnal)			0.213492419	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.218421701					0	0	0.2184217					
24005	2501011013	BNAA	Portable Fuel Containers: Residential - Transport			0.011716681	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.011987205					0	0	0.0119872					
24005	2501012011	BNAA	Portable Fuel Containers: Commercial - Permeation			0.003856221	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.003945256					0	0	0.0039453					
24005	2501012012	BNAA	Portable Fuel Containers: Commercial - Evaporation (Including Diurnal)			0.050646089	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.051815447					0	0	0.0518154					
24005	2501012013	BNAA	Portable Fuel Containers: Commercial - Transport			0.768650856	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.786398076					0	0	0.7863981					
24005	2501060051	BNAA	Gasoline Marketing - Tank Truck Unloading - Submerged Filling			0.390000886	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.409181604					0	0	0.4091816					
24005	2501060053	BNAA	Gasoline Marketing - Tank Truck Unloading - Balanced Submerged Filling			0.162055163	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.170025233					0	0	0.1700252					
24005	2501060201	BNAA	Emissions from underground tank breathing.			0.593608654	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.622803051					0	0	0.6228031					
24005	2501080050	BNAA	AvGas Stage I Aircraft Refueling.			0.000803834	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.00084974					0	0	0.0008497					
24005	2501080100	BNAA	AvGas Stage II Aircraft Refueling.			0.000443904	1.057108201	EMP	BMC Round v9A Cooperative Forecast			0.000469254					0	0	0.0004693					
24005	2505030120	BNAA	Emissions from tank trucks in transit.			0.043511865	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.045651831					0	0	0.0456518					
24005	2620030000	BNAA	Emissions from solid waste landfills.			0.020009844	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.020471847					0	0	0.0204718					
24005	2630020000	BNAA	Emissions from POTWs.			0.075674774	1.052867465	HSE	BMC Round v9A Cooperative Forecast			0.079675508					0	0	0.0796755					
24005	2660000000	BNAA	Emissions from soil/groundwater remediation of LUST sites.			0.039123288	1	NG	No Growth Projected			0.039123288					0	0	0.0391233					
24005	2805002000	BNAA	BEEF			0.003386005	1	NG	No Growth Projected			0.003386005					0	0	0.003386					
24005	2805007100	BNAA	LAYERS			0.000370366	1	NG	No Growth Projected			0.000370366					0	0	0.0003704					
24005	2805009100	BNAA	BROILERS			0.000394841	1	NG	No Growth Projected			0.000394841					0	0	0.0003948					
24005	2805010100	BNAA	TURKEY			0.000243048	1	NG	No Growth Projected			0.000243048					0	0	0.000243					
24005	2805018000	BNAA	DAIRY			0.013034332	1	NG	No Growth Projected			0.013034332					0	0	0.0130343					
24005	2805025000	BNAA	SWINE			0.002582514	1	NG	No Growth Projected			0.002582514					0	0	0.0025825					
24005	2805035000	BNAA	HORSES			0.007646716	1	NG	No Growth Projected			0.007646716					0	0	0.0076467					
24005	2805040000	BNAA	SHEEP			0.000731581	1	NG	No Growth Projected			0.000731581					0	0	0.0007316					
24005	2805045000	BNAA	GOATS			0.000565129	1	NG	No Growth Projected			0.000565129					0	0	0.0005651					
24005	2810001001	BNAA	wildfire/smodering	0.026074156	0.000112658	0.006083830	1	NG	No Growth Projected	0.026074156	0.000112658	0.00608383					0.0260742	0.0001127	0.0060838					
24005	2810001002	BNAA	wildfire/flaming	0.178676545	0.003870145	0.042555282	1	NG	No Growth Projected	0.178676545	0.003870145	0.042555282					0.1786765	0.0038701	0.0425553					
24005	2810030000	BNAA	Emissions from structural fires.			0.005087726	1.023088793	POP	BMC Round v9A Cooperative Forecast			0.005205195					0	0	0.0052052					
24005	2810050000	BNAA	Emissions from motor vehicle fires.	0.015025685	0.000480822	0.003846575	1.023088793	POP	BMC Round v9A Cooperative Forecast	0.01537261	0.000491924	0.003935388					0.0153726	0.0004919	0.0039354					
24005	2810060100	BNAA	Human Cremation	0.004411700	0.001581973	0.000018087	1.023088793	POP	BMC Round v9A Cooperative Forecast	0.004513561	0.001618499	1.85042E-05					0.0045136	0.0016185	1.85E-05					
24005	2811015001	BNAA	prescribed/smoldering	0.046899751	0.000202682	0.010942997	1	NG	No Growth Projected	0.046899751	0.000202682	0.010942997					0.0468998	0.0002027	0.010943					
24005	2811015002	BNAA	prescribed/flaming	0.323386858	0.007611921	0.077190258	1	NG	No Growth Projected	0.323386858	0.007611921	0.077190258					0.3233869	0.0076119	0.0771903					
24005	2830000000	BNAA	Emissions from catastrophic/accidental releases/oil spills.			0.001882909	1	NG	No Growth Projected			0.001882909					0	0	0.0018829					
24005 Total				4.205874098	3.199785784	20.167865181				4.367071635	3.339680972	20.85259422				0.61885796	4.3670716	3.339681	20.233736	0				
24013	2102004001	BNAA	ICI_Oil	0.000519951	0.002079804	0.000020798	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.000545678	0.002182712	2.18271E-05					0.0005457	0.0021827	2.183E-05					
24013	2102004002	BNAA	ICI_Oil	0.009012484	0.041873397	0.002911725	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.00945842	0.043945283	0.003055797					0.0094584	0.0439453	0.0030558					
24013	2102005000	BNAA	ICI_Oil	0.000045986	0.000505850	0.000002575	1.049479766	EMP	BMC Round v9A Cooperative Forecast	4.82617E-05	0.000530879	2.70266E-06					4.826E-05	0.0005309	2.703E-06					
24013	2102006000	BNAA	ICI_NG	0.065747500	0.078270833	0.004304897	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.069000671	0.082143656	0.004517903					0.0690007	0.0821437	0.0045179					
24013	2102007000	BNAA	ICI_Other	0.000095301	0.000170155	0.000006218	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.000100017	0.000178574	6.52556E-06					0.0001	0.0001786	6.526E-06					
24013	2102008000	BNAA	ICI_Biomass	0.263420449	0.096587500	0.007463580	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.276454431	0.101366627	0.007832876					0.2764544	0.1013666	0.0078329					
24013	2102011000	BNAA	ICI_Oil	0.000023221	0.000092932	0.000000915	1.049479766	EMP	BMC Round v9A Cooperative Forecast	2.43699E-05	9.75301E-05	9.60639E-07					2.437E-05	9.753E-05	9.606E-07					
24013	2103004001	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000077401	0.000309602	0.000005263	1.049479766	EMP	BMC Round v9A Cooperative Forecast	8.12303E-05	0.000324921	5.52366E-06					8.123E-05	0.0003249	5.524E-06					
24013	2103004002	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000105917	0.000492105	0.000034219	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.000111157	0.000516454	3.59123E-05					0.0001112	0.0005165	3.591E-05					
24013	2103005000	BNAA	Emissions from commercial and institutional residual oil combustion.	0.000001154	0.000012699	0.000000261	1.049479766	EMP	BMC Round v9A Cooperative Forecast	1.21162E-06	1.33278E-05	2.73826E-07					1.212E-06	1.333E-05	2.738E-07					
24013	2103006000	BNAA	Emissions from commercial & institutional natural gas combustion.	0.126400660	0.150476980	0.008276233	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.132654935	0.157922545	0.00868574					0.1326549	0.1579225	0.0086857					
24013	2103007000	BNAA	Emissions from commercial and institutional LPG combustion.	0.004249301	0.007586897	0.000277244	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.004459556	0.007962295	0.000290962					0.0044596	0.0079623	0.000291					
24013	2103008000	BNAA	ICI_Biomass	0.001388691	0.000509187	0.000039346	1.049479766	EMP	BMC Round v9A Cooperative Forecast	0.001457403	0.000534381	4.12931E-05					0.0014574	0.0005344	4.129E-05					
24013	2103011000	BNAA	Emissions from commercial/institutional kerosene combustion.	0.000002694	0.000010775	0.000000183	1.049479766	EMP	BMC Round v9A Cooperative Forecast	2.82711E-06	1.13084E-05	1.92243E-07					2.827E-06	1.131E-05	1.922E-07					
24013	2104004000	BNAA	Emissions from residential distillate oil combustion.	0.001603050	0.005770978	0.000228595	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.00166425	0.005991301	0.000237322					0.0016643	0.0059913	0.0002373					
24013	2104006000	BNAA	Emissions from residential natural gas combustion.	0.034894483	0.082002034	0.004797991	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.036226674	0.085132685	0.004981168					0.0362267	0.0851327	0.0049812					
24013	2104007000	BNAA	Emissions from residential LPG combustion.	0.017351335	0.061186286	0.002382115	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.018013769	0.063522239	0.002473059					0.0180138	0.0635222	0.0024731					
24013	2104008100	BNAA	Fireplace: general	0.010527664	0.000183704	0.001335388	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.010929586	0.000190718	0.00138637					0.0109296	0.0001907	0.0013864					
24013	2104008210	BNAA	Woodstove: fireplace inserts; non EPA-certified	0.006522912	0.000079134	0.001497896	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.006771942	8.21553E-05	0.001555082					0.0067719	8.216E-05	0.0015551					
24013	2104008220	BNAA	Woodstove: fireplace inserts; EPA-certified; non-catalytic	0.002612507	0.000042305	0.000222657	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.002712247	4.39199E-05	0.000231157					0.0027122	4.392E-05	0.0002312					
24013	2104008230	BNAA	Woodstove: fireplace inserts; EPA-certified; catalytic	0.000564457	0.000010813	0.000081100	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.000586007	1.12262E-05	8.41964E-05					0.000586	1.123E-05	8.42E-05					
24013	2104008310	BNAA	Woodstove: freestanding, non-EPA certified	0.035280335	0.000428011	0.008101637	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.036627258	0.000444351	0.008410939					0.0366273	0.0004444	0.0084109					
24013	2104008320	BNAA	Woodstove: freestanding, EPA certified, non-catalytic	0.026689239	0.000432184	0.002274651	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.027708173	0.000448683	0.002361492					0.0277082	0.0004487	0.0023615					
24013	2104008330	BNAA	Woodstove: freestanding, EPA certified, catalytic	0.013192974	0.000252739	0.001895542	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.013696652	0.000262388	0.00196791					0.0136967	0.0002624	0.0019679					
24013	2104008400	BNAA	Woodstove: pellet-fired, general	0.001031109	0.000246428	0.000142539	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.001070474	0.000255837	0.000147981					0.0010705	0.0002558	0.000148					
24013	2104008510	BNAA	Furnace: Indoor, cordwood-fired, non-EPA certified	0.001620349	0.000016251	0.000104140	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.00168221	1.68709E-05	0.000108116					0.0016822	1.687E-05	0.0001081					
24013	2104008610	BNAA	Hydronic heater: outdoor	0.015677319	0.000087096	0.002935143	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.016275843	9.04214E-05	0.0030472					0.0162758	9.042E-05	0.0030472					
24013	2104008700	BNAA	Outdoor wood burning device, NEC	0.000002240	0.000000039	0.000000284	1.03817772	HSE	BMC Round v9A Cooperative Forecast	2.32512E-06	4.05725E-08	2.94931E-07					2.325E-06	4.057E-08	2.949E-07					
24013	2104009000	BNAA	Total: All Combustor Types	0.000713003	0.000043802	0.000225507	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.000740224	4.54739E-05	0.000234116					0.0007402	4.547E-05	0.0002341					
24013	2104011000	BNAA	Emissions from residential kerosene combustion.	0.000037559	0.000135212	0.000005356	1.03817772	HSE	BMC Round v9A Cooperative Forecast	3.89929E-05	0.000140374	5.56039E-06					3.899E-05	0.0001404	5.56E-06					
24013	2201000062	BNAA	Emissions from gasoline marketing refueling.			0.162119893	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.170093146					0	0	0.1700931					
24013	2302002100	BNAA	Conveyorized Charbroiling	0.036268747		0.010860643	1.019093197	POP	BMC Round v9A Cooperative Forecast	0.036961234		0.011068008					0.0369612	0	0.011068					
24013	2302002200	BNAA	Under-fired Charbroiling	0.090467186		0.027655788	1.019093197	POP	BMC Round v9A Cooperative Forecast	0.092194494		0.028183825					0.0921945	0	0.0281838					
24013	2302003000	BNAA	Deep Fat Frying			0.005307695	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.005409036					0	0	0.005409					
24013	2302003100	BNAA	Flat Griddle Frying	0.007552556		0.003657417	1.019093197	POP	BMC Round v9A Cooperative Forecast	0.007696758		0.003727249					0.0076968	0	0.0037272					
24013	2302003200	BNAA	Clamshell Griddle Frying			0.000189320	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.000192935					0	0	0.0001929					
24013	2302050000	BNAA	Emissions from bakeries.			0.026658077	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.027167065					0	0	0.0271671					
24013	2302070001	BNAA	Emissions from small breweries			0.001876566	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.001912396					0	0	0.0019124					
24013	2302070005	BNAA	Emissions from small wineries			0.000072025	1.019093197	POP	BMC Round v9A Cooperative Forecast			7.33997E-05					0	0	7.34E-05					
24013	2401001000	BNAA	Emissions from ALL SOLVENT TYPES architectural surface coatings.			0.515205612	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.525042534					0	0	0.5250425					
24013	2401005000	BNAA	Emissions from automobile refinishing.			0.151504482	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.159000889					0	0	0.1590009					
24013	2401008000	BNAA	Emissions from traffic paints.			0.060366944	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.061519542					0	0	0.0615195					
24013	2401015000	BNAA	Industrial surface coatings of finished wood product manufacturing.			0.023136855	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.024281661					0	0	0.0242817					
24013	2401020000	BNAA	Emissions from surface coatings of wood furniture and fixtures.			0.076305459	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.080081035					0	0	0.080081					
24013	2401025000	BNAA	Emissions from surface coatings of metal furniture & fixtures.			0.014846154	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.015580738					0	0	0.0155807					
24013	2401060000	BNAA	Emissions from Household Appliance Manufacturing			0.004884615	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.005126305					0	0	0.0051263					
24013	2401070000	BNAA	Emissions from surface coatings of Motor Vehicle.			0.022577801	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.023694945					0	0	0.0236949					
24013	2401085000	BNAA	Emissions from surface coatings of Railroads.			0.160096154	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.168017674					0	0	0.1680177					
24013	2401090000	BNAA	Emissions from surface coatings - misc. manufacturing.			0.027723077	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.029094808					0	0	0.0290948					
24013	2401100000	BNAA	Emissions from surface coatings for industrial maintenance.			0.187939797	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.197239014					0	0	0.197239					
24013	2401200000	BNAA	Emissions from surface coatings - other categories.			0.187939797	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.197239014					0	0	0.197239					
24013	2415000000	BNAA	Emissions from Cleaning Products: Industrial and Institutional Cleaning.			0.219283797	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.230133908					0	0	0.2301339					
24013	2420000000	BNAA	Dry Cleaners			0.033648536	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.034290994					0	0	0.034291					
24013	2425000000	BNAA	Emissions from Screen & Plateless printing			0.018106848	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.018452566					0	0	0.0184526					
24013	2425010000	BNAA	Emissions from Offset Lithography printing			0.078798320	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.080302832					0	0	0.0803028					
24013	2425020000	BNAA	Emissions from Letterpress printing			0.033531200	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.034171418					0	0	0.0341714					
24013	2425030000	BNAA	Emissions from Rotogravure printing			0.037420819	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.038135302					0	0	0.0381353					
