

## Appendix EE.13 – Air Quality

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Total Reduction in Annual VMT over  
No Action - Allocated to States

State*	Preferred Alternative
NJ	(752,674,548)
CT	(394,927,074)
PA	(371,987,620)
NY	(725,170,646)
NH	(44,209,685)
MA	(274,510,268)
RI	(71,251,163)
DE	(21,593,127)
MD	(182,758,941)
DC	(19,682,660)
VA	(159,143,486)
WV	(5,078,446)
Total	(3,022,987,663)

Difference in Annual VMT over Existing  
(2013) - Allocated to States

State*	Preferred Alternative
NJ	2,555,321,084
CT	1,340,772,691
PA	1,262,893,518
NY	2,461,945,665
NH	150,091,350
MA	931,959,074
RI	241,896,847
DE	73,308,407
MD	620,464,418
DC	66,822,397
VA	540,290,231
WV	17,241,263
Total	10,263,006,945

\*The state allocations include only the portion of states within the study area.

State	Pollutant ID	Pollutant Name	2013		2040	
			Emission Factor (grams/vehicle-mile)		Emission Factor (grams/vehicle-mile)	
			Fleet	Car	Fleet	Car
CONNECTICUT	1	Total Gaseous Hydrocarbons	0.137103177	0.110436424	0.039909861	0.029382239
CONNECTICUT	87	Volatile Organic Compounds	0.132084558	0.106622568	0.033266733	0.025797842
CONNECTICUT	110	PM25	0.044888017	0.020142749	0.015877463	0.013630887
CONNECTICUT	5	Methane (CH4)	0.008528452	0.006521692	0.007486559	0.004240168
CONNECTICUT	98	CO2 Equivalent	504.294949	413.0533463	414.1005791	312.6509842
CONNECTICUT	115	Primary PM2.5 - Sulfate Particulate	9.60502E-05	3.9117E-05	8.24415E-05	2.87372E-05
CONNECTICUT	31	Sulfur Dioxide (SO2)	0.006519338	0.005986584	0.005128388	0.004538134
CONNECTICUT	102	Primary PM10 - Elemental Carbon	0.022575685	0.00378239	0.001277734	0.001241022
CONNECTICUT	2	Carbon Monoxide (CO)	3.474229539	3.417338294	1.971773417	1.928830813
CONNECTICUT	90	Atmospheric CO2	502.9807298	411.7813077	413.5012654	312.1501357
CONNECTICUT	111	Primary PM2.5 - Organic Carbon	0.016334446	0.011057009	0.008117418	0.00726252
CONNECTICUT	6	Nitrous Oxide (N2O)	0.003667591	0.003667054	0.001429347	0.001331627
CONNECTICUT	100	PM10	0.065909626	0.037101369	0.035459516	0.029492655
CONNECTICUT	79	Non-Methane Hydrocarbons	0.128574739	0.103914758	0.032423298	0.025142069
CONNECTICUT	105	Primary PM10 - Sulfate Particulate	0.000100491	4.20587E-05	8.62525E-05	3.09597E-05
CONNECTICUT	3	Oxides of Nitrogen (NOx)	1.081462688	0.564286826	0.250923467	0.132327745
CONNECTICUT	112	Primary PM2.5 - Elemental Carbon	0.021829314	0.003594026	0.001183655	0.001143317
CONNECTICUT	30	Ammonia (NH3)	0.032070474	0.032444597	0.021428357	0.020863046
