

Area Source Emissions

State County FIPs	NAA	SCC	Emission Process Description	Source Category	Pollutant Code	Emission Numeric Value	gf 2008	gf 2009	2008 EM	2009 EM	Growth Factor Data Source
24015	Philly	2102004000	Industrial distillate oil combustion.	Area	CO	0.0024	1.2247337	1.2636049	0.0029394	0.0030327	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2102005000	Industrial residual oil combustion.	Area	CO	0.0016	1.2247337	1.2636049	0.0019596	0.0020218	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103002000	Commercial/institutional coal combustion.	Area	CO	0.004311	1	1	0.004311	0.004311	No Growth Predicted
24015	Philly	2103004000	Commercial/institutional distillate oil combustion.	Area	CO	0.0092	1.2247337	1.2636049	0.0112676	0.0116252	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103005000	Commercial/institutional residual oil combustion.	Area	CO	0.0003	1.2247337	1.2636049	0.0003674	0.0003791	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103006000	Commercial/institutional natural gas combustion.	Area	CO	0.0007164	1.2247337	1.2636049	0.0008774	0.0009052	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103007000	Commercial/institutional LPG combustion.	Area	CO	0.0013271	1.2247337	1.2636049	0.0016253	0.0016769	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103011000	Commercial/institutional kerosene combustion.	Area	CO	0.0007	1.2247337	1.2636049	0.0008573	0.0008845	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2104002000	Residential coal combustion.	Area	CO	0.0036329	1	1	0.0036329	0.0036329	No Growth Predicted
24015	Philly	2104004000	Residential distillate oil combustion.	Area	CO	0.0127	1.1180813	1.1358527	0.0141996	0.0144253	BMC Round 6A Cooperative Forecast
24015	Philly	2104006000	Residential natural gas combustion.	Area	CO	0.0010975	1.1180813	1.1358527	0.0012271	0.0012466	BMC Round 6A Cooperative Forecast
24015	Philly	2104007000	Residential LPG combustion.	Area	CO	0.0058921	1.1180813	1.1358527	0.0065878	0.0066925	BMC Round 6A Cooperative Forecast
24015	Philly	2104008000	Residential wood combustion.	Area	CO	0.2043577	1.0956993	1.1079869	0.2239146	0.2264257	BMC Round 6A Cooperative Forecast
24015	Philly	2104008070	Residential wood combustion, outdoor fireplaces	Area	CO	0.24007	1.0956993	1.1079869	0.2630446	0.2659944	BMC Round 6A Cooperative Forecast
24015	Philly	2104011000	Residential kerosene combustion.	Area	CO	0.0009	1.1180813	1.1358527	0.0010063	0.0010223	BMC Round 6A Cooperative Forecast
24015	Philly	2601000000	Incineration.	Area	CO	0.0012781	1	1	0.0012781	0.0012781	No Growth Predicted
24015	Philly	2610000100	Open Burning - Yard Leaf Waste	Area	CO	0.0758792	1.0956993	1.1079869	0.0831408	0.0840731	BMC Round 6A Cooperative Forecast
24015	Philly	2610000400	Open Burning - Yard Brush Waste	Area	CO	0.0416434	1.0956993	1.1079869	0.0456286	0.0461403	BMC Round 6A Cooperative Forecast
24015	Philly	2610000500	Open Burning - Land Clearing Debris	Area	CO	0	1.0956993	1.1079869	0	0	BMC Round 6A Cooperative Forecast
24015	Philly	2610030000	Open Burning – Residential Household Waste	Area	CO	0.0004842	1.0956993	1.1079869	0.0005305	0.0005364	BMC Round 6A Cooperative Forecast
24015	Philly	2810001000	Forest Fires.	Area	CO	0.3084219	1	1	0.3084219	0.3084219	No Growth Predicted
24015	Philly	2810005000	Slash Burning.	Area	CO	0	1	1	0	0	No Growth Predicted
24015	Philly	2810015000	Prescribed Burning.	Area	CO	0.0057699	1	1	0.0057699	0.0057699	No Growth Predicted
24015	Philly	2810030000	Structural Fires.	Area	CO	0.0104918	1.0956993	1.1079869	0.0114958	0.0116248	BMC Round 6A Cooperative Forecast