24013	2425040000	BNAA	Emissions from Flexography printing			0.042852874	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.043671072					0	0	0.0436711					
24013	2440000000	BNAA	Emissions from industrial adhesives.			0.100729562	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.102652811					0	0	0.1026528					
24013	2460100000	BNAA	Commercial & Consumer Products - Personal Care Products			0.349934555	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.356615925	VOC	10.30%	C&C Products PH III & IV	0.03673144	0	0	0.3198845					
24013	2460200000	BNAA	Commercial & Consumer Products - Household Products			0.105163115	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.107171015	VOC	10.30%	C&C Products PH III & IV	0.01103861	0	0	0.0961324					
24013	2460400000	BNAA	Commercial & Consumer Products - Automotive Aftermarket Products			0.191060086	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.194708034	VOC	10.30%	C&C Products PH III & IV	0.02005493	0	0	0.1746531					
24013	2460500000	BNAA	Commercial & Consumer Products - Coatings and Related Products			0.160638638	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.163705744	VOC	10.30%	C&C Products PH III & IV	0.01686169	0	0	0.1468441					
24013	2460600000	BNAA	Commercial & Consumer Products - Adhesives and Sealants			0.085233135	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.086860508	VOC	10.30%	C&C Products PH III & IV	0.00894663	0	0	0.0779139					
24013	2460800000	BNAA	Commercial & Consumer Products - FIFRA - Regulated Products			0.281169054	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.28653747	VOC	10.30%	C&C Products PH III & IV	0.02951336	0	0	0.2570241					
24013	2460900000	BNAA	Commercial & Consumer Products - Miscellaneous Products			0.011601068	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.01182257	VOC	10.30%	C&C Products PH III & IV	0.00121772	0	0	0.0106048					
24013	2461020000	BNAA	Misc. Asphalt Application			0.031252792	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.031849507					0	0	0.0318495					
24013	2461021000	BNAA	Cutback Asphalt Application			0.014292825	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.014565721					0	0	0.0145657					
24013	2461022000	BNAA	Emissions from emulsified asphalt.			0.023839132	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.024294298					0	0	0.0242943					
24013	2461023000	BNAA	Emissions from Asphalt Roofing.			0.041318677	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.042107582					0	0	0.0421076					
24013	2461800001	BNAA	Emissions from Commercial pesticide surface application			0.109837346	1	NG	No Growth Projected			0.109837346					0	0	0.1098373					
24013	2461800002	BNAA	Emissions from Commercial pesticide soil application			0.192056655	1	NG	No Growth Projected			0.192056655					0	0	0.1920567					
24013	2501011011	BNAA	Portable Fuel Containers: Residential - Permeation			0.007586841	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.007731698					0	0	0.0077317					
24013	2501011012	BNAA	Portable Fuel Containers: Residential - Evaporation (including Diurnal)			0.065515922	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.06676683					0	0	0.0667668					
24013	2501011013	BNAA	Portable Fuel Containers: Residential - Transport			0.003595580	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.003664232					0	0	0.0036642					
24013	2501012011	BNAA	Portable Fuel Containers: Commercial - Permeation			0.001289836	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.001314463					0	0	0.0013145					
24013	2501012012	BNAA	Portable Fuel Containers: Commercial - Evaporation (Including Diurnal)			0.016940201	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.017263643					0	0	0.0172636					
24013	2501012013	BNAA	Portable Fuel Containers: Commercial - Transport			0.257099806	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.262008664					0	0	0.2620087					
24013	2501060051	BNAA	Gasoline Marketing - Tank Truck Unloading - Submerged Filling			0.084853337	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.089026527					0	0	0.0890265					
24013	2501060053	BNAA	Gasoline Marketing - Tank Truck Unloading - Balanced Submerged Filling			0.035258693	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.036992758					0	0	0.0369928					
24013	2501060201	BNAA	Emissions from underground tank breathing.			0.129152720	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.135504608					0	0	0.1355046					
24013	2501080050	BNAA	AvGas Stage I Aircraft Refueling.			0.004917619	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.005160942					0	0	0.0051609					
24013	2501080100	BNAA	AvGas Stage II Aircraft Refueling.			0.002715671	1.049479766	EMP	BMC Round v9A Cooperative Forecast			0.002850042					0	0	0.00285					
24013	2505030120	BNAA	Emissions from tank trucks in transit.			0.010478512	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.010993857					0	0	0.0109939					
24013	2610000100	BNAA	Open Burning of Yard Waste - Leaf Species Unspecified	0.000000000	0.000000000	0.000000000	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0	0	0					0	0	0					
24013	2610000400	BNAA	Open Burning of Yard Waste - Brush Species Unspecified	0.000000000	0.000000000	0.000000000	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0	0	0					0	0	0					
24013	2610000500	BNAA	Emissions from the Open Burning of Land Clearing Debris	2.130402227	0.063029652	0.146228792	1.03817772	HSE	BMC Round v9A Cooperative Forecast	2.211736127	0.06543598	0.151811474					2.2117361	0.065436	0.1518115					
24013	2610030000	BNAA	Open Burning of Residential Household Waste	0.010308750	0.000727676	0.001038152	1.03817772	HSE	BMC Round v9A Cooperative Forecast	0.010702314	0.000755457	0.001077786					0.0107023	0.0007555	0.0010778					
24013	2620030000	BNAA	Emissions from solid waste landfills.			0.007413930	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.007555486					0	0	0.0075555					
24013	2630020000	BNAA	Emissions from POTWs.			0.005162858	1.03817772	HSE	BMC Round v9A Cooperative Forecast			0.005359964					0	0	0.00536					
24013	2660000000	BNAA	Emissions from soil/groundwater remediation of LUST sites.			0.008054795	1	NG	No Growth Projected			0.008054795					0	0	0.0080548					
24013	2805002000	BNAA	BEEF			0.012137939	1	NG	No Growth Projected			0.012137939					0	0	0.0121379					
24013	2805007100	BNAA	LAYERS			0.035111330	1	NG	No Growth Projected			0.03511133					0	0	0.0351113					
24013	2805009100	BNAA	BROILERS			0.000012992	1	NG	No Growth Projected			1.2992E-05					0	0	1.299E-05					
24013	2805010100	BNAA	TURKEY			0.000016708	1	NG	No Growth Projected			1.67085E-05					0	0	1.671E-05					
24013	2805018000	BNAA	DAIRY			0.074803752	1	NG	No Growth Projected			0.074803752					0	0	0.0748038					
24013	2805025000	BNAA	SWINE			0.002078960	1	NG	No Growth Projected			0.00207896					0	0	0.002079					
24013	2805035000	BNAA	HORSES			0.008675731	1	NG	No Growth Projected			0.008675731					0	0	0.0086757					
24013	2805040000	BNAA	SHEEP			0.002470561	1	NG	No Growth Projected			0.002470561					0	0	0.0024706					
24013	2805045000	BNAA	GOATS			0.000227459	1	NG	No Growth Projected			0.000227459					0	0	0.0002275					
24013	2810001001	BNAA	wildfire/smodering	0.000370896	0.000001589	0.000086540	1	NG	No Growth Projected	0.000370896	1.58904E-06	8.65397E-05					0.0003709	1.589E-06	8.654E-05					
24013	2810001002	BNAA	wildfire/flaming	0.002136137	0.000049767	0.000509764	1	NG	No Growth Projected	0.002136137	4.97671E-05	0.000509764					0.0021361	4.977E-05	0.0005098					
24013	2810030000	BNAA	Emissions from structural fires.			0.002190356	1.019093197	POP	BMC Round v9A Cooperative Forecast			0.002232177					0	0	0.0022322					
24013	2810050000	BNAA	Emissions from motor vehicle fires.	0.002696918	0.000086301	0.000690411	1.019093197	POP	BMC Round v9A Cooperative Forecast	0.002748411	8.79491E-05	0.000703593					0.0027484	8.795E-05	0.0007036					
24013	2810060100	BNAA	Human Cremation	0.002328305	0.001060989	0.000550374	1.019093197	POP	BMC Round v9A Cooperative Forecast	0.00237276	0.001081247	0.000560882					0.0023728	0.0010812	0.0005609					
24013	2830000000	BNAA	Emissions from catastrophic/accidental releases/oil spills.			0.000375337	1	NG	No Growth Projected			0.000375337					0	0	0.0003753					
24013 Total				2.921942963	0.594851709	4.809508683				3.036065925	0.62182117	4.942560442				0.12436439	3.0360659	0.6218212	4.8181961	0				
24025	2102004001	BNAA	ICI_Oil	0.000551322	0.002205289	0.000022053	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.000620375	0.0024815	2.4815E-05					0.0006204	0.0024815	2.481E-05					
24025	2102004002	BNAA	ICI_Oil	0.009556253	0.044399808	0.003087405	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.010753166	0.049960847	0.0034741					0.0107532	0.0499608	0.0034741					
24025	2102005000	BNAA	ICI_Oil	0.000048761	0.000536371	0.000002731	1.125249168	EMP	BMC Round v9A Cooperative Forecast	5.48682E-05	0.00060355	3.07262E-06					5.487E-05	0.0006036	3.073E-06					
24025	2102006000	BNAA	ICI_NG	0.069714391	0.082993333	0.004564635	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.078446061	0.093388179	0.005136351					0.0784461	0.0933882	0.0051364					
24025	2102007000	BNAA	ICI_Other	0.000101051	0.000180422	0.000006593	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.000113708	0.000203019	7.41883E-06					0.0001137	0.000203	7.419E-06					
24025	2102008000	BNAA	ICI_Biomass	0.279313974	0.102415128	0.007913897	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.314297817	0.115242538	0.008905107					0.3142978	0.1152425	0.0089051					
24025	2102011000	BNAA	ICI_Oil	0.000024622	0.000098539	0.000000971	1.125249168	EMP	BMC Round v9A Cooperative Forecast	2.77058E-05	0.000110881	1.09214E-06					2.771E-05	0.0001109	1.092E-06					
24025	2103004001	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000114409	0.000457635	0.000007780	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.000128738	0.000514954	8.75421E-06					0.0001287	0.000515	8.754E-06					
24025	2103004002	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000156559	0.000727399	0.000050581	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.000176168	0.000818505	5.69159E-05					0.0001762	0.0008185	5.692E-05					
24025	2103005000	BNAA	Emissions from commercial and institutional residual oil combustion.	0.000001707	0.000018772	0.000000386	1.125249168	EMP	BMC Round v9A Cooperative Forecast	1.92024E-06	2.11226E-05	4.33974E-07					1.92E-06	2.112E-05	4.34E-07					
24025	2103006000	BNAA	Emissions from commercial & institutional natural gas combustion.	0.186837798	0.222426037	0.012233427	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.210239077	0.250284713	0.013765654					0.2102391	0.2502847	0.0137657					
24025	2103007000	BNAA	Emissions from commercial and institutional LPG combustion.	0.006281061	0.011214493	0.000409806	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.007067759	0.012619098	0.000461134					0.0070678	0.0126191	0.0004611					
24025	2103008000	BNAA	ICI_Biomass	0.002052678	0.000752649	0.000058159	1.125249168	EMP	BMC Round v9A Cooperative Forecast	0.002309775	0.000846917	6.54436E-05					0.0023098	0.0008469	6.544E-05					
24025	2103011000	BNAA	Emissions from commercial/institutional kerosene combustion.	0.000003982	0.000015927	0.000000271	1.125249168	EMP	BMC Round v9A Cooperative Forecast	4.48056E-06	1.79222E-05	3.04678E-07					4.481E-06	1.792E-05	3.047E-07					
24025	2104004000	BNAA	Emissions from residential distillate oil combustion.	0.001579540	0.005686343	0.000225242	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.001668587	0.006006912	0.00023794					0.0016686	0.0060069	0.0002379					
24025	2104006000	BNAA	Emissions from residential natural gas combustion.	0.095043222	0.223351571	0.013068443	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.100401311	0.235943081	0.01380518					0.1004013	0.2359431	0.0138052					
24025	2104007000	BNAA	Emissions from residential LPG combustion.	0.020239306	0.071370185	0.002778597	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.021380303	0.0753937	0.002935241					0.0213803	0.0753937	0.0029352					
24025	2104008100	BNAA	Fireplace: general	0.009420353	0.000164382	0.001194931	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.009951428	0.000173649	0.001262295					0.0099514	0.0001736	0.0012623					
24025	2104008210	BNAA	Woodstove: fireplace inserts; non EPA-certified	0.005836825	0.000070811	0.001340346	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.006165878	7.48027E-05	0.001415908					0.0061659	7.48E-05	0.0014159					
24025	2104008220	BNAA	Woodstove: fireplace inserts; EPA-certified; non-catalytic	0.002337721	0.000037855	0.000199238	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.002469511	3.99892E-05	0.00021047					0.0024695	3.999E-05	0.0002105					
24025	2104008230	BNAA	Woodstove: fireplace inserts; EPA-certified; catalytic	0.000505087	0.000009676	0.000072570	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.000533561	1.02215E-05	7.66611E-05					0.0005336	1.022E-05	7.666E-05					
24025	2104008310	BNAA	Woodstove: freestanding, non-EPA certified	0.023958004	0.000290652	0.005501621	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.025308644	0.000307037	0.005811777					0.0253086	0.000307	0.0058118					
24025	2104008320	BNAA	Woodstove: freestanding, EPA certified, non-catalytic	0.018124003	0.000293485	0.001544659	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.019145749	0.000310031	0.00163174					0.0191457	0.00031	0.0016317					
24025	2104008330	BNAA	Woodstove: freestanding, EPA certified, catalytic	0.008959023	0.000171629	0.001287216	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.009464091	0.000181304	0.001359783					0.0094641	0.0001813	0.0013598					
24025	2104008400	BNAA	Woodstove: pellet-fired, general	0.000700200	0.000167343	0.000096795	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.000739674	0.000176778	0.000102252					0.0007397	0.0001768	0.0001023					
24025	2104008510	BNAA	Furnace: Indoor, cordwood-fired, non-EPA certified	0.000871597	0.000008741	0.000056018	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.000920733	9.23406E-06	5.91757E-05					0.0009207	9.234E-06	5.918E-05					
24025	2104008610	BNAA	Hydronic heater: outdoor	0.010155509	0.000056419	0.001901337	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.010728029	5.96002E-05	0.002008525					0.010728	5.96E-05	0.0020085					
24025	2104008700	BNAA	Outdoor wood burning device, NEC	0.000003116	0.000000054	0.000000395	1.056375293	HSE	BMC Round v9A Cooperative Forecast	3.29198E-06	5.74439E-08	4.17573E-07					3.292E-06	5.744E-08	4.176E-07					
24025	2104009000	BNAA	Total: All Combustor Types	0.001081377	0.000066432	0.000342015	1.056375293	HSE	BMC Round v9A Cooperative Forecast	0.00114234	7.0177E-05	0.000361296					0.0011423	7.018E-05	0.0003613					
24025	2104011000	BNAA	Emissions from residential kerosene combustion.	0.000037008	0.000133229	0.000005277	1.056375293	HSE	BMC Round v9A Cooperative Forecast	3.90945E-05	0.00014074	5.57488E-06					3.909E-05	0.0001407	5.575E-06					
24025	2201000062	BNAA	Emissions from gasoline marketing refueling.			0.253960073	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.266450138					0	0	0.2664501					
24025	2302002100	BNAA	Conveyorized Charbroiling	0.040636773		0.012168645	1.04069399	POP	BMC Round v9A Cooperative Forecast	0.042290446		0.012663835					0.0422904	0	0.0126638					
24025	2302002200	BNAA	Under-fired Charbroiling	0.118725055		0.036294209	1.04069399	POP	BMC Round v9A Cooperative Forecast	0.123556451		0.037771165					0.1235565	0	0.0377712					
24025	2302003000	BNAA	Deep Fat Frying			0.006707706	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.006980669					0	0	0.0069807					
24025	2302003100	BNAA	Flat Griddle Frying	0.009267072		0.004487693	1.04069399	POP	BMC Round v9A Cooperative Forecast	0.009644186		0.004670315					0.0096442	0	0.0046703					
24025	2302003200	BNAA	Clamshell Griddle Frying			0.000238472	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.000248177					0	0	0.0002482					