CONNECTICUT	101	Primary PM10 - Organic Carbon	0.01736	0.011956205	0.008733969	0.007880892
DELAWARE	6	Nitrous Oxide (N2O)	0.003752056	0.003731973	0.001455305	0.00135253
DELAWARE	100	PM10	0.062053829	0.03521512	0.03473792	0.02864433
DELAWARE	79	Non-Methane Hydrocarbons	0.123205861	0.098764095	0.032544214	0.024861507
DELAWARE	105	Primary PM10 - Sulfate Particulate	9.31944E-05	4.17039E-05	8.03344E-05	3.06815E-05
DELAWARE	3	Oxides of Nitrogen (NOx)	1.003962772	0.555044744	0.240512758	0.129483268
DELAWARE	112	Primary PM2.5 - Elemental Carbon	0.019438271	0.003254832	0.000967574	0.00091547
DELAWARE	30	Ammonia (NH3)	0.031606535	0.031916392	0.021096918	0.020522542
DELAWARE	101	Primary PM10 - Organic Carbon	0.014953454	0.009418416	0.007195551	0.006306823
DELAWARE	1	Total Gaseous Hydrocarbons	0.131352159	0.104895384	0.039928274	0.029022672
DELAWARE	87	Volatile Organic Compounds	0.126580901	0.10135478	0.033389902	0.025512308
DELAWARE	110	PM25	0.040539736	0.017730441	0.014507226	0.012204225
DELAWARE	5	Methane (CH4)	0.008146163	0.006131143	0.007384036	0.004161143
DELAWARE	98	CO2 Equivalent	491.4772539	411.0455438	402.3868106	311.0213621
DELAWARE	115	Primary PM2.5 - Sulfate Particulate	8.89608E-05	3.87923E-05	7.67073E-05	2.84825E-05
DELAWARE	31	Sulfur Dioxide (SO2)	0.00639046	0.005920317	0.005021185	0.004486202
DELAWARE	102	Primary PM10 - Elemental Carbon	0.020094378	0.003414788	0.001043554	0.000993586
DELAWARE	2	Carbon Monoxide (CO)	3.181260806	3.090688393	1.874549246	1.808361811
DELAWARE	90	Atmospheric CO2	490.1447731	409.7614662	401.7816117	310.5156917
DELAWARE	111	Primary PM2.5 - Organic Carbon	0.01411574	0.008721258	0.006696109	0.005813058
DISTRICT OF COLUMBIA	1	Total Gaseous Hydrocarbons	0.123923345	0.097121178	0.042629234	0.030902197
DISTRICT OF COLUMBIA	87	Volatile Organic Compounds	0.119493305	0.093940578	0.036129919	0.027288201
DISTRICT OF COLUMBIA	110	PM25	0.040651475	0.019886641	0.016318489	0.0138319
DISTRICT OF COLUMBIA	5	Methane (CH4)	0.007637584	0.005604985	0.007418545	0.004310138
DISTRICT OF COLUMBIA	98	CO2 Equivalent	507.8261759	438.9535294	411.0273899	332.4504631
DISTRICT OF COLUMBIA	115	Primary PM2.5 - Sulfate Particulate	8.33017E-05	4.09809E-05	7.10683E-05	3.01229E-05
DISTRICT OF COLUMBIA	31	Sulfur Dioxide (SO2)	0.006678268	0.006264225	0.00522363	0.004751981
DISTRICT OF COLUMBIA	102	Primary PM10 - Elemental Carbon	0.017971385	0.003504258	0.001075963	0.001023588
DISTRICT OF COLUMBIA	2	Carbon Monoxide (CO)	3.112002555	3.004205948	1.875328154	1.803043297