24015	Philly	2810050000	Motor Vehicle Fires	Area	CO	0.0036	1.0956993	1.1079869	0.0039445	0.0039888	BMC Round 6A Cooperative Forecast
2002	Cecil County TOTAL			Area	CO	0.9367731			0.9980279	1.0061094	

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24015	Philly	2102004000	Industrial distillate oil combustion.	Area	NOX	0.0096	1.2247337	1.2636049	0.0117574	0.0121306	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2102005000	Industrial residual oil combustion.	Area	NOX	0.0176	1.2247337	1.2636049	0.0215553	0.0222394	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103002000	Commercial/institutional coal combustion.	Area	NOX	0.004311	1	1	0.004311	0.004311	No Growth Predicted
24015	Philly	2103004000	Commercial/institutional distillate oil combustion.	Area	NOX	0.0368	1.2247337	1.2636049	0.0450702	0.0465007	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103005000	Commercial/institutional residual oil combustion.	Area	NOX	0.0028	1.2247337	1.2636049	0.0034293	0.0035381	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103006000	Commercial/institutional natural gas combustion.	Area	NOX	0.0008016	1.2247337	1.2636049	0.0009818	0.001013	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103007000	Commercial/institutional LPG combustion.	Area	NOX	0.0097786	1.2247337	1.2636049	0.0119762	0.0123563	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103011000	Commercial/institutional kerosene combustion.	Area	NOX	0.0026	1.2247337	1.2636049	0.0031843	0.0032854	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2104002000	Residential coal combustion.	Area	NOX	0.0001202	1	1	0.0001202	0.0001202	No Growth Predicted
24015	Philly	2104004000	Residential distillate oil combustion.	Area	NOX	0.0457	1.1180813	1.1358527	0.0510963	0.0519085	BMC Round 6A Cooperative Forecast
24015	Philly	2104006000	Residential natural gas combustion.	Area	NOX	0.0025791	1.1180813	1.1358527	0.0028836	0.0029295	BMC Round 6A Cooperative Forecast
24015	Philly	2104007000	Residential LPG combustion.	Area	NOX	0.0434152	1.1180813	1.1358527	0.0485417	0.0493132	BMC Round 6A Cooperative Forecast
24015	Philly	2104008000	Residential wood combustion.	Area	NOX	0.0024999	1.0956993	1.1079869	0.0027391	0.0027698	BMC Round 6A Cooperative Forecast
24015	Philly	2104008070	Residential wood combustion, outdoor fireplaces.	Area	NOX	0.002471	1.0956993	1.1079869	0.0027075	0.0027379	BMC Round 6A Cooperative Forecast
24015	Philly	2104011000	Residential kerosene combustion.	Area	NOX	0.0032	1.1180813	1.1358527	0.0035779	0.0036347	BMC Round 6A Cooperative Forecast
24015	Philly	2601000000	Incineration.	Area	NOX	0.0006863	1	1	0.0006863	0.0006863	No Growth Predicted
24015	Philly	2610000100	Open Burning - Yard Leaf Waste	Area	NOX	0.0042005	1.0956993	1.1079869	0.0046024	0.004654	BMC Round 6A Cooperative Forecast
24015	Philly	2610000400	Open Burning - Yard Brush Waste	Area	NOX	0.0014873	1.0956993	1.1079869	0.0016296	0.0016479	BMC Round 6A Cooperative Forecast
24015	Philly	2610000500	Open Burning - Land Clearing Debris	Area	NOX	0	1.0956993	1.1079869	0	0	BMC Round 6A Cooperative Forecast
24015	Philly	2610030000	Open Burning - Residential Household Waste	Area	NOX	3.414E-05	1.0956993	1.1079869	3.741E-05	3.783E-05	BMC Round 6A Cooperative Forecast
24015	Philly	2810001000	Forest Fires.	Area	NOX	0.0088121	1	1	0.0088121	0.0088121	No Growth Predicted
24015	Philly	2810005000	Slash Burning.	Area	NOx	0	1	1	0	0	No Growth Predicted
