

**Baltimore Area VMT and Emission Summary By Functional Class**

County	Functional Class	VMT (million)	Speed (mph)	HC (tons/year)	CO (tons/year)	NOX (tons/year)	SO2 (tons/year)	NH3 (tons/year)	PM2.5 (tons/year)	PM10 (tons/year)
<b>Baltimore Region (2005 BMC Vehmix)</b>										
2) Anne Arundel	1) Interstate	346.38	64.6	148.27	3,401.45	672.10	4.49	34.72	10.41	16.61
	2) Principal Ar	92.29	50.7	40.08	849.45	128.11	1.14	9.41	2.53	4.14
	6) Minor Arteri	212.81	39.7	97.49	1,853.41	241.11	2.53	22.01	5.39	9.02
	7) Major Collec	69.50	39.0	32.17	604.49	75.22	0.81	7.23	1.70	2.88
	8) Minor Collec	34.73	39.7	15.99	303.12	38.25	0.40	3.61	0.85	1.43
	9) Local	103.10	30.1	75.96	876.16	89.11	1.06	11.04	1.90	3.53
	11) Interstate	982.60	59.4	422.66	9,689.24	1,805.95	12.58	99.02	28.91	46.38
	12) Expressway	1,639.60	55.5	707.00	15,998.22	2,922.14	21.00	165.23	48.25	77.39
	14) Principal Ar	1,035.87	18.1	600.26	9,257.16	1,165.10	11.93	108.47	24.89	42.22
	16) Minor Arteri	866.50	20.7	475.46	7,608.11	890.05	9.71	91.47	19.51	33.80
	17) Collector	492.96	18.7	281.02	4,320.80	497.18	5.46	52.09	10.76	18.86
	19) Local	388.70	19.1	281.75	3,284.89	343.24	4.04	41.67	7.44	13.62
		<b>Area Total</b>	<b>6,265.04</b>	<b>29.8</b>	<b>3,178.11</b>	<b>58,046.51</b>	<b>8,867.58</b>	<b>75.15</b>	<b>645.96</b>	<b>162.55</b>
3) Baltimore	1) Interstate	457.94	65.5	195.985528	4,502.41	891.6445385	5.93	45.90	13.77	21.96
	2) Principal Ar	83.44	37.6	38.500779	723.2032104	104.4939912	1.03	8.50	2.28	3.74
	6) Minor Arteri	113.70	38.9	52.37465467	988.453911	128.6715908	1.35	11.76	2.87	4.81
	7) Major Collec	212.78	38.3	99.04594627	1,847.51	229.2027399	2.48	22.14	5.19	8.77
	8) Minor Collec	37.55	39.5	17.28710039	326.5548017	41.02533461	0.44	3.91	0.92	1.55
	9) Local	124.13	28.9	92.06865892	1,058.19	106.5809716	1.27	13.29	2.27	4.24
	11) Interstate	3,647.61	51.5	1,595.97	35,287.48	6,372.43	46.72	367.59	107.30	172.21
	12) Expressway	501.72	55.7	218.5992737	5,076.16	700.6736966	5.80	52.39	11.83	20.25
	14) Principal Ar	1,245.43	23.6	654.4647006	10,735.63	1,323.82	14.35	130.42	29.87	50.70
	16) Minor Arteri	1,198.55	24.1	626.5843667	10,265.01	1,190.34	13.43	126.51	26.96	46.70
	17) Collector	447.45	21.5	244.2244819	3,845.65	439.9173069	4.95	47.27	9.78	17.12
	19) Local	545.54	18.3	396.3940882	4,616.18	478.4525684	5.65	58.47	10.35	19.02
		<b>Area Total</b>	<b>8,615.87</b>	<b>33.7</b>	<b>4,231.50</b>	<b>79,272.42</b>	<b>12,007.26</b>	<b>103.39</b>	<b>888.15</b>	<b>223.38</b>
6) Carroll	2) Principal Ar	54.65	48.2	24.17	497.23	75.18	0.68	5.57	1.50	2.45
	6) Minor Arteri	295.81	45.4	131.94	2,691.95	362.52	3.52	30.60	7.50	12.54
	7) Major Collec	151.12	39.2	70.02	1,323.06	165.69	1.76	15.72	3.69	6.23
	8) Minor Collec	69.66	39.8	32.04	607.27	76.71	0.81	7.25	1.71	2.89
	9) Local	71.79	30.6	52.64	608.70	62.24	0.74	7.69	1.32	2.46
	11) Interstate	39.65	67.0	16.95	396.73	75.63	0.51	4.00	1.17	1.87
	14) Principal Ar	539.05	23.2	286.86	4,759.03	591.67	6.21	56.45	12.93	21.94
	16) Minor Arteri	76.09	26.2	38.83	647.69	74.97	0.85	8.03	1.71	2.96
	17) Collector	65.38	25.9	33.78	552.49	62.13	0.72	6.91	1.41	2.48
	19) Local	55.72	19.8	40.57	471.95	48.83	0.58	5.97	1.05	1.94
	<b>Area Total</b>	<b>1,418.93</b>	<b>29.7</b>	<b>727.80</b>	<b>12,556.10</b>	<b>1,595.57</b>	<b>16.37</b>	<b>148.18</b>	<b>33.99</b>	<b>57.78</b>