State	Pollutant ID	Pollutant Name	2013		2040	
			Emission Factor (grams/vehicle-mile)		Emission Factor (grams/vehicle-mile)	
			Fleet	Car	Fleet	Car
DISTRICT OF COLUMBIA	90	Atmospheric CO2	506.2622289	437.4444716	410.3325373	331.8545163
DISTRICT OF COLUMBIA	111	Primary PM2.5 - Organic Carbon	0.014497729	0.009215643	0.00677031	0.005935734
DISTRICT OF COLUMBIA	6	Nitrous Oxide (N2O)	0.004532727	0.004492812	0.001742297	0.00163373
DISTRICT OF COLUMBIA	100	PM10	0.067242338	0.04189213	0.041434164	0.034491677
DISTRICT OF COLUMBIA	79	Non-Methane Hydrocarbons	0.116285688	0.091516099	0.035210679	0.02659205
DISTRICT OF COLUMBIA	105	Primary PM10 - Sulfate Particulate	8.75029E-05	4.40602E-05	7.46144E-05	3.24509E-05
DISTRICT OF COLUMBIA	3	Oxides of Nitrogen (NOx)	0.872197694	0.492861325	0.217372946	0.122088014
DISTRICT OF COLUMBIA	112	Primary PM2.5 - Elemental Carbon	0.017375856	0.003339354	0.000996819	0.000943149
DISTRICT OF COLUMBIA	30	Ammonia (NH3)	0.032375557	0.032584707	0.021480548	0.02099064
DISTRICT OF COLUMBIA	101	Primary PM10 - Organic Carbon	0.015365299	0.009940485	0.007283088	0.006439502
MARYLAND	6	Nitrous Oxide (N2O)	0.003622023	0.003627428	0.001413111	0.001316554
MARYLAND	100	PM10	0.06423235	0.034700734	0.033792108	0.027796659
MARYLAND	79	Non-Methane Hydrocarbons	0.115082029	0.089048156	0.03303073	0.025870727
MARYLAND	105	Primary PM10 - Sulfate Particulate	0.000102673	4.20086E-05	8.82396E-05	3.09177E-05
MARYLAND	3	Oxides of Nitrogen (NOx)	1.048973758	0.520915377	0.250658032	0.131734662
MARYLAND	112	Primary PM2.5 - Elemental Carbon	0.022247742	0.003344633	0.001007605	0.000952007
MARYLAND	30	Ammonia (NH3)	0.031977591	0.032380455	0.021391578	0.020820067
MARYLAND	101	Primary PM10 - Organic Carbon	0.015562828	0.010015985	0.007532518	0.006568555
MARYLAND	1	Total Gaseous Hydrocarbons	0.122766188	0.094640858	0.040656226	0.030226382
MARYLAND	87	Volatile Organic Compounds	0.118279148	0.091402802	0.033894346	0.026549286
MARYLAND	110	PM25	0.043576331	0.018056664	0.014526437	0.012185392
MARYLAND	5	Methane (CH4)	0.007684154	0.005592683	0.007625486	0.004355653
MARYLAND	98	CO2 Equivalent	506.4649277	411.912995	416.7262409	311.7489813
MARYLAND	115	Primary PM2.5 - Sulfate Particulate	9.81805E-05	3.90708E-05	8.43749E-05	2.86986E-05
MARYLAND	31	Sulfur Dioxide (SO2)	0.006527789	0.005978339	0.005138893	0.004531016
MARYLAND	102	Primary PM10 - Elemental Carbon	0.022994222	0.003511702	0.001086354	0.001033261
MARYLAND	2	Carbon Monoxide (CO)	3.282671171	3.214738057	2.007237461	1.971715646
MARYLAND	90	Atmospheric CO2	505.1823093	410.6724783	416.1290851	311.2504305
MARYLAND	111	Primary PM2.5 - Organic Carbon	0.014680993	0.009269693	0.007012953	0.006054078
MASSACHUSETTS	1	Total Gaseous Hydrocarbons	0.118415354	0.090456697	0.040885053	0.02994383
MASSACHUSETTS	87	Volatile Organic Compounds	0.114061157	0.087355941	0.034239112	0.026300889
MASSACHUSETTS	110	PM25	0.044712729	0.021156004	0.016799909	0.014520489
MASSACHUSETTS	5	Methane (CH4)	0.0074478	0.005364074	0.007520656	0.004316516
MASSACHUSETTS	98	CO2 Equivalent	507.4559634	422.817203	414.8297025	320.1317897
MASSACHUSETTS	115	Primary PM2.5 - Sulfate Particulate	9.26761E-05	4.00055E-05	7.93715E-05	2.94013E-05
MASSACHUSETTS	31	Sulfur Dioxide (SO2)	0.006620848	0.00612545	0.005198262	0.004644795
MASSACHUSETTS	102	Primary PM10 - Elemental Carbon	0.021379374	0.003829775	0.001319351	0.001284309
MASSACHUSETTS	2	Carbon Monoxide (CO)	3.196442655	3.106915099	1.984737656	1.932736523
MASSACHUSETTS	90	Atmospheric CO2	506.0699885	421.4769446	414.1954857	319.5955812
MASSACHUSETTS	111	Primary PM2.5 - Organic Carbon	0.016594138	0.01135895	0.008301551	0.007484842
MASSACHUSETTS	6	Nitrous Oxide (N2O)	0.003971256	0.003964434	0.001539758	0.001440633
MASSACHUSETTS	100	PM10	0.067801617	0.040038669	0.038406529	0.032193798
MASSACHUSETTS	79	Non-Methane Hydrocarbons	0.110967552	0.08509264	0.033364403	0.025627316
MASSACHUSETTS	105	Primary PM10 - Sulfate Particulate	9.70735E-05	4.3015E-05	8.31254E-05	3.16757E-05
MASSACHUSETTS	3	Oxides of Nitrogen (NOx)	0.994586831	0.511033027	0.243608627	0.131090546
MASSACHUSETTS	112	Primary PM2.5 - Elemental Carbon	0.020666756	0.003638227	0.001221676	0.001183193
MASSACHUSETTS	30	Ammonia (NH3)	0.032190607	0.032518222	0.021461691	0.020924243