24015	Philly	2810015000	Prescribed Burning.	Area	NOx	0	1	1	0	0	No Growth Predicted
24015	Philly	2810030000	Structural Fires.	Area	NOX	0.0002448	1.0956993	1.1079869	0.0002682	0.0002712	BMC Round 6A Cooperative Forecast
24015	Philly	2810050000	Motor Vehicle Fires	Area	NOX	0.0001	1.0956993	1.1079869	0.0001096	0.0001108	BMC Round 6A Cooperative Forecast
2002	Cecil County TOTAL			Area	NOX	0.1998416			0.2300774	0.2350084	

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24015	Philly	2102004000	Industrial distillate oil combustion.	Area	VOC	0.0001	1.2247337	1.2636049	0.0001225	0.0001264	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2102005000	Industrial residual oil combustion.	Area	VOC	0.0001	1.2247337	1.2636049	0.0001225	0.0001264	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103002000	Commercial/institutional coal combustion.	Area	VOC	0.000342	1	1	0.000342	0.000342	No Growth Predicted
24015	Philly	2103004000	Commercial/institutional distillate oil combustion.	Area	VOC	0.0006	1.2247337	1.2636049	0.0007348	0.0007582	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103005000	Commercial/institutional residual oil combustion.	Area	VOC	0.0001	1.2247337	1.2636049	0.0001225	0.0001264	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103006000	Commercial/institutional natural gas combustion.	Area	VOC	4.69E-05	1.2247337	1.2636049	5.745E-05	5.927E-05	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103007000	Commercial/institutional LPG combustion.	Area	VOC	0.0003492	1.2247337	1.2636049	0.0004277	0.0004413	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2103011000	Commercial/institutional kerosene combustion.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2104002000	Residential coal combustion.	Area	VOC	0.0001321	1	1	0.0001321	0.0001321	No Growth Predicted
24015	Philly	2104004000	Residential distillate oil combustion.	Area	VOC	0.0018	1.1180813	1.1358527	0.0020125	0.0020445	BMC Round 6A Cooperative Forecast
24015	Philly	2104006000	Residential natural gas combustion.	Area	VOC	0.0001509	1.1180813	1.1358527	0.0001687	0.0001714	BMC Round 6A Cooperative Forecast
24015	Philly	2104007000	Residential LPG combustion.	Area	VOC	0.0015505	1.1180813	1.1358527	0.0017336	0.0017612	BMC Round 6A Cooperative Forecast
24015	Philly	2104008000	Residential wood combustion.	Area	VOC	0.1199371	1.0956993	1.1079869	0.131415	0.1328888	BMC Round 6A Cooperative Forecast
24015	Philly	2104008070	Residential wood combustion, outdoor fireplaces.	Area	VOC	0.2176407	1.0956993	1.1079869	0.2384687	0.241143	BMC Round 6A Cooperative Forecast
24015	Philly	2104011000	Residential kerosene combustion.	Area	VOC	0.0001	1.1180813	1.1358527	0.0001118	0.0001136	BMC Round 6A Cooperative Forecast
24015	Philly	2275900000	Aircraft refueling.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2302050000	Small bakeries.	Area	VOC	0.0051	1.0956993	1.1079869	0.0055881	0.0056507	BMC Round 6A Cooperative Forecast
24015	Philly	2302070001	Small breweries	Area	VOC	0	1.0956993	1.1079869	0	0	BMC Round 6A Cooperative Forecast
24015	Philly	2302070005	Small Wineries	Area	VOC	0	1.0956993	1.1079869	0	0	BMC Round 6A Cooperative Forecast
24015	Philly	2401002000	Solvent-based architectural surface coatings.	Area	VOC	0.2205619	1.0956993	1.1079869	0.2416695	0.2443797	BMC Round 6A Cooperative Forecast
24015	Philly	2401003000	Water-based architectural surface coatings.	Area	VOC	0.1946946	1.0956993	1.1079869	0.2133267	0.215719	BMC Round 6A Cooperative Forecast