24025	2302050000	BNAA	Emissions from bakeries.			0.013326923	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.013869249					0	0	0.0138692					
24025	2302070001	BNAA	Emissions from small breweries			0.000156720	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.000163098					0	0	0.0001631					
24025	2302070005	BNAA	Emissions from small wineries			0.000041043	1.04069399	POP	BMC Round v9A Cooperative Forecast			4.27135E-05					0	0	4.271E-05					
24025	2401001000	BNAA	Emissions from ALL SOLVENT TYPES architectural surface coatings.			0.771419425	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.802811559					0	0	0.8028116					
24025	2401005000	BNAA	Emissions from automobile refinishing.			0.252112927	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.283689862					0	0	0.2836899					
24025	2401008000	BNAA	Emissions from traffic paints.			0.037620041	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.039150951					0	0	0.039151					
24025	2401015000	BNAA	Industrial surface coatings of finished wood product manufacturing.			0.000616983	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.000694259					0	0	0.0006943					
24025	2401020000	BNAA	Emissions from surface coatings of wood furniture and fixtures.			0.012177001	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.01370216					0	0	0.0137022					
24025	2401040000	BNAA	Emissions from surface coatings of metal cans.			1.352922446	1.125249168	EMP	BMC Round v9A Cooperative Forecast			1.522374858					0	0	1.5223749					
24025	2401070000	BNAA	Emissions from surface coatings of Motor Vehicle.			0.015073983	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.016961987					0	0	0.016962					
24025	2401090000	BNAA	Emissions from surface coatings - misc. manufacturing.			0.020661538	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.023249379					0	0	0.0232494					
24025	2401100000	BNAA	Emissions from surface coatings for industrial maintenance.			0.281403010	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.316648503					0	0	0.3166485					
24025	2401200000	BNAA	Emissions from surface coatings - other categories.			0.281403010	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.316648503					0	0	0.3166485					
24025	2415000000	BNAA	Emissions from Cleaning Products: Industrial and Institutional Cleaning.			0.422747979	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.475696811					0	0	0.4756968					
24025	2420000000	BNAA	Dry Cleaners			0.096063527	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.099972735					0	0	0.0999727					
24025	2425000000	BNAA	Emissions from Screen & Plateless printing			0.027111456	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.028214729					0	0	0.0282147					
24025	2425010000	BNAA	Emissions from Offset Lithography printing			0.117985040	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.122786322					0	0	0.1227863					
24025	2425020000	BNAA	Emissions from Letterpress printing			0.050206400	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.052249499					0	0	0.0522495					
24025	2425030000	BNAA	Emissions from Rotogravure printing			0.056030342	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.058310441					0	0	0.0583104					
24025	2425040000	BNAA	Emissions from Flexography printing			0.064163779	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.066774859					0	0	0.0667749					
24025	2440000000	BNAA	Emissions from industrial adhesives.			0.150822777	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.156960357					0	0	0.1569604					
24025	2460100000	BNAA	Commercial & Consumer Products - Personal Care Products			0.523958411	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.545280369	VOC	10.30%	C&C Products PH III & IV	0.05616388	0	0	0.4891165					
24025	2460200000	BNAA	Commercial & Consumer Products - Household Products			0.157461153	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.163868876	VOC	10.30%	C&C Products PH III & IV	0.01687849	0	0	0.1469904					
24025	2460400000	BNAA	Commercial & Consumer Products - Automotive Aftermarket Products			0.286075032	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.297716566	VOC	10.30%	C&C Products PH III & IV	0.03066481	0	0	0.2670518					
24025	2460500000	BNAA	Commercial & Consumer Products - Coatings and Related Products			0.240524876	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.250312793	VOC	10.30%	C&C Products PH III & IV	0.02578222	0	0	0.2245306					
24025	2460600000	BNAA	Commercial & Consumer Products - Adhesives and Sealants			0.127619914	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.132813277	VOC	10.30%	C&C Products PH III & IV	0.01367977	0	0	0.1191335					
24025	2460800000	BNAA	Commercial & Consumer Products - FIFRA - Regulated Products			0.420995550	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.438127538	VOC	10.30%	C&C Products PH III & IV	0.04512714	0	0	0.3930004					
24025	2460900000	BNAA	Commercial & Consumer Products - Miscellaneous Products			0.017370326	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.018077194	VOC	10.30%	C&C Products PH III & IV	0.00186195	0	0	0.0162152					
24025	2461020000	BNAA	Misc. Asphalt Application			0.046794930	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.048699202					0	0	0.0486992					
24025	2461021000	BNAA	Cutback Asphalt Application			0.021400704	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.022271584					0	0	0.0222716					
24025	2461022000	BNAA	Emissions from emulsified asphalt.			0.035694428	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.037146977					0	0	0.037147					
24025	2461023000	BNAA	Emissions from Asphalt Roofing.			0.061866620	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.064384219					0	0	0.0643842					
24025	2461800001	BNAA	Emissions from Commercial pesticide surface application			0.010346792	1	NG	No Growth Projected			0.010346792					0	0	0.0103468					
24025	2461800002	BNAA	Emissions from Commercial pesticide soil application			0.031377278	1	NG	No Growth Projected			0.031377278					0	0	0.0313773					
24025	2501011011	BNAA	Portable Fuel Containers: Residential - Permeation			0.009204880	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.009579463					0	0	0.0095795					
24025	2501011012	BNAA	Portable Fuel Containers: Residential - Evaporation (including Diurnal)			0.079488442	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.082723144					0	0	0.0827231					
24025	2501011013	BNAA	Portable Fuel Containers: Residential - Transport			0.004362407	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.00453993					0	0	0.0045399					
24025	2501012011	BNAA	Portable Fuel Containers: Commercial - Permeation			0.001427457	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.001485546					0	0	0.0014855					
24025	2501012012	BNAA	Portable Fuel Containers: Commercial - Evaporation (Including Diurnal)			0.018747654	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.019510571					0	0	0.0195106					
24025	2501012013	BNAA	Portable Fuel Containers: Commercial - Transport			0.284531353	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.296110069					0	0	0.2961101					
24025	2501060051	BNAA	Gasoline Marketing - Tank Truck Unloading - Submerged Filling			0.118032162	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.123837128					0	0	0.1238371					
24025	2501060053	BNAA	Gasoline Marketing - Tank Truck Unloading - Balanced Submerged Filling			0.049045328	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.051457437					0	0	0.0514574					
24025	2501060201	BNAA	Emissions from underground tank breathing.			0.179653215	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.188488779					0	0	0.1884888					
24025	2501080050	BNAA	AvGas Stage I Aircraft Refueling.			0.003307773	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.003722068					0	0	0.0037221					
24025	2501080100	BNAA	AvGas Stage II Aircraft Refueling.			0.001826661	1.125249168	EMP	BMC Round v9A Cooperative Forecast			0.002055449					0	0	0.0020554					
24025	2505030120	BNAA	Emissions from tank trucks in transit.			0.014831900	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.01556135					0	0	0.0155614					
24025	2610000500	BNAA	Emissions from the Open Burning of Land Clearing Debris	5.272099896	0.155979287	0.361871946	1.056375293	HSE	BMC Round v9A Cooperative Forecast	5.569316075	0.164772665	0.382272583					5.5693161	0.1647727	0.3822726					
24025	2620030000	BNAA	Emissions from solid waste landfills.			0.002377536	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.002474287					0	0	0.0024743					
24025	2630020000	BNAA	Emissions from POTWs.			0.009129719	1.056375293	HSE	BMC Round v9A Cooperative Forecast			0.00964441					0	0	0.0096444					
24025	2660000000	BNAA	Emissions from soil/groundwater remediation of LUST sites.			0.010356164	1	NG	No Growth Projected			0.010356164					0	0	0.0103562					
24025	2805002000	BNAA	BEEF			0.006448399	1	NG	No Growth Projected			0.006448399					0	0	0.0064484					
24025	2805007100	BNAA	LAYERS			0.000948099	1	NG	No Growth Projected			0.000948099					0	0	0.0009481					
24025	2805009100	BNAA	BROILERS			0.000394841	1	NG	No Growth Projected			0.000394841					0	0	0.0003948					
24025	2805010100	BNAA	TURKEY			0.000074413	1	NG	No Growth Projected			7.44129E-05					0	0	7.441E-05					
24025	2805018000	BNAA	DAIRY			0.034727811	1	NG	No Growth Projected			0.034727811					0	0	0.0347278					
24025	2805025000	BNAA	SWINE			0.000384859	1	NG	No Growth Projected			0.000384859					0	0	0.0003849					
24025	2805035000	BNAA	HORSES			0.005320210	1	NG	No Growth Projected			0.00532021					0	0	0.0053202					
24025	2805040000	BNAA	SHEEP			0.002287839	1	NG	No Growth Projected			0.002287839					0	0	0.0022878					
24025	2805045000	BNAA	GOATS			0.000311876	1	NG	No Growth Projected			0.000311876					0	0	0.0003119					
24025	2810001001	BNAA	wildfire/smodering	0.002590468	0.000011216	0.000604427	1	NG	No Growth Projected	0.002590468	1.12164E-05	0.000604427					0.0025905	1.122E-05	0.0006044					
24025	2810001002	BNAA	wildfire/flaming	0.026587438	0.000648063	0.006352455	1	NG	No Growth Projected	0.026587438	0.000648063	0.006352455					0.0265874	0.0006481	0.0063525					
24025	2810030000	BNAA	Emissions from structural fires.			0.002883507	1.04069399	POP	BMC Round v9A Cooperative Forecast			0.003000848					0	0	0.0030008					
24025	2810050000	BNAA	Emissions from motor vehicle fires.	0.003210616	0.000102740	0.000821918	1.04069399	POP	BMC Round v9A Cooperative Forecast	0.003341269	0.000106921	0.000855365					0.0033413	0.0001069	0.0008554					
24025	2810060100	BNAA	Human Cremation	0.002381627	0.000771927	0.000000708	1.04069399	POP	BMC Round v9A Cooperative Forecast	0.002478545	0.00080334	7.36491E-07					0.0024785	0.0008033	7.365E-07					
24025	2810060200	BNAA	Animal Cremation	0.000109615	0.000034615		1	NG	No Growth Projected	0.000109615	3.46154E-05						0.0001096	3.462E-05	0					
24025	2811015001	BNAA	prescribed/smoldering	2.061868719	0.008909959	0.481090826	1	NG	No Growth Projected	2.061868719	0.008909959	0.481090826					2.0618687	0.00891	0.4810908					
24025	2811015002	BNAA	prescribed/flaming	4.393964918	0.069842767	1.039433094	1	NG	No Growth Projected	4.393964918	0.069842767	1.039433094					4.3939649	0.0698428	1.0394331					
24025	2830000000	BNAA	Emissions from catastrophic/accidental releases/oil spills.			0.003722532	1	NG	No Growth Projected			0.003722532					0	0	0.0037225					
24025 Total				12.685052662	1.006621184	9.111384965				13.07005198	1.091140608	9.653151641				0.19015825	13.070052	1.0911406	9.4629934	0				
24027	2102004001	BNAA	ICI_Oil	0.000969447	0.003877792	0.000038778	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.001066369	0.004265479	4.26548E-05					0.0010664	0.0042655	4.265E-05					
24027	2102004002	BNAA	ICI_Oil	0.016803756	0.078072853	0.005428907	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.018483732	0.085878279	0.005971669					0.0184837	0.0858783	0.0059717					
24027	2102005000	BNAA	ICI_Oil	0.000085741	0.000943156	0.000004802	1.099976196	EMP	BMC Round v9A Cooperative Forecast	9.43136E-05	0.001037449	5.28156E-06					9.431E-05	0.0010374	5.282E-06					
24027	2102006000	BNAA	ICI_NG	0.122586090	0.145935833	0.008026471	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.134841781	0.160525943	0.008828927					0.1348418	0.1605259	0.0088289					
24027	2102007000	BNAA	ICI_Other	0.000177689	0.000317254	0.000011593	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.000195454	0.000348972	1.27523E-05					0.0001955	0.000349	1.275E-05					
24027	2102008000	BNAA	ICI_Biomass	0.491146795	0.180087212	0.013915830	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.540249783	0.198091646	0.015307082					0.5402498	0.1980916	0.0153071					
24027	2102011000	BNAA	ICI_Oil	0.000043295	0.000173271	0.000001707	1.099976196	EMP	BMC Round v9A Cooperative Forecast	4.76239E-05	0.000190594	1.87729E-06					4.762E-05	0.0001906	1.877E-06					
24027	2103004001	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000296363	0.001185452	0.000020153	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.000325992	0.001303969	2.21675E-05					0.000326	0.001304	2.217E-05					
24027	2103004002	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000405549	0.001884245	0.000131024	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.000446095	0.002072624	0.000144123					0.0004461	0.0020726	0.0001441					
24027	2103005000	BNAA	Emissions from commercial and institutional residual oil combustion.	0.000004421	0.000048626	0.000000999	1.099976196	EMP	BMC Round v9A Cooperative Forecast	4.86245E-06	5.34869E-05	1.09891E-06					4.862E-06	5.349E-05	1.099E-06					
24027	2103006000	BNAA	Emissions from commercial & institutional natural gas combustion.	0.483982083	0.576169127	0.031689304	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.532368771	0.633772325	0.03485748					0.5323688	0.6337723	0.0348575					
24027	2103007000	BNAA	Emissions from commercial and institutional LPG combustion.	0.016270375	0.029049870	0.001061555	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.017897026	0.031954165	0.001167686					0.017897	0.0319542	0.0011677					
24027	2103008000	BNAA	ICI_Biomass	0.005317231	0.001949651	0.000150655	1.099976196	EMP	BMC Round v9A Cooperative Forecast	0.005848827	0.00214457	0.000165717					0.0058488	0.0021446	0.0001657					
24027	2103011000	BNAA	Emissions from commercial/institutional kerosene combustion.	0.000010315	0.000041258	0.000000701	1.099976196	EMP	BMC Round v9A Cooperative Forecast	1.13457E-05	4.53828E-05	7.71508E-07					1.135E-05	4.538E-05	7.715E-07					
24027	2104004000	BNAA	Emissions from residential distillate oil combustion.	0.000413075	0.001487070	0.000058904	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.000451831	0.001626592	6.44311E-05					0.0004518	0.0016266	6.443E-05					
24027	2104006000	BNAA	Emissions from residential natural gas combustion.	0.138071211	0.324467346	0.018984792	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.151025498	0.35490992	0.020766006					0.1510255	0.3549099	0.020766					
24027	2104007000	BNAA	Emissions from residential LPG combustion.	0.007931393	0.027968597	0.001088878	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.008675542	0.030592701	0.00119104					0.0086755	0.0305927	0.001191					
24027	2104008100	BNAA	Fireplace: general	0.008214033	0.000143332	0.001041914	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.0089847	0.00015678	0.00113967					0.0089847	0.0001568	0.0011397					
24027	2104008210	BNAA	Woodstove: fireplace inserts; non EPA-certified	0.005089393	0.000061743	0.001168708	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.005566896	6.7536E-05	0.00127836					0.0055669	6.754E-05	0.0012784					
24027	2104008220	BNAA	Woodstove: fireplace inserts; EPA-certified; non-catalytic	0.002038365	0.000033008	0.000173724	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.002229611	3.61045E-05	0.000190024					0.0022296	3.61E-05	0.00019					