State	Pollutant ID	Pollutant Name	2013		2040	
			Emission Factor (grams/vehicle-mile)		Emission Factor (grams/vehicle-mile)	
			Fleet	Car	Fleet	Car
MASSACHUSETTS	101	Primary PM10 - Organic Carbon	0.017641213	0.012278331	0.008937396	0.008122135
NEW HAMPSHIRE	6	Nitrous Oxide (N2O)	0.003266041	0.003286043	0.001284262	0.001188934
NEW HAMPSHIRE	100	PM10	0.066588272	0.034699843	0.032995639	0.027572643
NEW HAMPSHIRE	79	Non-Methane Hydrocarbons	0.12586493	0.099985766	0.032470976	0.025827704
NEW HAMPSHIRE	105	Primary PM10 - Sulfate Particulate	0.000112084	4.14072E-05	9.68369E-05	3.04513E-05
NEW HAMPSHIRE	3	Oxides of Nitrogen (NOx)	1.228255113	0.600562168	0.280161874	0.14250137
NEW HAMPSHIRE	112	Primary PM2.5 - Elemental Carbon	0.025348456	0.003606057	0.001238604	0.001206757
NEW HAMPSHIRE	30	Ammonia (NH3)	0.031564352	0.032084054	0.02122962	0.020612898
NEW HAMPSHIRE	101	Primary PM10 - Organic Carbon	0.017587849	0.012144943	0.009217328	0.008339869
NEW HAMPSHIRE	1	Total Gaseous Hydrocarbons	0.134194256	0.10623482	0.040222046	0.030176449
NEW HAMPSHIRE	87	Volatile Organic Compounds	0.129362797	0.102626839	0.033323647	0.026509584
NEW HAMPSHIRE	110	PM25	0.047801805	0.01964468	0.015610887	0.013480788
NEW HAMPSHIRE	5	Methane (CH4)	0.008329233	0.006248938	0.00775106	0.004348725
NEW HAMPSHIRE	98	CO2 Equivalent	510.6183989	400.9316911	424.1040251	303.1489704
NEW HAMPSHIRE	115	Primary PM2.5 - Sulfate Particulate	0.000107382	3.85113E-05	9.27502E-05	2.82658E-05
NEW HAMPSHIRE	31	Sulfur Dioxide (SO2)	0.006520423	0.005893099	0.005151482	0.004461956
NEW HAMPSHIRE	102	Primary PM10 - Elemental Carbon	0.026203886	0.003796613	0.001336401	0.001309947
NEW HAMPSHIRE	2	Carbon Monoxide (CO)	3.47493598	3.44084209	2.05662452	2.036927336
NEW HAMPSHIRE	90	Atmospheric CO2	509.4327524	399.78341	423.5441636	302.6901281
NEW HAMPSHIRE	111	Primary PM2.5 - Organic Carbon	0.01654958	0.011223845	0.008572367	0.007684884
NEW JERSEY	1	Total Gaseous Hydrocarbons	0.123668575	0.096202536	0.040144322	0.029118206
NEW JERSEY	87	Volatile Organic Compounds	0.119215241	0.09299954	0.033662084	0.025650607
NEW JERSEY	110	PM25	0.043024233	0.019623516	0.015784407	0.0134463
NEW JERSEY	5	Methane (CH4)	0.007657835	0.005593369	0.007338218	0.004121957
NEW JERSEY	98	CO2 Equivalent	505.1927897	421.7946441	412.9012652	319.3312017
NEW JERSEY	115	Primary PM2.5 - Sulfate Particulate	9.18371E-05	3.9927E-05	7.87122E-05	2.93415E-05
NEW JERSEY	31	Sulfur Dioxide (SO2)	0.006599687	0.006111631	0.005181268	0.004634033
NEW JERSEY	102	Primary PM10 - Elemental Carbon	0.020939023	0.003624906	0.001170527	0.001124973
NEW JERSEY	2	Carbon Monoxide (CO)	3.174100737	3.081803168	1.918505795	1.859064562
NEW JERSEY	90	Atmospheric CO2	503.8046551	420.4526635	412.2718466	318.8002561
NEW JERSEY	111	Primary PM2.5 - Organic Carbon	0.015332627	0.010020666	0.007429633	0.006561843
NEW JERSEY	6	Nitrous Oxide (N2O)	0.003964216	0.003954688	0.001536482	0.001436657
NEW JERSEY	100	PM10	0.065960095	0.038360925	0.037289308	0.031015979
NEW JERSEY	79	Non-Methane Hydrocarbons	0.116010744	0.090609156	0.032806073	0.024996234
NEW JERSEY	105	Primary PM10 - Sulfate Particulate	9.62081E-05	4.293E-05	8.24434E-05	3.16108E-05
NEW JERSEY	3	Oxides of Nitrogen (NOx)	0.975849268	0.504639851	0.237067604	0.126170832
NEW JERSEY	112	Primary PM2.5 - Elemental Carbon	0.020248882	0.003449428	0.001084588	0.001036473
NEW JERSEY	30	Ammonia (NH3)	0.032113998	0.032434872	0.021410125	0.020869735
NEW JERSEY	101	Primary PM10 - Organic Carbon	0.016271797	0.010825191	0.007991081	0.007119794
NEW YORK	6	Nitrous Oxide (N2O)	0.003776663	0.003775178	0.001468276	0.00137022
NEW YORK	100	PM10	0.066278674	0.037879115	0.036466894	0.030460385
NEW YORK	79	Non-Methane Hydrocarbons	0.109445623	0.083162336	0.032375008	0.024807985
NEW YORK	105	Primary PM10 - Sulfate Particulate	0.000100163	4.32636E-05	8.59797E-05	3.18664E-05
NEW YORK	3	Oxides of Nitrogen (NOx)	1.012942212	0.505761252	0.247082404	0.129658706
NEW YORK	112	Primary PM2.5 - Elemental Carbon	0.021369045	0.003547869	0.001169503	0.001129097
NEW YORK	30	Ammonia (NH3)	0.031942239	0.032306899	0.021339409	0.020778897
NEW YORK	101	Primary PM10 - Organic Carbon	0.017042605	0.011624721	0.008613242	0.007766849