24015	Philly	2401005000	Automobile refinishing.	Area	VOC	0.072344	1.2247337	1.2636049	0.0886021	0.0914142	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401008000	Traffic paints.	Area	VOC	0.0237859	1.0956993	1.1079869	0.0260622	0.0263544	BMC Round 6A Cooperative Forecast
24015	Philly	2401008999	Traffic paint solvents.	Area	VOC	0.4539477	1.0956993	1.1079869	0.4973902	0.5029681	BMC Round 6A Cooperative Forecast
24015	Philly	2401015000	Surface coatings of finished wood products.	Area	VOC	0.0115885	1.2247337	1.2636049	0.0141928	0.0146432	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401025000	Surface coatings of metal furniture & fixtures.	Area	VOC	0.0363077	1.2247337	1.2636049	0.0444673	0.0458786	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401040000	Surface coatings of metal cans.	Area	VOC	0.2258375	1.2247337	1.2636049	0.2765908	0.2853694	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401050000	Surface coatings of misc. metals.	Area	VOC	0.0868606	1.2247337	1.2636049	0.1063811	0.1097575	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401055000	Surface coatings of machinery & equipment.	Area	VOC	0.0658942	1.2247337	1.2636049	0.0807029	0.0832643	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401080000	Surface coatings of marine.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401090000	Surface coatings - misc. manufacturing.	Area	VOC	0.1042327	1.2247337	1.2636049	0.1276573	0.1317089	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401100000	Surface coatings for Industrial maintenance.	Area	VOC	0.1111815	1.2247337	1.2636049	0.1361678	0.1404895	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401200000	Surface coatings - other categories.	Area	VOC	0.1111815	1.2247337	1.2636049	0.1361678	0.1404895	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2401990000	Surface coatings of all categories.	Area	VOC	0.0056538	1.2247337	1.2636049	0.0069245	0.0071442	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2415300000	Cold cleaning solvents.	Area	VOC	0.2888404	1.2247337	1.2636049	0.3537525	0.3649801	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2420000370	Stoddard Solventy Dry Cleaners	Area	VOC	0	1.0956993	1.1079869	0	0	BMC Round 6A Cooperative Forecast

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24015	Philly	2425000000	Graphic arts.	Area	VOC	0.0979051	1.0956993	1.1079869	0.1072745	0.1084775	BMC Round 6A Cooperative Forecast
24015	Philly	2440020000	Industrial adhesives	Area	VOC	0.1242723	1.2247337	1.2636049	0.1522005	0.1570311	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2461022000	Emulsified asphalt.	Area	VOC	0.0006949	1.0956993	1.1079869	0.0007614	0.0007699	BMC Round 6A Cooperative Forecast
24015	Philly	2461800000	Pesticide application.	Area	VOC	0.3719907	1	1	0.3719907	0.3719907	No Growth Predicted
24015	Philly	2465000000	Commercial & Consumer Solvents.	Area	VOC	0.8736508	1.0956993	1.1079869	0.9572586	0.9679937	BMC Round 6A Cooperative Forecast
24015	Philly	2501011011	Portable Fuel Containers: Residential – Permeation	Area	VOC	0.02	1.0956993	1.1079869	0.021914	0.0221597	BMC Round 6A Cooperative Forecast
24015	Philly	2501011012	Portable Fuel Containers: Residential – Diurnal	Area	VOC	0.175	1.0956993	1.1079869	0.1917474	0.1938977	BMC Round 6A Cooperative Forecast
24015	Philly	2501011016	Portable Fuel Containers: Residential – Transport	Area	VOC	0.01	1.0956993	1.1079869	0.010957	0.0110799	BMC Round 6A Cooperative Forecast
24015	Philly	2501012011	Portable Fuel Containers: Commercial – Permeation	Area	VOC	0.002	1.0956993	1.1079869	0.0021914	0.002216	BMC Round 6A Cooperative Forecast