24027	2104008230	BNAA	Woodstove: fireplace inserts; EPA-certified; catalytic	0.000440408	0.000008437	0.000063277	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.000481729	9.22852E-06	6.92139E-05					0.0004817	9.229E-06	6.921E-05					
24027	2104008310	BNAA	Woodstove: freestanding, non-EPA certified	0.016261840	0.000197284	0.003734305	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.017787579	0.000215794	0.004084669					0.0177876	0.0002158	0.0040847					
24027	2104008320	BNAA	Woodstove: freestanding, EPA certified, non-catalytic	0.012301928	0.000199207	0.001048460	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.013456135	0.000217898	0.00114683					0.0134561	0.0002179	0.0011468					
24027	2104008330	BNAA	Woodstove: freestanding, EPA certified, catalytic	0.006081066	0.000116496	0.000873716	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.006651611	0.000127425	0.000955691					0.0066516	0.0001274	0.0009557					
24027	2104008400	BNAA	Woodstove: pellet-fired, general	0.000475271	0.000113587	0.000065701	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.000519863	0.000124244	7.18653E-05					0.0005199	0.0001242	7.187E-05					
24027	2104008510	BNAA	Furnace: Indoor, cordwood-fired, non-EPA certified	0.000440469	0.000004417	0.000028309	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.000481795	4.83194E-06	3.0965E-05					0.0004818	4.832E-06	3.097E-05					
24027	2104008610	BNAA	Hydronic heater: outdoor	0.005498747	0.000030549	0.001029488	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.006014658	3.34148E-05	0.001126078					0.0060147	3.341E-05	0.0011261					
24027	2104008700	BNAA	Outdoor wood burning device, NEC	0.000003469	0.000000061	0.000000440	1.093823227	HSE	BMC Round v9A Cooperative Forecast	3.7941E-06	6.62057E-08	4.81264E-07					3.794E-06	6.621E-08	4.813E-07					
24027	2104009000	BNAA	Total: All Combustor Types	0.001278411	0.000078536	0.000404333	1.093823227	HSE	BMC Round v9A Cooperative Forecast	0.001398356	8.59048E-05	0.000442269					0.0013984	8.59E-05	0.0004423					
24027	2104011000	BNAA	Emissions from residential kerosene combustion.	0.000009678	0.000034842	0.000001380	1.093823227	HSE	BMC Round v9A Cooperative Forecast	1.05863E-05	3.81106E-05	1.5096E-06					1.059E-05	3.811E-05	1.51E-06					
24027	2201000062	BNAA	Emissions from gasoline marketing refueling.			0.359315900	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.376987493					0	0	0.3769875					
24027	2302002100	BNAA	Conveyorized Charbroiling	0.063152221		0.018910875	1.069058927	POP	BMC Round v9A Cooperative Forecast	0.067513446		0.02021684					0.0675134	0	0.0202168					
24027	2302002200	BNAA	Under-fired Charbroiling	0.183555927		0.056112985	1.069058927	POP	BMC Round v9A Cooperative Forecast	0.196232103		0.059988087					0.1962321	0	0.0599881					
24027	2302003000	BNAA	Deep Fat Frying			0.009767266	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.010441783					0	0	0.0104418					
24027	2302003100	BNAA	Flat Griddle Frying	0.014887717		0.007209559	1.069058927	POP	BMC Round v9A Cooperative Forecast	0.015915846		0.007707443					0.0159158	0	0.0077074					
24027	2302003200	BNAA	Clamshell Griddle Frying			0.000353062	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.000377444					0	0	0.0003774					
24027	2302050000	BNAA	Emissions from bakeries.			0.051513846	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.055071337					0	0	0.0550713					
24027	2302070001	BNAA	Emissions from small breweries			0.001648496	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.001762339					0	0	0.0017623					
24027	2401001000	BNAA	Emissions from ALL SOLVENT TYPES architectural surface coatings.			0.974854594	1.069058927	POP	BMC Round v9A Cooperative Forecast			1.042177006					0	0	1.042177					
24027	2401005000	BNAA	Emissions from automobile refinishing.			0.295907192	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.325490867					0	0	0.3254909					
24027	2401008000	BNAA	Emissions from traffic paints.			0.053704833	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.057413631					0	0	0.0574136					
24027	2401020000	BNAA	Emissions from surface coatings of wood furniture and fixtures.			0.067065685	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.073770657					0	0	0.0737707					
24027	2401025000	BNAA	Emissions from surface coatings of metal furniture & fixtures.			0.014846154	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.016330416					0	0	0.0163304					
24027	2401065000	BNAA	Emissions from Electronic and Other Electrical Coatings.			0.000950000	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.001044977					0	0	0.001045					
24027	2401090000	BNAA	Emissions from surface coatings - misc. manufacturing.			0.040451282	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.044495447					0	0	0.0444954					
24027	2401100000	BNAA	Emissions from surface coatings for industrial maintenance.			0.355613312	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.391166179					0	0	0.3911662					
24027	2401200000	BNAA	Emissions from surface coatings - other categories.			0.355613312	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.391166179					0	0	0.3911662					
24027	2415000000	BNAA	Emissions from Cleaning Products: Industrial and Institutional Cleaning.			0.560728963	1.099976196	EMP	BMC Round v9A Cooperative Forecast			0.616788512					0	0	0.6167885					
24027	2420000000	BNAA	Dry Cleaners			0.285374214	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.305081851					0	0	0.3050819					
24027	2425000000	BNAA	Emissions from Screen & Plateless printing			0.034261164	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.036627203					0	0	0.0366272					
24027	2425010000	BNAA	Emissions from Offset Lithography printing			0.149099510	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.159396162					0	0	0.1593962					
24027	2425020000	BNAA	Emissions from Letterpress printing			0.063446600	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.067828154					0	0	0.0678282					
24027	2425030000	BNAA	Emissions from Rotogravure printing			0.070806406	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.07569622					0	0	0.0756962					
24027	2425040000	BNAA	Emissions from Flexography printing			0.081084755	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.086684381					0	0	0.0866844					
24027	2440000000	BNAA	Emissions from industrial adhesives.			0.190597063	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.203759492					0	0	0.2037595					
24027	2460100000	BNAA	Commercial & Consumer Products - Personal Care Products			0.662134303	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.707860588	VOC	10.30%	C&C Products PH III & IV	0.07290964	0	0	0.6349509					
24027	2460200000	BNAA	Commercial & Consumer Products - Household Products			0.198986082	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.212727847	VOC	10.30%	C&C Products PH III & IV	0.02191097	0	0	0.1908169					
24027	2460400000	BNAA	Commercial & Consumer Products - Automotive Aftermarket Products			0.361517418	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.386483423	VOC	10.30%	C&C Products PH III & IV	0.03980779	0	0	0.3466756					
24027	2460500000	BNAA	Commercial & Consumer Products - Coatings and Related Products			0.303954986	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.324945791	VOC	10.30%	C&C Products PH III & IV	0.03346942	0	0	0.2914764					
24027	2460600000	BNAA	Commercial & Consumer Products - Adhesives and Sealants			0.161275248	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.172412744	VOC	10.30%	C&C Products PH III & IV	0.01775851	0	0	0.1546542					
24027	2460800000	BNAA	Commercial & Consumer Products - FIFRA - Regulated Products			0.532018552	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.568759183	VOC	10.30%	C&C Products PH III & IV	0.0585822	0	0	0.510177					
24027	2460900000	BNAA	Commercial & Consumer Products - Miscellaneous Products			0.021951148	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.023467071	VOC	10.30%	C&C Products PH III & IV	0.00241711	0	0	0.02105					
24027	2461020000	BNAA	Misc. Asphalt Application			0.059135473	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.063219305					0	0	0.0632193					
24027	2461021000	BNAA	Cutback Asphalt Application			0.027044399	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.028912056					0	0	0.0289121					
24027	2461022000	BNAA	Emissions from emulsified asphalt.			0.045107598	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.04822268					0	0	0.0482227					
24027	2461023000	BNAA	Emissions from Asphalt Roofing.			0.078181799	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.08358095					0	0	0.083581					
24027	2461800001	BNAA	Emissions from Commercial pesticide surface application			0.083239330	1	NG	No Growth Projected			0.08323933					0	0	0.0832393					
24027	2461800002	BNAA	Emissions from Commercial pesticide soil application			0.053631718	1	NG	No Growth Projected			0.053631718					0	0	0.0536317					
24027	2501011011	BNAA	Portable Fuel Containers: Residential - Permeation			0.009226352	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.009863514					0	0	0.0098635					
24027	2501011012	BNAA	Portable Fuel Containers: Residential - Evaporation (including Diurnal)			0.079673864	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.085176056					0	0	0.0851761					
24027	2501011013	BNAA	Portable Fuel Containers: Residential - Transport			0.004372583	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.004674549					0	0	0.0046745					
24027	2501012011	BNAA	Portable Fuel Containers: Commercial - Permeation			0.001625820	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.001738097					0	0	0.0017381					
24027	2501012012	BNAA	Portable Fuel Containers: Commercial - Evaporation (Including Diurnal)			0.021352880	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.022827487					0	0	0.0228275					
24027	2501012013	BNAA	Portable Fuel Containers: Commercial - Transport			0.324070617	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.346450586					0	0	0.3464506					
24027	2501060051	BNAA	Gasoline Marketing - Tank Truck Unloading - Submerged Filling			0.153373811	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.160916922					0	0	0.1609169					
24027	2501060053	BNAA	Gasoline Marketing - Tank Truck Unloading - Balanced Submerged Filling			0.063730670	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.066865022					0	0	0.066865					
24027	2501060201	BNAA	Emissions from underground tank breathing.			0.233445679	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.244926822					0	0	0.2449268					
24027	2501080050	BNAA	AvGas Stage I Aircraft Refueling.			0.000004051	1.099976196	EMP	BMC Round v9A Cooperative Forecast			4.45593E-06					0	0	4.456E-06					
24027	2501080100	BNAA	AvGas Stage II Aircraft Refueling.			0.000002237	1.099976196	EMP	BMC Round v9A Cooperative Forecast			2.46071E-06					0	0	2.461E-06					
24027	2505030120	BNAA	Emissions from tank trucks in transit.			0.017111706	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.017953281					0	0	0.0179533					
24027	2620030000	BNAA	Emissions from solid waste landfills.			0.015366030	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.016427192					0	0	0.0164272					
24027	2630020000	BNAA	Emissions from POTWs.			0.010220731	1.093823227	HSE	BMC Round v9A Cooperative Forecast			0.011179673					0	0	0.0111797					
24027	2660000000	BNAA	Emissions from soil/groundwater remediation of LUST sites.			0.009205479	1	NG	No Growth Projected			0.009205479					0	0	0.0092055					
24027	2805002000	BNAA	BEEF			0.001933731	1	NG	No Growth Projected			0.001933731					0	0	0.0019337					
24027	2805007100	BNAA	LAYERS			0.000092792	1	NG	No Growth Projected			9.27918E-05					0	0	9.279E-05					
24027	2805009100	BNAA	BROILERS			0.000394841	1	NG	No Growth Projected			0.000394841					0	0	0.0003948					
24027	2805010100	BNAA	TURKEY			0.002109228	1	NG	No Growth Projected			0.002109228					0	0	0.0021092					
24027	2805018000	BNAA	DAIRY			0.008050215	1	NG	No Growth Projected			0.008050215					0	0	0.0080502					
24027	2805025000	BNAA	SWINE			0.000363278	1	NG	No Growth Projected			0.000363278					0	0	0.0003633					
24027	2805035000	BNAA	HORSES			0.003973920	1	NG	No Growth Projected			0.00397392					0	0	0.0039739					
24027	2805040000	BNAA	SHEEP			0.000728107	1	NG	No Growth Projected			0.000728107					0	0	0.0007281					
24027	2805045000	BNAA	GOATS			0.000227459	1	NG	No Growth Projected			0.000227459					0	0	0.0002275					
24027	2810001001	BNAA	wildfire/smodering	0.001236323	0.000005340	0.000288452	1	NG	No Growth Projected	0.001236323	5.33973E-06	0.000288452					0.0012363	5.34E-06	0.0002885					
24027	2810001002	BNAA	wildfire/flaming	0.005107959	0.000108641	0.001216027	1	NG	No Growth Projected	0.005107959	0.000108641	0.001216027					0.005108	0.0001086	0.001216					
24027	2810030000	BNAA	Emissions from structural fires.			0.003285534	1.069058927	POP	BMC Round v9A Cooperative Forecast			0.00351243					0	0	0.0035124					
24027	2810050000	BNAA	Emissions from motor vehicle fires.	0.006250000	0.000200000	0.001600000	1.069058927	POP	BMC Round v9A Cooperative Forecast	0.006681618	0.000213812	0.001710494					0.0066816	0.0002138	0.0017105					
24027	2830000000	BNAA	Emissions from catastrophic/accidental releases/oil spills.			0.000306554	1	NG	No Growth Projected			0.000306554					0	0	0.0003066					
24027 Total				1.616838057	1.374994091	7.745016541				1.768309454	1.510259229	8.307140301				0.24685563	1.7683095	1.5102592	8.0602847	0				
24510	2102004001	BNAA	ICI_Oil	0.001089208	0.004356830	0.000043568	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.001155251	0.004621005	4.621E-05					0.0011553	0.004621	4.621E-05					
24510	2102004002	BNAA	ICI_Oil	0.018879599	0.087717532	0.006099564	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.020024357	0.093036252	0.006469409					0.0200244	0.0930363	0.0064694					
24510	2102005000	BNAA	ICI_Oil	0.000096333	0.001059668	0.000005395	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.000102175	0.001123921	5.72178E-06					0.0001022	0.0011239	5.722E-06					
24510	2102006000	BNAA	ICI_NG	0.137729712	0.163963942	0.009018016	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.146080901	0.173905834	0.00956482					0.1460809	0.1739058	0.0095648					
24510	2102007000	BNAA	ICI_Other	0.000199640	0.000356446	0.000013025	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.000211745	0.000378059	1.38152E-05					0.0002117	0.0003781	1.382E-05					
24510	2102008000	BNAA	ICI_Biomass	0.551820513	0.202334199	0.015634913	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.585279942	0.214602657	0.016582931					0.5852799	0.2146027	0.0165829					
24510	2102011000	BNAA	ICI_Oil	0.000048644	0.000194676	0.000001917	1.060634623	EMP	BMC Round v9A Cooperative Forecast	5.15933E-05	0.00020648	2.03376E-06					5.159E-05	0.0002065	2.034E-06					
24510	2103004001	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000511167	0.002044669	0.000034759	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.000542162	0.002168647	3.6867E-05					0.0005422	0.0021686	3.687E-05					
24510	2103004002	BNAA	Emissions from commercial and institutional distillate oil combustion.	0.000699492	0.003249947	0.000225990	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.000741905	0.003447007	0.000239693					0.0007419	0.003447	0.0002397					
24510	2103005000	BNAA	Emissions from commercial and institutional residual oil combustion.	0.000007624	0.000083869	0.000001723	1.060634623	EMP	BMC Round v9A Cooperative Forecast	8.08679E-06	8.89547E-05	1.82762E-06					8.087E-06	8.895E-05	1.828E-06					
24510	2103006000	BNAA	Emissions from commercial & institutional natural gas combustion.	0.834772921	0.993777422	0.054657749	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.885389063	1.054034742	0.057971901					0.8853891	1.0540347	0.0579719					
24510	2103007000	BNAA	Emissions from commercial and institutional LPG combustion.	0.028063158	0.050105249	0.001830972	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.029764757	0.053143362	0.001941992					0.0297648	0.0531434	0.001942					