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<b>Baltimore Region (2005 BMC Vehmix)</b>										
12) Harford	1) Interstate	459.88	65.4	196.80	4,520.53	894.90	5.96	46.09	13.82	22.05
	2) Principal Ar	88.98	43.3	39.84	781.85	112.87	1.10	9.07	2.43	3.98
	6) Minor Arteri	197.25	42.8	89.11	1,761.10	231.09	2.34	20.40	4.98	8.35
	7) Major Collec	145.79	38.8	67.64	1,280.58	159.85	1.70	15.17	3.56	6.03
	8) Minor Collec	77.19	39.2	35.65	672.14	83.80	0.90	8.03	1.89	3.20
	9) Local	127.54	30.5	92.84	1,077.01	114.11	1.32	13.67	2.44	4.47
	11) Interstate	263.71	65.3	112.79	2,633.99	500.71	3.38	26.58	7.76	12.45
	12) Expressway	152.23	51.6	67.04	1,500.12	200.22	1.76	15.89	3.59	6.15
	14) Principal Ar	478.12	27.2	241.51	4,260.10	526.87	5.51	50.07	11.48	19.47
	16) Minor Arteri	263.70	24.3	137.45	2,279.03	263.48	2.96	27.84	5.93	10.28
17) Collector	130.80	23.3	69.75	1,119.28	127.10	1.45	13.82	2.85	4.99	
19) Local	99.69	21.9	72.51	844.06	87.32	1.03	10.69	1.88	3.46	
	<b>Area Total</b>	<b>2,484.89</b>	<b>35.9</b>	<b>1,222.94</b>	<b>22,729.78</b>	<b>3,302.31</b>	<b>29.40</b>	<b>257.31</b>	<b>62.63</b>	<b>104.88</b>
13) Howard	1) Interstate	298.03	66.4	127.51	2,932.78	581.80	3.86	29.87	8.96	14.29
	2) Principal Ar	114.63	33.3	54.78	999.07	146.68	1.42	11.68	3.14	5.14
	6) Minor Arteri	111.19	39.6	51.01	984.98	130.87	1.32	11.50	2.82	4.72
	7) Major Collec	97.44	39.9	44.92	853.78	106.08	1.13	10.14	2.38	4.02
	8) Minor Collec	32.10	40.3	14.75	281.55	35.47	0.37	3.34	0.78	1.33
	9) Local	88.20	29.7	63.91	743.06	80.42	0.92	9.45	1.71	3.12
	11) Interstate	1,241.42	55.8	537.58	12,021.11	2,175.13	15.90	125.10	36.53	58.60
	12) Expressway	1,085.50	56.8	471.45	11,071.02	1,544.55	12.55	113.35	25.59	43.80
	14) Principal Ar	245.30	22.7	131.12	2,155.64	266.44	2.83	25.69	5.88	9.99
	16) Minor Arteri	469.98	18.7	267.59	4,159.72	490.97	5.27	49.61	10.60	18.35
17) Collector	265.96	16.8	157.64	2,370.43	275.53	2.95	28.10	5.83	10.20	
19) Local	256.75	15.6	186.46	2,172.16	225.50	2.66	27.52	4.88	8.96	
	<b>Area Total</b>	<b>4,306.49</b>	<b>34.0</b>	<b>2,108.73</b>	<b>40,745.30</b>	<b>6,059.45</b>	<b>51.18</b>	<b>445.36</b>	<b>109.11</b>	<b>182.51</b>
24) Baltimore City	7) Major Collec	1.06	39.9	0.52	9.32	1.19	0.01	0.11	0.02	0.04
	8) Minor Collec	1.06	39.8	0.49	9.31	1.18	0.01	0.11	0.02	0.04
	9) Local	0.69	29.9	0.50	5.85	0.63	0.01	0.07	0.01	0.02
	11) Interstate	1,123.13	50.9	489.80	10,632.75	1,839.01	14.38	113.18	33.05	53.01
	12) Expressway	140.79	61.3	60.97	1,451.91	206.55	1.63	14.70	3.32	5.68
	14) Principal Ar	1,271.36	23.5	667.58	10,821.14	1,334.74	14.64	133.13	30.49	51.76
	16) Minor Arteri	788.69	21.0	429.96	6,791.90	795.78	8.84	83.25	17.77	30.77
	17) Collector	246.65	18.6	141.39	2,158.77	248.38	2.73	26.06	5.37	9.41
	19) Local	276.25	14.2	200.50	2,336.49	242.79	2.86	29.61	5.25	9.65
		<b>Area Total</b>	<b>3,849.68</b>	<b>25.9</b>	<b>1,991.72</b>	<b>34,217.44</b>	<b>4,670.25</b>	<b>45.11</b>	<b>400.23</b>	<b>95.31</b>
	<b>Region Total</b>	<b>26,940.89</b>	<b>31.4</b>	<b>13,460.79</b>	<b>247,567.54</b>	<b>36,502.41</b>	<b>320.61</b>	<b>2,785.19</b>	<b>686.97</b>	<b>1,146.51</b>