State	Pollutant ID	Pollutant Name	2013		2040	
			Emission Factor (grams/vehicle-mile)		Emission Factor (grams/vehicle-mile)	
			Fleet	Car	Fleet	Car
NEW YORK	1	Total Gaseous Hydrocarbons	0.116731942	0.088335061	0.039768729	0.028940355
NEW YORK	87	Volatile Organic Compounds	0.111799182	0.084682812	0.032954041	0.025238083
NEW YORK	110	PM25	0.044437766	0.020094517	0.016047502	0.013796515
NEW YORK	5	Methane (CH4)	0.007286216	0.005172651	0.007393707	0.004132357
NEW YORK	98	CO2 Equivalent	504.532509	415.7086986	413.9509094	314.6421158
NEW YORK	115	Primary PM2.5 - Sulfate Particulate	9.56735E-05	4.02307E-05	8.21352E-05	2.95749E-05
NEW YORK	31	Sulfur Dioxide (SO2)	0.006687732	0.006178488	0.005255779	0.004683532
NEW YORK	102	Primary PM10 - Elemental Carbon	0.022098957	0.003732314	0.001262451	0.001225575
NEW YORK	2	Carbon Monoxide (CO)	3.276542387	3.187000159	2.053354378	1.997054915
NEW YORK	90	Atmospheric CO2	503.2101994	414.4310797	413.3414708	314.131559
NEW YORK	111	Primary PM2.5 - Organic Carbon	0.016043042	0.010753655	0.008005408	0.007157543
PENNSYLVANIA	1	Total Gaseous Hydrocarbons	0.135768789	0.108268655	0.040474213	0.03001726
PENNSYLVANIA	87	Volatile Organic Compounds	0.129732106	0.103439782	0.033320511	0.026075615
PENNSYLVANIA	110	PM25	0.045347563	0.018881654	0.015200378	0.012946267
PENNSYLVANIA	5	Methane (CH4)	0.008348848	0.006288725	0.007627446	0.004290967
PENNSYLVANIA	98	CO2 Equivalent	509.2184012	409.4167942	420.4470146	309.722406
PENNSYLVANIA	115	Primary PM2.5 - Sulfate Particulate	0.000102647	4.00936E-05	8.83527E-05	2.94675E-05
PENNSYLVANIA	31	Sulfur Dioxide (SO2)	0.0067275	0.00616429	0.005299022	0.004670445
PENNSYLVANIA	102	Primary PM10 - Elemental Carbon	0.02416803	0.003623902	0.001196864	0.001154749
PENNSYLVANIA	2	Carbon Monoxide (CO)	3.662055044	3.613301038	2.210111476	2.173436155
PENNSYLVANIA	90	Atmospheric CO2	507.9455353	408.1825995	419.8582985	309.2332301
PENNSYLVANIA	111	Primary PM2.5 - Organic Carbon	0.015431738	0.01005219	0.007686139	0.006758665
PENNSYLVANIA	6	Nitrous Oxide (N2O)	0.003546128	0.003560535	0.001385656	0.001290596
PENNSYLVANIA	100	PM10	0.065776298	0.0354297	0.034234507	0.028468454
PENNSYLVANIA	79	Non-Methane Hydrocarbons	0.127419948	0.101979948	0.032846762	0.025726287
PENNSYLVANIA	105	Primary PM10 - Sulfate Particulate	0.000107311	4.31185E-05	9.2373E-05	3.1752E-05