24510	2103008000	BNAA	ICI_Biomass	0.009171167	0.003362761	0.000259850	1.060634623	EMP	BMC Round v9A Cooperative Forecast	0.009727258	0.00356666	0.000275606					0.0097273	0.0035667	0.0002756								
24510	2103011000	BNAA	Emissions from commercial/institutional kerosene combustion.	0.000017790	0.000071162	0.000001210	1.060634623	EMP	BMC Round v9A Cooperative Forecast	1.88692E-05	7.54767E-05	1.2831E-06					1.887E-05	7.548E-05	1.283E-06								
24510	2104004000	BNAA	Emissions from residential distillate oil combustion.	0.000959870	0.003455532	0.000136877	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.000985315	0.003547134	0.000140506					0.0009853	0.0035471	0.0001405								
24510	2104006000	BNAA	Emissions from residential natural gas combustion.	0.432248491	1.015783954	0.059434168	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.443706887	1.042711186	0.061009697					0.4437069	1.0427112	0.0610097								
24510	2104007000	BNAA	Emissions from residential LPG combustion.	0.007626695	0.026894134	0.001047047	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.007828869	0.027607066	0.001074803					0.0078289	0.0276071	0.0010748								
24510	2104008100	BNAA	Fireplace: general	0.008342282	0.000145570	0.001058182	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.008563426	0.000149429	0.001086233					0.0085634	0.0001494	0.0010862								
24510	2104008210	BNAA	Woodstove: fireplace inserts; non EPA-certified	0.005168856	0.000062707	0.001186956	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.005305876	6.43694E-05	0.00121842					0.0053059	6.437E-05	0.0012184								
24510	2104008220	BNAA	Woodstove: fireplace inserts; EPA-certified; non-catalytic	0.002070191	0.000033523	0.000176437	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.002125069	3.44116E-05	0.000181114					0.0021251	3.441E-05	0.0001811								
24510	2104008230	BNAA	Woodstove: fireplace inserts; EPA-certified; catalytic	0.000447285	0.000008569	0.000064265	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.000459142	8.79582E-06	6.59686E-05					0.0004591	8.796E-06	6.597E-05								
24510	2104008310	BNAA	Woodstove: freestanding, non-EPA certified	0.009213766	0.000111779	0.002115813	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.009458012	0.000114742	0.0021719					0.009458	0.0001147	0.0021719								
24510	2104008320	BNAA	Woodstove: freestanding, EPA certified, non-catalytic	0.006970127	0.000112869	0.000594045	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.007154896	0.000115861	0.000609792					0.0071549	0.0001159	0.0006098								
24510	2104008330	BNAA	Woodstove: freestanding, EPA certified, catalytic	0.003445460	0.000066005	0.000495037	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.003536795	6.77547E-05	0.0005082					0.0035368	6.775E-05	0.0005082								
24510	2104008400	BNAA	Woodstove: pellet-fired, general	0.000269283	0.000064357	0.000037225	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.000276421	6.6063E-05	3.82122E-05					0.0002764	6.606E-05	3.821E-05								
24510	2104008510	BNAA	Furnace: Indoor, cordwood-fired, non-EPA certified	0.000047356	0.000000475	0.000003044	1.026508818	HSE	BMC Round v9A Cooperative Forecast	4.86115E-05	4.87526E-07	3.12427E-06					4.861E-05	4.875E-07	3.124E-06								
24510	2104009000	BNAA	Total: All Combustor Types	0.002099503	0.000128978	0.000664026	1.026508818	HSE	BMC Round v9A Cooperative Forecast	0.002155159	0.000132397	0.000681628					0.0021552	0.0001324	0.0006816								
24510	2104011000	BNAA	Emissions from residential kerosene combustion.	0.000022489	0.000080962	0.000003207	1.026508818	HSE	BMC Round v9A Cooperative Forecast	2.30856E-05	8.31083E-05	3.29201E-06					2.309E-05	8.311E-05	3.292E-06								
24510	2201000062	BNAA	Emissions from gasoline marketing refueling.			0.369197279	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.387354851					0	0	0.3873549								
24510	2302002100	BNAA	Conveyorized Charbroiling	0.153164411		0.045864943	1.010687598	POP	BMC Round v9A Cooperative Forecast	0.154801371		0.046355129					0.1548014	0	0.0463551								
24510	2302002200	BNAA	Under-fired Charbroiling	0.416893849		0.127444308	1.010687598	POP	BMC Round v9A Cooperative Forecast	0.421349443		0.128806382					0.4213494	0	0.1288064								
24510	2302003000	BNAA	Deep Fat Frying			0.024153908	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.024412055					0	0	0.0244121								
24510	2302003100	BNAA	Flat Griddle Frying	0.032915051		0.015939516	1.010687598	POP	BMC Round v9A Cooperative Forecast	0.033266834		0.016109871					0.0332668	0	0.0161099								
24510	2302003200	BNAA	Clamshell Griddle Frying			0.000898223	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.000907823					0	0	0.0009078								
24510	2302050000	BNAA	Emissions from bakeries.			0.099193154	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.10025329					0	0	0.1002533								
24510	2302070001	BNAA	Emissions from small breweries			0.001774612	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.001793579					0	0	0.0017936								
24510	2302070005	BNAA	Emissions from small wineries			0.000145662	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.000147219					0	0	0.0001472								
24510	2401001000	BNAA	Emissions from ALL SOLVENT TYPES architectural surface coatings.			1.888857793	1.010687598	POP	BMC Round v9A Cooperative Forecast			1.909045145					0	0	1.9090451								
24510	2401005000	BNAA	Emissions from automobile refinishing.			0.440309902	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.467007926					0	0	0.4670079								
24510	2401008000	BNAA	Emissions from traffic paints.			0.001344515	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.001358885					0	0	0.0013589								
24510	2401015000	BNAA	Industrial surface coatings of finished wood product manufacturing.			0.003701897	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.00392636					0	0	0.0039264								
24510	2401020000	BNAA	Emissions from surface coatings of wood furniture and fixtures.			0.115889811	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.122916746					0	0	0.1229167								
24510	2401025000	BNAA	Emissions from surface coatings of metal furniture & fixtures.			0.368184615	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.390509351					0	0	0.3905094								
24510	2401040000	BNAA	Emissions from surface coatings of metal cans.			0.216467591	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.229593022					0	0	0.229593								
24510	2401070000	BNAA	Emissions from surface coatings of Motor Vehicle.			0.003439795	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.003648366					0	0	0.0036484								
24510	2401080000	BNAA	Emissions from surface coatings of marine.			0.040742308	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.043212702					0	0	0.0432127								
24510	2401085000	BNAA	Emissions from surface coatings of Railroads.			0.074711538	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.079241644					0	0	0.0792416								
24510	2401090000	BNAA	Emissions from surface coatings - misc. manufacturing.			0.153000000	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.162277097					0	0	0.1622771								
24510	2401100000	BNAA	Emissions from surface coatings for industrial maintenance.			0.689028888	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.730807895					0	0	0.7308079								
24510	2401200000	BNAA	Emissions from surface coatings - other categories.			0.689028888	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.730807895					0	0	0.7308079								
24510	2415000000	BNAA	Emissions from Cleaning Products: Industrial and Institutional Cleaning.			0.866701021	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.91925311					0	0	0.9192531								
24510	2420000000	BNAA	Dry Cleaners			0.389166667	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.393325923					0	0	0.3933259								
24510	2425000000	BNAA	Emissions from Screen & Plateless printing			0.066383712	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.067093194					0	0	0.0670932								
24510	2425010000	BNAA	Emissions from Offset Lithography printing			0.288892080	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.291979642					0	0	0.2919796								
24510	2425020000	BNAA	Emissions from Letterpress printing			0.122932800	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.124246656					0	0	0.1242467								
24510	2425030000	BNAA	Emissions from Rotogravure printing			0.137193005	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.138659268					0	0	0.1386593								
24510	2425040000	BNAA	Emissions from Flexography printing			0.157108118	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.158787227					0	0	0.1587872								
24510	2440000000	BNAA	Emissions from industrial adhesives.			0.369296867	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.373243764					0	0	0.3732438								
24510	2460100000	BNAA	Commercial & Consumer Products - Personal Care Products			1.282937524	1.010687598	POP	BMC Round v9A Cooperative Forecast			1.296649044	VOC	10.30%	C&C Products PH III & IV	0.13355485	0	0	1.1630942								
24510	2460200000	BNAA	Commercial & Consumer Products - Household Products			0.385551254	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.389671871	VOC	10.30%	C&C Products PH III & IV	0.0401362	0	0	0.3495357								
24510	2460400000	BNAA	Commercial & Consumer Products - Automotive Aftermarket Products			0.700468559	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.707954885	VOC	10.30%	C&C Products PH III & IV	0.07291935	0	0	0.6350355								
24510	2460500000	BNAA	Commercial & Consumer Products - Coatings and Related Products			0.588936799	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.595231119	VOC	10.30%	C&C Products PH III & IV	0.06130881	0	0	0.5339223								
24510	2460600000	BNAA	Commercial & Consumer Products - Adhesives and Sealants			0.312483535	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.315823233	VOC	10.30%	C&C Products PH III & IV	0.03252979	0	0	0.2832934								
24510	2460800000	BNAA	Commercial & Consumer Products - FIFRA - Regulated Products			1.030827976	1.010687598	POP	BMC Round v9A Cooperative Forecast			1.041845051	VOC	10.30%	C&C Products PH III & IV	0.10731004	0	0	0.934535								
24510	2460900000	BNAA	Commercial & Consumer Products - Miscellaneous Products			0.042532083	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.042986649	VOC	10.30%	C&C Products PH III & IV	0.00442762	0	0	0.038559								
24510	2461020000	BNAA	Misc. Asphalt Application			0.114579651	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.115804232					0	0	0.1158042								
24510	2461021000	BNAA	Cutback Asphalt Application			0.052400660	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.052960697					0	0	0.0529607								
24510	2461022000	BNAA	Emissions from emulsified asphalt.			0.087399535	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.088333626					0	0	0.0883336								
24510	2461023000	BNAA	Emissions from Asphalt Roofing.			0.151483413	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.153102406					0	0	0.1531024								
24510	2501011011	BNAA	Portable Fuel Containers: Residential - Permeation			0.006580760	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.006651093					0	0	0.0066511								
24510	2501011012	BNAA	Portable Fuel Containers: Residential - Evaporation (including Diurnal)			0.056827941	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.057435295					0	0	0.0574353								
24510	2501011013	BNAA	Portable Fuel Containers: Residential - Transport			0.003118775	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.003152107					0	0	0.0031521								
24510	2501012011	BNAA	Portable Fuel Containers: Commercial - Permeation			0.001881130	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.001901234					0	0	0.0019012								
24510	2501012012	BNAA	Portable Fuel Containers: Commercial - Evaporation (Including Diurnal)			0.024706018	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.024970066					0	0	0.0249701								
24510	2501012013	BNAA	Portable Fuel Containers: Commercial - Transport			0.374960865	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.378968296					0	0	0.3789683								
24510	2501060051	BNAA	Gasoline Marketing - Tank Truck Unloading - Submerged Filling			0.164688474	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.172788053					0	0	0.1727881								
24510	2501060053	BNAA	Gasoline Marketing - Tank Truck Unloading - Balanced Submerged Filling			0.068432197	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.071797776					0	0	0.0717978								
24510	2501060201	BNAA	Emissions from underground tank breathing.			0.250667388	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.262995515					0	0	0.2629955								
24510	2501080050	BNAA	AvGas Stage I Aircraft Refueling.			0.000345434	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.00036638					0	0	0.0003664								
24510	2501080100	BNAA	AvGas Stage II Aircraft Refueling.			0.000190760	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.000202327					0	0	0.0002023								
24510	2505020030	BNAA	Emissions from crude oil marine vessel unloading.			0.000083836	1.060634623	EMP	BMC Round v9A Cooperative Forecast			8.89197E-05					0	0	8.892E-05								
24510	2505020060	BNAA	Emissions from residual oil marine vessel unloading.			0.000000515	1.060634623	EMP	BMC Round v9A Cooperative Forecast			5.46343E-07					0	0	5.463E-07								
24510	2505020090	BNAA	Emissions from distillate oil marine vessel unloading.			0.000021282	1.060634623	EMP	BMC Round v9A Cooperative Forecast			2.25719E-05					0	0	2.257E-05								
24510	2505020120	BNAA	Emissions from gasoline marine vessel unloading.			0.072299352	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.076683196					0	0	0.0766832								
24510	2505020150	BNAA	Emissions from jet naphtha marine vessel unloading.			0.000162760	1.060634623	EMP	BMC Round v9A Cooperative Forecast			0.000172629					0	0	0.0001726								
24510	2505020180	BNAA	Emissions from kerosene marine vessel unloading.			0.000057234	1.060634623	EMP	BMC Round v9A Cooperative Forecast			6.07048E-05					0	0	6.07E-05								
24510	2505030120	BNAA	Emissions from tank trucks in transit.			0.018374067	1.049181218	VMT	BMC Round v9A Cooperative Forecast			0.019277726					0	0	0.0192777								
24510	2601020000	BNAA	Emissions from on-site incineration.		0.104166096	0.001085466	1	NG	No Growth Projected		0.104166096	0.001085466					0	0.1041661	0.0010855								
24510	2620030000	BNAA	Emissions from solid waste landfills.			0.070034599	1.010687598	POP	BMC Round v9A Cooperative Forecast			0.0707831					0	0	0.0707831								
24510	2630020000	BNAA	Emissions from POTWs.			0.029558948	1.026508818	HSE	BMC Round v9A Cooperative Forecast			0.030342521					0	0	0.0303425								
24510	2660000000	BNAA	Emissions from soil/groundwater remediation of LUST sites.			0.043726027	1	NG	No Growth Projected			0.043726027					0	0	0.043726								
24510	2810050000	BNAA	Emissions from motor vehicle fires.	0.021960616	0.000702740	0.005621918	1.010687598	POP	BMC Round v9A Cooperative Forecast	0.022195323	0.00071025	0.005682003					0.0221953	0.0007103	0.005682								
24510	2810060100	BNAA	Human Cremation	0.001584846	0.000519412		1.010687598	POP	BMC Round v9A Cooperative Forecast	0.001601784	0.000524963						0.0016018	0.000525	0								
24510	2810060200	BNAA	Animal Cremation	0.000198692	0.000065423		1	NG	No Growth Projected	0.000198692	6.54231E-05						0.0001987	6.542E-05	0								
24510	2830000000	BNAA	Emissions from catastrophic/accidental releases/oil spills.			0.002241346	1	NG	No Growth Projected			0.002241346					0	0	0.0022413								
24510 Total				2.688756089	2.665081457	13.867106478				2.804139076	2.784568593	14.24078669				0.45218667	2.8041391	2.7845686	13.7886								
Grand Total				26.954383090	10.930945855	72.232656904				28.01012031	11.54598069	75.1390167				2.06140405	28.01012	11.545981	73.077613								