24015	Philly	2501012012	Portable Fuel Containers: Commercial – Diurnal	Area	VOC	0.031	1.0956993	1.1079869	0.0339667	0.0343476	BMC Round 6A Cooperative Forecast
24015	Philly	2501012016	Portable Fuel Containers: Commercial – Transport	Area	VOC	0.464	1.0956993	1.1079869	0.5084045	0.5141059	BMC Round 6A Cooperative Forecast
24015	Philly	2501060053	Tank Truck Unloading.	Area	VOC	0.0512441	1.1189001	1.1430669	0.057337	0.0585754	Data from MDE Mobile Sources 2002 VMT Actual - 2005_2010_2015 VMT Projected
24015	Philly	2501060100	Stage II Refueling.	Area	VOC	0.19	1.1189001	1.1430669	0.212591	0.2171827	Data from MDE Mobile Sources 2002 VMT Actual - 2005_2010_2015 VMT Projected
24015	Philly	2501060201	Underground Tank Breathing.	Area	VOC	0.0631553	1.1189001	1.1430669	0.0706645	0.0721908	Data from MDE Mobile Sources 2002 VMT Actual - 2005_2010_2015 VMT Projected
24015	Philly	2505020030	Crude Oil marine vessel unloading.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2505020060	Residual oil marine vessel unloading.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2505020090	Distillate oil marine vessel unloading.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2505020120	Gasoline marine vessel unloading.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2505020150	Jet naphtha marine vessel unloading.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2505020180	Kerosene marine vessel unloading.	Area	VOC	0	1.2247337	1.2636049	0	0	MD Department of Planning, Planning Data Services, July 2004.
24015	Philly	2505030120	Tank trucks in transit.	Area	VOC	0.0055413	1.1189001	1.1430669	0.0062001	0.006334	Data from MDE Mobile Sources 2002 VMT Actual - 2005_2010_2015 VMT Projected
24015	Philly	2601000000	Incineration.	Area	VOC	0.0001644	1	1	0.0001644	0.0001644	No Growth Predicted
24015	Philly	2610000100	Open Burning - Yard Leaf Waste	Area	VOC	0.0189698	1.0956993	1.1079869	0.0207852	0.0210183	BMC Round 6A Cooperative Forecast
24015	Philly	2610000400	Open Burning - Yard Brush Waste	Area	VOC	0.0056516	1.0956993	1.1079869	0.0061925	0.0062619	BMC Round 6A Cooperative Forecast
24015	Philly	2610000500	Open Burning - Land Clearing Debris	Area	VOC	0	1.0956993	1.1079869	0	0	BMC Round 6A Cooperative Forecast
24015	Philly	2610030000	Open Burning - Residential Household Waste	Area	VOC	2.394E-05	1.0956993	1.1079869	2.624E-05	2.653E-05	BMC Round 6A Cooperative Forecast
24015	Philly	2620030000	Solid Waste Landfills.	Area	VOC	0.0064658	1.0956993	1.1079869	0.0070845	0.007164	BMC Round 6A Cooperative Forecast
24015	Philly	2630020000	POTWs.	Area	VOC	0.0150459	1.1180813	1.1358527	0.0168225	0.0170899	BMC Round 6A Cooperative Forecast
24015	Philly	2660000000	Soil/Groundwater remediation.	Area	VOC	0.0235	1	1	0.0235	0.0235	No Growth Predicted
24015	Philly	2810001000	Forest Fires.	Area	VOC	0.0132181	1	1	0.0132181	0.0132181	No Growth Predicted
24015	Philly	2810005000	Slash Burning.	Area	VOC	0	1	1	0	0	No Growth Predicted
24015	Philly	2810015000	Prescribed Burning.	Area	VOC	0.0008877	1	1	0.0008877	0.0008877	No Growth Predicted
24015	Philly	2810030000	Structural Fires.	Area	VOC	0.0019235	1.0956993	1.1079869	0.0021076	0.0021312	BMC Round 6A Cooperative Forecast
24015	Philly	2810050000	Motor Vehicle Fires	Area	VOC	0.0009	1.0956993	1.1079869	0.0009861	0.0009972	BMC Round 6A Cooperative Forecast
24015	Philly	2830000000	Catastrophic/Accidental Releases/Oil Spills.	Area	VOC	0.0004076	1	1	0.0004076	0.0004076	No Growth Predicted
2002	Cecil County	TOTAL		Area	VOC	4.9285747			5.5292571	5.6216655	