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tate County FIP	SCC (AMS)	Emission Process Description	CO	NOX	VOC	GF	GF Source	2023 CO	2023 NOX	2023 VOC
24003	2275001000	Emissions from military aviation aircraft landing and takeoff.	0.0176	0.0033	0.0098	1.030589949	MD DLLR Forecast Air Transportation	0.0181	0.0034	0.0101
24003	2275020000	Emissions from commercial aviation aircraft landing and takeoff.	0.0002	0.0001	0.0001	1.030589949	MD DLLR Forecast Air Transportation	0.0002	0.0001	0.0001
24003	2275050000	Emissions from general aviation aircraft landing and takeoff.	0.5173	0.0028	0.0165	1.030589949	MD DLLR Forecast Air Transportation	0.5332	0.0029	0.0170
24003	2275060000	Emissions from air taxi aviation aircraft landing and takeoff.	0.0020	0.0000	0.0001	1.030589949	MD DLLR Forecast Air Transportation	0.0021	0.0000	0.0001
24003	2280002100	Mobile Sources;Marine Vessels, Commercial;Diesel;Port emissions	0.0011	0.0055	0.0001	1.173330542	MD DLLR Forecast Water Transportation	0.0012	0.0065	0.0001
24003	2280002200	Mobile Sources;Marine Vessels, Commercial;Diesel;Underway emissions	0.0312	0.1519	0.0017	1.173330542	MD DLLR Forecast Water Transportation	0.0367	0.1782	0.0020
24003	2280003100	Mobile Sources;Marine Vessels, Commercial;Residual;Port emissions	0.0434	0.3838	0.0189	1.173330542	MD DLLR Forecast Water Transportation	0.0509	0.4503	0.0222
24003	2280003200	Mobile Sources;Marine Vessels, Commercial;Residual;Underway emissions	0.1010	0.7910	0.0526	1.173330542	MD DLLR Forecast Water Transportation	0.1185	0.9281	0.0618
24003	2285002006	Emissions from railroad line haul: Class I Operations	0.0161	0.0689	0.0029	1.105314381	MD DLLR Forecast Rail Transportation	0.0178	0.0762	0.0032
24003	2285002009	Emissions from railroad line haul: Commuter Operations	0.0396	0.1695	0.0072	1.105314381	MD DLLR Forecast Rail Transportation	0.0438	0.1873	0.0080
24003	2285002010	Emissions from railroad yard operations.	0.0063	0.0467	0.0028	1.105314381	MD DLLR Forecast Rail Transportation	0.0070	0.0517	0.0031
24003 Total			0.7757	1.6235	0.1127			0.8293	1.8846	0.0000
24005	2275001000	Emissions from military aviation aircraft landing and takeoff.	0.0435	0.0011	0.0202	1.030589949	MD DLLR Forecast Air Transportation	0.0449	0.0012	0.0208
24005	2275020000	Emissions from commercial aviation aircraft landing and takeoff.	0.0367	0.0010	0.0170	1.030589949	MD DLLR Forecast Air Transportation	0.0378	0.0010	0.0175
24005	2275050000	Emissions from general aviation aircraft landing and takeoff.	1.4572	0.0298	0.4966	1.030589949	MD DLLR Forecast Air Transportation	1.5018	0.0307	0.5118
24005	2280002100	Mobile Sources;Marine Vessels, Commercial;Diesel;Port emissions	0.0003	0.0017	0.0000	1.173330542	MD DLLR Forecast Water Transportation	0.0004	0.0020	0.0000
24005	2280002200	Mobile Sources;Marine Vessels, Commercial;Diesel;Underway emissions	0.0092	0.0467	0.0006	1.173330542	MD DLLR Forecast Water Transportation	0.0108	0.0548	0.0007
24005	2280003100	Mobile Sources;Marine Vessels, Commercial;Residual;Port emissions	0.0506	0.5312	0.0191	1.173330542	MD DLLR Forecast Water Transportation	0.0594	0.6233	0.0224
24005	2280003200	Mobile Sources;Marine Vessels, Commercial;Residual;Underway emissions	0.1178	1.0948	0.0531	1.173330542	MD DLLR Forecast Water Transportation	0.1382	1.2846	0.0624
24005	2285002006	Emissions from railroad line haul: Class I Operations	0.0578	0.2476	0.0105	1.105314381	MD DLLR Forecast Rail Transportation	0.0639	0.2737	0.0116
24005	2285002007	Emissions from railroad line haul: Class II & Class III Operations	0.0006	0.0027	0.0001	1.105314381	MD DLLR Forecast Rail Transportation	0.0007	0.0029	0.0001
24005	2285002009	Emissions from railroad line haul: Commuter Operations	0.0373	0.1595	0.0068	1.105314381	MD DLLR Forecast Rail Transportation	0.0412	0.1763	0.0075
24005	2285002010	Emissions from railroad yard operations.	0.0217	0.1610	0.0097	1.105314381	MD DLLR Forecast Rail Transportation	0.0240	0.1780	0.0107
24005 Total			1.8328	2.2771	0.6337			1.9230	2.6284	0.0000
24013	2275001000	Emissions from military aviation aircraft landing and takeoff.	0.0097	0.0018	0.0054	1.030589949	MD DLLR Forecast Air Transportation	0.0100	0.0019	0.0055
24013	2275050000	Emissions from general aviation aircraft landing and takeoff.	0.4344	0.0024	0.0138	1.030589949	MD DLLR Forecast Air Transportation	0.4477	0.0024	0.0143
24013	2275060000	Emissions from air taxi aviation aircraft landing and takeoff.	0.0096	0.0001	0.0004	1.030589949	MD DLLR Forecast Air Transportation	0.0099	0.0001	0.0004
24013	2285002006	Emissions from railroad line haul: Class I Operations	0.0295	0.1265	0.0054	1.105314381	MD DLLR Forecast Rail Transportation	0.0327	0.1398	0.0059
24013	2285002007	Emissions from railroad line haul: Class II & Class III Operations	0.0133	0.0571	0.0024	1.105314381	MD DLLR Forecast Rail Transportation	0.0147	0.0631	0.0027
24013 Total			0.4966	0.1878	0.0274			0.5150	0.2072	0.0000
24025	2275001000	Emissions from military aviation aircraft landing and takeoff.	0.0092	0.0017	0.0051	1.030589949	MD DLLR Forecast Air Transportation	0.0095	0.0018	0.0053
24025	2275050000	Emissions from general aviation aircraft landing and takeoff.	0.2026	0.0011	0.0065	1.030589949	MD DLLR Forecast Air Transportation	0.2088	0.0011	0.0066
24025	2280002100	Mobile Sources;Marine Vessels, Commercial;Diesel;Port emissions	0.0000	0.0002	0.0000	1.173330542	MD DLLR Forecast Water Transportation	0.0000	0.0002	0.0000
24025	2280002200	Mobile Sources;Marine Vessels, Commercial;Diesel;Underway emissions	0.0008	0.0042	0.0001	1.173330542	MD DLLR Forecast Water Transportation	0.0010	0.0050	0.0001
24025	2285002006	Emissions from railroad line haul: Class I Operations	0.0612	0.2622	0.0111	1.105314381	MD DLLR Forecast Rail Transportation	0.0677	0.2898	0.0123
24025	2285002009	Emissions from railroad line haul: Commuter Operations	0.0466	0.1994	0.0085	1.105314381	MD DLLR Forecast Rail Transportation	0.0515	0.2204	0.0094
24025 Total			0.3205	0.4688	0.0312			0.3385	0.5183	0.0000
24027	2275050000	Emissions from general aviation aircraft landing and takeoff.	0.0043	0.0000	0.0001	1.030589949	MD DLLR Forecast Air Transportation	0.0044	0.0000	0.0001
24027	2285002006	Emissions from railroad line haul: Class I Operations	0.0473	0.2025	0.0086	1.105314381	MD DLLR Forecast Rail Transportation	0.0523	0.2238	0.0095
24027	2285002009	Emissions from railroad line haul: Commuter Operations	0.0233	0.0997	0.0042	1.105314381	MD DLLR Forecast Rail Transportation	0.0257	0.1102	0.0047
24027 Total			0.0749	0.3022	0.0130			0.0824	0.3341	0.0000
24510	2275050000	Emissions from general aviation aircraft landing and takeoff.	0.0360	0.0002	0.0011	1.030589949	MD DLLR Forecast Air Transportation	0.0371	0.0002	0.0012
24510	2275060000	Emissions from air taxi aviation aircraft landing and takeoff.	0.0010	0.0000	0.0000	1.030589949	MD DLLR Forecast Air Transportation	0.0010	0.0000	0.0000
24510	2280002100	Mobile Sources;Marine Vessels, Commercial;Diesel;Port emissions	0.0007	0.0038	0.0001	1.173330542	MD DLLR Forecast Water Transportation	0.0008	0.0045	0.0001
24510	2280002200	Mobile Sources;Marine Vessels, Commercial;Diesel;Underway emissions	0.0205	0.1049	0.0012	1.173330542	MD DLLR Forecast Water Transportation	0.0241	0.1231	0.0014
24510	2280003100	Mobile Sources;Marine Vessels, Commercial;Residual;Port emissions	0.0544	0.5992	0.0199	1.173330542	MD DLLR Forecast Water Transportation	0.0638	0.7030	0.0233
24510	2280003200	Mobile Sources;Marine Vessels, Commercial;Residual;Underway emissions	0.1267	1.2349	0.0554	1.173330542	MD DLLR Forecast Water Transportation	0.1486	1.4489	0.0650
24510	2285002006	Emissions from railroad line haul: Class I Operations	0.0531	0.2276	0.0097	1.105314381	MD DLLR Forecast Rail Transportation	0.0587	0.2515	0.0107
24510	2285002010	Emissions from railroad yard operations.	0.0555	0.4114	0.0248	1.105314381	MD DLLR Forecast Rail Transportation	0.0614	0.4547	0.0274
24510 Total			0.3479	2.5819	0.1121			0.3956	2.9859	0.0000
Grand Total			3.8485	7.4414	0.9302			4.0839	8.5586	0.9990

Quasi-Point 2017

State County	State Facility	Facility	2017				2017-2023		2023		
FIPs	Identifier	Name	CO	NOX	VOC		GF		CO	NOX	VOC
24003	003-0208	BWI	0.00258	0.00071	0.00005		1.03342		0.00267	0.00073	0.00005
24003	003-0208	BWI	0.95824	0.11037	0.03408		1.03342		0.99026	0.11405	0.03522
24003	003-0208	BWI	0.01381	0.01459	0.00305		1.03342		0.01428	0.01508	0.00315
24003	003-0208	BWI	2.72003	2.87258	0.60020		1.03342		2.81093	2.96858	0.62026
24003	003-0208	BWI	0.16659	0.17593	0.03676		1.03342		0.17216	0.18181	0.03799
24003	003-0208	BWI	0.38615	0.40781	0.08521		1.03342		0.39905	0.42143	0.08805
24003	003-0208	BWI	0.09523	0.10431	0.00662		1.03342		0.09841	0.10780	0.00684
24003	003-0208	BWI	0.00459	0.00016	0.00907		1.03342		0.00475	0.00016	0.00937
24003	003-0208	BWI	0.00135	0.00535	0.00010		1.03342		0.00140	0.00553	0.00010
24003	003-0208	BWI	0.00700	0.02805	0.00050		1.03342		0.00723	0.02899	0.00052
24003	003-0208	BWI	0.05315	0.03165	0.00350		1.03342		0.05493	0.03271	0.00362
24003	003-0208	BWI	0.00700	0.02805	0.00050		1.03342		0.00723	0.02899	0.00052
24003	003-0208	BWI	0.05315	0.03165	0.00350		1.03342		0.05493	0.03271	0.00362
24003	003-0208	BWI	0.00320	0.01275	0.00020		1.03342		0.00331	0.01318	0.00021
24003	003-0208	BWI	0.02415	0.01440	0.00160		1.03342		0.02496	0.01488	0.00165
24003	003-0208	BWI	0.00001	0.00005			1.03342		0.00001	0.00005	0.00000
24003	003-0208	BWI	0.00001	0.00005			1.03342		0.00001	0.00005	0.00000
24003	003-0208	BWI	0.00295	0.00175	0.00020		1.03342		0.00305	0.00181	0.00021
24003	003-0208	BWI	0.00295	0.00175	0.00020		1.03342		0.00305	0.00181	0.00021
24003	003-0208	BWI	0.00295	0.00175	0.00020		1.03342		0.00305	0.00181	0.00021
24003	003-0208	BWI	0.00295	0.00175	0.00020		1.03342		0.00305	0.00181	0.00021
24003	003-0208	BWI	0.00100	0.00060	0.00005		1.03342		0.00103	0.00062	0.00005
24003	003-0208	BWI	0.00190	0.00115	0.00015		1.03342		0.00196	0.00119	0.00016
24003	003-0208	BWI	0.00060	0.00060	0.00005		1.03342		0.00062	0.00062	0.00005
24003	003-0208	BWI			0.00275		1.03342		0.00000	0.00000	0.00284
24003	003-0208	BWI	0.00250	0.00950	0.00015		1.03342		0.00258	0.00982	0.00016
24003	003-0208	BWI	0.00185	0.00695	0.00020		1.03342		0.00191	0.00718	0.00021
24003	003-0208	BWI	0.00135	0.00510	0.00010		1.03342		0.00140	0.00527	0.00010
24003	003-0208	BWI	0.00455	0.01715	0.00045		1.03342		0.00470	0.01772	0.00047
24003	003-0208	BWI	0.00115	0.00530	0.00040		1.03342		0.00119	0.00548	0.00041
24003	003-0208	BWI	0.00210	0.00790	0.00020		1.03342		0.00217	0.00816	0.00021
24003	003-0208	BWI	0.00090	0.00340	0.00010		1.03342		0.00093	0.00351	0.00010
24003	003-0208	BWI	0.00155	0.00585	0.00015		1.03342		0.00160	0.00605	0.00016
24003	003-0208	BWI	0.00260	0.00970	0.00025		1.03342		0.00269	0.01002	0.00026
24003	003-0208	BWI	0.00570	0.02140	0.00055		1.03342		0.00589	0.02212	0.00057
24003	003-0208	BWI	0.00995	0.03745	0.00095		1.03342		0.01028	0.03870	0.00098
24003	003-0208	BWI	0.00375	0.01420	0.00035		1.03342		0.00388	0.01467	0.00036
24003	003-0208	BWI	0.00445	0.01685	0.00045		1.03342		0.00460	0.01741	0.00047
24003 Total		BWI	4.55394	4.00855	0.79304		1.03342		4.70612	4.14250	0.81954
24025	025-0081	APG	0.00522	0.00033	0.00001		1.19405		0.00624	0.00039	0.00001
24025	025-0081	APG			0.00001		1.19405		0.00000	0.00000	0.00002
24025	025-0081	APG	0.10443	0.00949	0.01032		1.19405		0.12470	0.01133	0.01232
24025	025-0081	APG	0.10048	0.01067	0.00866		1.19405		0.11998	0.01274	0.01035
24025	025-0081	APG	0.02236	0.00175	0.00110		1.19405		0.02670	0.00210	0.00131
24025	025-0081	APG	0.00309	0.00032	0.00021		1.19405		0.00369	0.00039	0.00025
24025	025-0081	APG	0.00021	0.00064	0.00006		1.19405		0.00025	0.00076	0.00007
24025	025-0081	APG	0.00178	0.00281	0.00036		1.19405		0.00213	0.00335	0.00043
24025	025-0081	APG	0.00023	0.00093	0.00006		1.19405		0.00027	0.00112	0.00007
24025	025-0081	APG	0.00126	0.00295	0.00025		1.19405		0.00150	0.00352	0.00029
24025	025-0081	APG	0.00038	0.00116	0.00010		1.19405		0.00046	0.00138	0.00012
24025	025-0081	APG	0.00033	0.00099	0.00009		1.19405		0.00039	0.00119	0.00011
24025	025-0081	APG	0.00001	0.00005	0.00000		1.19405		0.00001	0.00007	0.00000
24025	025-0081	APG	0.00374	0.00039	0.00026		1.19405		0.00447	0.00047	0.00031
24025	025-0081	APG	0.00044	0.00090	0.00009		1.19405		0.00052	0.00107	0.00011
24025	025-0081	APG	0.00000	0.00000			1.19405		0.00000	0.00000	0.00000
24025	025-0081	APG	0.00015	0.00031	0.00003		1.19405		0.00018	0.00036	0.00004

24025	025-0081	APG	0.00001	0.00001	0.00000		1.19405		0.00001	0.00001	0.00000
24025	025-0081	APG	0.40455	0.13564	0.10981		1.19405		0.48305	0.16197	0.13112
24025	025-0081	APG	0.00288	0.01521	0.00085		1.19405		0.00343	0.01816	0.00101
24025	025-0081	APG	0.12674	0.00360	0.02884		1.19405		0.15134	0.00430	0.03444
24025	025-0081	APG			0.00732		1.19405		0.00000	0.00000	0.00874
24025	025-0081	APG			0.00559		1.19405		0.00000	0.00000	0.00667
24025	025-0081	APG			0.00055		1.19405		0.00000	0.00000	0.00065
24025	025-0081	APG			0.00653		1.19405		0.00000	0.00000	0.00780
24025	025-0081	APG			0.00222		1.19405		0.00000	0.00000	0.00265
24025	025-0081	APG			0.00383		1.19405		0.00000	0.00000	0.00457
24025	025-0081	APG			0.00204		1.19405		0.00000	0.00000	0.00244
24025	025-0081	APG			0.00020		1.19405		0.00000	0.00000	0.00024
24025	025-0081	APG	0.02345	0.00704	0.00186		1.19405		0.02800	0.00841	0.00222
24025	025-0081	APG			0.00049		1.19405		0.00000	0.00000	0.00059
24025	025-0081	APG	0.00005	0.00005	0.00000		1.19405		0.00007	0.00006	0.00000
24025	025-0081	APG			0.00745		1.19405		0.00000	0.00000	0.00890
24025	025-0081	APG	0.00044	0.00025	0.00002		1.19405		0.00052	0.00030	0.00002
24025	025-0081	APG	0.00584	0.02050	0.00040		1.19405		0.00697	0.02447	0.00047
24025	025-0081	APG	0.00013	0.00058	0.00001		1.19405		0.00015	0.00069	0.00001
24025	025-0081	APG	0.00007	0.00024	0.00001		1.19405		0.00008	0.00028	0.00001
24025	025-0081	APG			0.00001		1.19405		0.00000	0.00000	0.00001
24025	025-0081	APG		0.00017			1.19405		0.00000	0.00020	0.00000
24025	025-0081	APG	0.00547	0.00570	0.00036		1.19405		0.00653	0.00680	0.00043
24025	025-0081	APG	0.00547	0.00570	0.00036		1.19405		0.00653	0.00680	0.00043
24025	025-0081	APG	0.00547	0.00570	0.00036		1.19405		0.00653	0.00680	0.00043
24025	025-0081	APG	0.00270	0.00256	0.00018		1.19405		0.00322	0.00306	0.00021
24025	025-0081	APG	0.00270	0.00256	0.00018		1.19405		0.00322	0.00306	0.00021
24025	025-0081	APG	0.00068		0.00005		1.19405		0.00081	0.00000	0.00005
24025	025-0081	APG	0.01514	0.01341	0.00099		1.19405		0.01807	0.01601	0.00118
24025	025-0081	APG			0.00033		1.19405		0.00000	0.00000	0.00039
24025	025-0081	APG	0.00087	0.00065	0.00016		1.19405		0.00104	0.00077	0.00019
24025	025-0081	APG	0.00553	0.00204	0.00036		1.19405		0.00660	0.00244	0.00043
24025	025-0081	APG	0.00198	0.00085	0.00013		1.19405		0.00236	0.00101	0.00016
24025	025-0081	APG	0.00566	0.00220	0.00037		1.19405		0.00675	0.00262	0.00044
24025	025-0081	APG	0.00234	0.00105	0.00016		1.19405		0.00279	0.00125	0.00019
24025	025-0081	APG	0.00027	0.00213	0.00002		1.19405		0.00032	0.00254	0.00002
24025	025-0081	APG	0.00077	0.00138	0.00005		1.19405		0.00091	0.00164	0.00006
24025	025-0081	APG	0.00077	0.00138	0.00005		1.19405		0.00091	0.00164	0.00006
24025	025-0081	APG	0.00081	0.00096	0.00006		1.19405		0.00097	0.00115	0.00007
24025	025-0081	APG	0.00096	0.00062			1.19405		0.00114	0.00074	0.00000
24025	025-0081	APG	0.00081	0.00096	0.00006		1.19405		0.00097	0.00115	0.00007
24025	025-0081	APG	0.00081	0.00060	0.00006		1.19405		0.00097	0.00072	0.00007
24025	025-0081	APG	0.00060	0.00114	0.00004		1.19405		0.00072	0.00136	0.00005
24025	025-0081	APG	0.00001				1.19405		0.00001	0.00000	0.00000
24025	025-0081	APG			0.00027		1.19405		0.00000	0.00000	0.00032
24025	025-0081	APG			0.00073		1.19405		0.00000	0.00000	0.00087
24025	025-0081	APG			0.00115		1.19405		0.00000	0.00000	0.00137
24025	025-0081	APG	0.00149	0.00559	0.00050		1.19405		0.00177	0.00667	0.00059
24025	025-0081	APG	0.00513	0.00773	0.00050		1.19405		0.00613	0.00922	0.00059
24025	025-0081	APG	0.00287	0.00824	0.00028		1.19405		0.00343	0.00983	0.00033
24025	025-0081	APG	0.00244	0.00415	0.00024		1.19405		0.00291	0.00495	0.00028
24025	025-0081	APG	0.00149	0.00559	0.00015		1.19405		0.00177	0.00667	0.00017
24025	025-0081	APG	0.00325	0.01224	0.00019		1.19405		0.00388	0.01462	0.00022
24025	025-0081	APG	0.00211	0.00792	0.00021		1.19405		0.00251	0.00946	0.00024
24025	025-0081	APG	0.00192	0.00720	0.00019		1.19405		0.00229	0.00860	0.00022
24025	025-0081	APG	0.00230	0.00864	0.00022		1.19405		0.00274	0.01032	0.00026
24025	025-0081	APG	0.00287	0.01080	0.00028		1.19405		0.00343	0.01290	0.00033
24025	025-0081	APG	0.00636	0.02394	0.00062		1.19405		0.00759	0.02858	0.00073

24025	025-0081	APG	0.00219	0.00824	0.00021		1.19405		0.00261	0.00983	0.00025
24025	025-0081	APG	0.01700	0.06400	0.00164		1.19405		0.02030	0.07641	0.00196
24025	025-0081	APG	0.03040	0.11445	0.00293		1.19405		0.03630	0.13666	0.00350
24025	025-0081	APG	0.00447	0.01683	0.00043		1.19405		0.00534	0.02010	0.00051
24025	025-0081	APG	0.03585	0.12319	0.00346		1.19405		0.04281	0.14709	0.00413
24025	025-0081	APG	0.00517	0.04780	0.00050		1.19405		0.00617	0.05708	0.00060
24025	025-0081	APG	0.00127	0.00476			1.19405		0.00151	0.00568	0.00000
24025	025-0081	APG	0.00192	0.00721	0.00019		1.19405		0.00229	0.00861	0.00022
24025	025-0081	APG	0.00636	0.02395	0.00062		1.19405		0.00759	0.02859	0.00073
24025	025-0081	APG	0.00462	0.01739			1.19405		0.00552	0.02076	0.00000
24025	025-0081	APG		0.01403	0.00427		1.19405		0.00000	0.01675	0.00509
24025	025-0081	APG	0.04530	0.17055			1.19405		0.05409	0.20364	0.00000
24025	025-0081	APG	0.00227	0.00856	0.00022		1.19405		0.00271	0.01022	0.00026
24025	025-0081	APG	0.00376	0.01414	0.00036		1.19405		0.00448	0.01688	0.00043
24025	025-0081	APG	0.00225	0.00846	0.00022		1.19405		0.00268	0.01010	0.00026
24025	025-0082	APG	0.00178	0.00281	0.00036		1.19405		0.00213	0.00335	0.00043
24025	025-0082	APG	0.00126	0.00295	0.00025		1.19405		0.00150	0.00352	0.00029
24025	025-0082	APG	0.07745	0.01121	0.17260		1.19405		0.09248	0.01338	0.20610
24025	025-0082	APG	0.05627	0.00160	0.01280		1.19405		0.06719	0.00191	0.01529
24025	025-0082	APG			0.00030		1.19405		0.00000	0.00000	0.00035
24025	025-0082	APG			0.00055		1.19405		0.00000	0.00000	0.00065
24025	025-0082	APG			0.00038		1.19405		0.00000	0.00000	0.00045
24025	025-0082	APG			0.00013		1.19405		0.00000	0.00000	0.00015
24025	025-0082	APG			0.00022		1.19405		0.00000	0.00000	0.00026
24025	025-0082	APG			0.00009		1.19405		0.00000	0.00000	0.00011
24025	025-0082	APG			0.00001		1.19405		0.00000	0.00000	0.00001
24025	025-0082	APG	0.00025	0.00007	0.00003		1.19405		0.00029	0.00009	0.00003
24025	025-0082	APG	0.00004	0.00017			1.19405		0.00005	0.00020	0.00000
24025	025-0082	APG	0.00025	0.00066	0.00001		1.19405		0.00029	0.00078	0.00001
24025	025-0082	APG	0.00004				1.19405		0.00005	0.00000	0.00000
24025	025-0082	APG	0.00004				1.19405		0.00005	0.00000	0.00000
24025	025-0082	APG	0.06950	0.03039	0.00118		1.19405		0.08299	0.03629	0.00141
24025	025-0082	APG	0.01161	0.03235			1.19405		0.01386	0.03863	0.00000
24025	025-0082	APG	0.00580	0.02310			1.19405		0.00693	0.02758	0.00000
24025	025-0082	APG	0.06600	0.02775	0.00115		1.19405		0.07881	0.03313	0.00137
24025	025-0082	APG	0.00010	0.00025			1.19405		0.00012	0.00030	0.00000
24025	025-0082	APG	0.00006				1.19405		0.00007	0.00000	0.00000
24025	025-0082	APG	0.00005				1.19405		0.00006	0.00000	0.00000
24025	025-0082	APG	0.00006				1.19405		0.00007	0.00000	0.00000
24025	025-0082	APG	0.00007	0.00026	0.00026		1.19405		0.00008	0.00030	0.00031
24025	025-0082	APG	0.00022	0.00075	0.00002		1.19405		0.00026	0.00090	0.00002
24025	025-0082	APG	0.00013	0.00036	0.00001		1.19405		0.00015	0.00043	0.00001
24025	025-0082	APG	0.00013	0.00036			1.19405		0.00015	0.00043	0.00000
24025	025-0082	APG	0.00030	0.00040			1.19405		0.00036	0.00048	0.00000
24025	025-0082	APG	0.00014	0.00033			1.19405		0.00016	0.00039	0.00000
24025	025-0082	APG	0.00016	0.00056	0.00045		1.19405		0.00019	0.00067	0.00053
24025	025-0082	APG	0.00025	0.00090			1.19405		0.00030	0.00107	0.00000
24025	025-0082	APG	0.00024	0.00092	0.00002		1.19405		0.00028	0.00109	0.00002
24025	025-0082	APG	0.00015	0.00055			1.19405		0.00018	0.00066	0.00000
24025	025-0082	APG	0.00030	0.00140			1.19405		0.00036	0.00167	0.00000
24025	025-0082	APG	0.00044	0.00106			1.19405		0.00052	0.00126	0.00000
24025	025-0082	APG	0.00045	0.00175	0.00005		1.19405		0.00054	0.00209	0.00006
24025	025-0082	APG	0.00032	0.00120			1.19405		0.00038	0.00143	0.00000
24025	025-0082	APG		0.00040			1.19405		0.00000	0.00048	0.00000
24025	025-0082	APG		0.00039			1.19405		0.00000	0.00047	0.00000
24025	025-0082	APG	0.00030				1.19405		0.00036	0.00000	0.00000
24025	025-0082	APG	0.00022		0.00000		1.19405		0.00026	0.00000	0.00000
24025	025-0082	APG	0.02750	0.01281	0.00003		1.19405		0.03284	0.01530	0.00003

24025	025-0082	APG	0.00105	0.00075	0.00006		1.19405		0.00125	0.00089	0.00007
24025	025-0082	APG	0.00105	0.00075	0.00006		1.19405		0.00125	0.00089	0.00007
24025	025-0082	APG	0.00105	0.00075	0.00005		1.19405		0.00125	0.00089	0.00006
24025	025-0082	APG	0.00105	0.00035	0.00005		1.19405		0.00125	0.00042	0.00006
24025	025-0082	APG	0.00103	0.00036	0.00004		1.19405		0.00123	0.00042	0.00004
24025	025-0082	APG	0.00105	0.00036	0.00005		1.19405		0.00125	0.00042	0.00006
24025	025-0082	APG	0.00103	0.00036	0.00004		1.19405		0.00123	0.00042	0.00004
24025	025-0082	APG	0.00105	0.00035	0.00005		1.19405		0.00125	0.00042	0.00006
24025	025-0082	APG	0.02032	0.03587	0.00273		1.19405		0.02426	0.04283	0.00325
24025	025-0082	APG			0.00003		1.19405		0.00000	0.00000	0.00003
24025	025-0082	APG	0.00416	0.02382	0.00224		1.19405		0.00497	0.02844	0.00267
24025	025-0082	APG		0.03566			1.19405		0.00000	0.04258	0.00000
24025	025-0082	APG	0.00641	0.15290	0.00418		1.19405		0.00765	0.18257	0.00499
24025	025-0082	APG	0.00245	0.00609	0.00015		1.19405		0.00292	0.00727	0.00018
24025	025-0082	APG	0.00310	0.02761	0.00047		1.19405		0.00370	0.03296	0.00056
24025	025-0082	APG	0.00165	0.00614	0.00013		1.19405		0.00197	0.00733	0.00016
24025	025-0082	APG	0.00708		0.00104		1.19405		0.00845	0.00000	0.00124
24025	025-0082	APG	0.04633	0.08045	0.00066		1.19405		0.05531	0.09606	0.00079
24025	025-0082	APG	0.00862	0.03940	0.00134		1.19405		0.01029	0.04705	0.00160
24025	025-0082	APG	0.00206	0.06215			1.19405		0.00245	0.07421	0.00000
24025	025-0082	APG	0.04191	0.15608	0.00418		1.19405		0.05004	0.18637	0.00499
24025	025-0082	APG	0.05541	0.20860	0.00245		1.19405		0.06616	0.24908	0.00293
24025	025-0082	APG	0.00681	0.01944	0.00054		1.19405		0.00813	0.02321	0.00064
24025	025-0082	APG	0.01433	0.12082	0.01460		1.19405		0.01711	0.14426	0.01743
24025	025-0082	APG		0.02382			1.19405		0.00000	0.02844	0.00000
24025	025-0082	APG	0.00494	0.10817			1.19405		0.00590	0.12915	0.00000
24025	025-0082	APG	0.00530	0.03442			1.19405		0.00632	0.04109	0.00000
24025	025-0082	APG	0.00075	0.00561			1.19405		0.00089	0.00670	0.00000
24025	025-0082	APG	0.00415	0.08245			1.19405		0.00495	0.09845	0.00000
24025	025-0082	APG	0.00476	0.01684	0.00046		1.19405		0.00568	0.02010	0.00055
24025	025-0082	APG		0.02852			1.19405		0.00000	0.03405	0.00000
24025 Total		APG	1.63373	2.45055	0.45086		1.19405		1.95076	2.92608	0.53835
24510	510-3396	MPA			0.00112		1.19405		0.00000	0.00000	0.00134
24510	510-3396	MPA	0.00027	0.00003	0.00001		1.19405		0.00033	0.00003	0.00001
24510	510-3396	MPA	0.00082	0.00005	0.00003		1.19405		0.00098	0.00007	0.00003
24510	510-3396	MPA	0.00011	0.00082	0.00003		1.19405		0.00013	0.00098	0.00003
24510	510-3396	MPA	0.01452	0.00055	0.00329		1.19405		0.01734	0.00065	0.00393
24510	510-3396	MPA	0.00008	0.00027	0.00001		1.19405		0.00010	0.00033	0.00001
24510	510-3396	MPA	0.05644	0.10603	0.00822		1.19405		0.06739	0.12660	0.00981
24510	510-3396	MPA	0.09726	0.01808	0.00411		1.19405		0.11613	0.02159	0.00491
24510	510-3396	MPA	0.00005	0.00001	0.00000		1.19405		0.00007	0.00002	0.00000
24510	510-3396	MPA	0.00003	0.00001	0.00000		1.19405		0.00003	0.00001	0.00000
24510	510-3396	MPA	0.01205	0.03019	0.00301		1.19405		0.01439	0.03605	0.00360
24510	510-3396	MPA	0.03205	0.16329	0.00630		1.19405		0.03828	0.19497	0.00752
24510	510-3396	MPA	0.00000	0.00001	0.00000		1.19405		0.00000	0.00001	0.00000
24510	510-3396	MPA	0.00082	0.00904	0.00110		1.19405		0.00098	0.01080	0.00131
24510	510-3396	MPA	0.00712	0.01589	0.00167		1.19405		0.00851	0.01897	0.00200
24510	510-3396	MPA	0.00329	0.00132	0.00030		1.19405		0.00393	0.00157	0.00036
24510	510-3396	MPA	0.00001	0.00001	0.00000		1.19405		0.00001	0.00001	0.00000
24510	510-3396	MPA	0.03945	0.09808	0.00825		1.19405		0.04711	0.11712	0.00985
24510	510-3396	MPA	0.00008	0.00027	0.00003		1.19405		0.00010	0.00033	0.00003
24510	510-3396	MPA	0.01096	0.04521	0.00384		1.19405		0.01309	0.05398	0.00458
24510	510-3396	MPA	0.00164	0.00110	0.00027		1.19405		0.00196	0.00131	0.00033
24510	510-3396	MPA	0.04836	0.14959	0.01427		1.19405		0.05774	0.17862	0.01704
24510	510-3396	MPA	0.00014	0.00027	0.00003		1.19405		0.00016	0.00033	0.00003
24510	510-3396	MPA	0.00712	0.01589	0.00167		1.19405		0.00851	0.01897	0.00200
24510	510-3396	MPA	0.02877	0.15890	0.00822		1.19405		0.03435	0.18974	0.00981
24510 Total		MPA	0.36146	0.81491	0.06578		1.19405		0.43161	0.97305	0.07854

Grand Total			6.54913	7.27401	1.30967				7.08848	8.04163	1.43642

Quasi-Point GF

Baltimore-Washington International Airport																														
Airport	**Data Type**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**	**2041**	**2042**	**2043**	**2044**	**2045**	**Data Source**
BWI	Operations	11461	9631	11605	11915	11962	11932	11844	11922	12062	12206	12354	12508	12665	12826	12992	13162	13333	13505	13679	13857	14034	14212	14391	14573	14757	14943	15132	15324	15521	https://www.faa.gov/data_research/aviation/taf/
BWI	GF	1.0000	0.8403	1.0126	1.0396	1.0437	1.0411	1.0334	1.0402	1.0524	1.0650	1.0779	1.0914	1.1051	1.1191	1.1336	1.1484	1.1633	1.1783	1.1935	1.2091	1.2245	1.2400	1.2556	1.2715	1.2876	1.3038	1.3203	1.3371	1.3542	https://www.faa.gov/data_research/aviation/taf/media/taf_2019.zip

Aberdeen Proving Ground														
Military Post	**Data Type**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**
Port of Baltimore	GF	1	1.03	1.0609	1.092727	1.125509	1.159274	1.194052	1.229874	1.26677	1.304773	1.343916	1.384234	1.425761	1.468534

Port Strategic Plan 2019	Strategic Goal

Port of Baltimore															
Port	**Data Type**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**
Port of Baltimore	GF	1	1.03	1.0609	1.092727	1.125509	1.159274	1.194052	1.229874	1.26677	1.304773	1.343916	1.384234	1.425761	1.468534

Port Strategic Plan 2019	Strategic Goal
https://mpa.maryland.gov/Documents/Strategic__Plan2019.pdf	Containers: Grow container volume at an average annual rate greater than 3% per year

BWI GF Documentation
2017 Total Operations (page 17) https://marylandaviation.com/wp-content/uploads/2020/06/Report-to-Maryland-General-Assembly-2019.pdf
2020 Forecasted Total Operations (page 10) https://marylandaviation.com/wp-content/uploads/2020/11/111220_Appendix%20B%20-%20Draft%20ALP%20Narrative.pdf
2025 Forecasted Total Operations (page 10) https://marylandaviation.com/wp-content/uploads/2020/11/111220_Appendix%20B%20-%20Draft%20ALP%20Narrative.pdf

Port of Baltimore GF Documentation (page 5) https://mpa.maryland.gov/Documents/Strategic__Plan2019.pdf

APG GF Documentation BRAC Report

MOVES3-NR

2017 MOVES-NR Data														
yearID	monthID	County Name	countyID	O3 NAA	Data Category	Tier 2 Description	scc	SCC Level Two	SCC Level Three	Tier 3 Description	SCC Level Four	VOC	NOX	CO
		Anne Arundel Total										5.921073	3.281830	81.067335
		Baltimore Total										6.486301	4.689428	102.479906
		Baltimore City Total										2.188644	1.108956	38.333498
		Carroll Total										1.575592	0.966487	25.904336
		Harford Total										2.717361	1.602205	30.557946
		Howard Total										2.693413	1.476815	52.657504
		Grand Total										21.582384	13.125722	331.000525

QA/QC RET 2/2/22
USE EXCEL FILE
NrFinal July2023&2017 tpd5272021

2023 MOVES-NR Data														
yearID	monthID	County Name	countyID	O3 NAA	Data Category	Tier 2 Description	scc	SCC Level Two	SCC Level Three	Tier 3 Description	SCC Level Four	VOC	NOX	CO
		Anne Arundel Total										4.931067	2.551024	82.773568
		Baltimore Total										5.677390	3.396405	105.277138
		Baltimore City Total										1.922059	0.996630	39.606195
		Carroll Total										1.471488	0.693975	26.708134
		Harford Total										2.104052	1.207004	30.845566
		Howard Total										2.662513	1.144038	54.789358
		Grand Total										18.768569	9.989076	339.999958

Benefits

Emission Reductions/Benefits of Control Programs

	2023 Emission Reductions	
Control Measure	**VOC**	**NOx**
I/M		
Tier I		
Reform Gas		
LEV		
HDDE		
Total Mobile	4.54	15.89
OTC - Consumer Products Phase 3 & 4	14.20	0.00
Nonroad Model	2.81	3.14
Total	**21.55**	**19.03**