PENNSYLVANIA	3	Oxides of Nitrogen (NOx)	1.127581679	0.564103729	0.261601002	0.135143014
PENNSYLVANIA	112	Primary PM2.5 - Elemental Carbon	0.02338129	0.003447582	0.001109649	0.001063866
PENNSYLVANIA	30	Ammonia (NH3)	0.03175077	0.032200749	0.021286444	0.020700955
PENNSYLVANIA	101	Primary PM10 - Organic Carbon	0.01637554	0.010867167	0.008260287	0.007333819
RHODE ISLAND	6	Nitrous Oxide (N2O)	0.004032639	0.004024503	0.038702483	0.032410812
RHODE ISLAND	100	PM10	0.067863981	0.040233611	0.001562299	0.001462831
RHODE ISLAND	79	Non-Methane Hydrocarbons	0.111914075	0.086156422	0.033727351	0.025932902
RHODE ISLAND	105	Primary PM10 - Sulfate Particulate	9.6575E-05	4.32268E-05	8.26278E-05	3.18351E-05
RHODE ISLAND	3	Oxides of Nitrogen (NOx)	0.989119482	0.5135331	0.00119703	0.001156092
RHODE ISLAND	112	Primary PM2.5 - Elemental Carbon	0.020440958	0.003608285	0.241175434	0.130298961
RHODE ISLAND	30	Ammonia (NH3)	0.032251032	0.032569701	0.008757406	0.00793165
RHODE ISLAND	101	Primary PM10 - Organic Carbon	0.01741022	0.012039507	0.021491189	0.020960244
RHODE ISLAND	1	Total Gaseous Hydrocarbons	0.119376771	0.091540095	0.034597078	0.026603116
RHODE ISLAND	87	Volatile Organic Compounds	0.114982175	0.088409381	0.016739478	0.014431619
RHODE ISLAND	110	PM25	0.044411313	0.021028539	0.041234121	0.030245717
RHODE ISLAND	5	Methane (CH4)	0.007462721	0.005383706	415.0180384	321.5305845
RHODE ISLAND	98	CO2 Equivalent	508.1694981	424.637136	7.88805E-05	2.95489E-05
RHODE ISLAND	115	Primary PM2.5 - Sulfate Particulate	9.218E-05	4.0202E-05	0.007506766	0.004312815
RHODE ISLAND	31	Sulfur Dioxide (SO2)	0.006647056	0.006156998	0.001292646	0.001254872
RHODE ISLAND	102	Primary PM10 - Elemental Carbon	0.021145048	0.003797126	0.005216811	0.00466913
RHODE ISLAND	2	Carbon Monoxide (CO)	3.219058886	3.129615864	414.3771413	320.9875844

State	Pollutant ID	Pollutant Name	2013		2040	
			Emission Factor (grams/vehicle-mile)		Emission Factor (grams/vehicle-mile)	
			Fleet	Car	Fleet	Car
RHODE ISLAND	90	Atmospheric CO2	506.7642023	423.2778657	0.008135213	0.007309472
RHODE ISLAND	111	Primary PM2.5 - Organic Carbon	0.016381435	0.011140077	1.991633218	1.938827655
VIRGINIA	1	Total Gaseous Hydrocarbons	0.144607221	0.117874329	0.042931573	0.032772298
VIRGINIA	87	Volatile Organic Compounds	0.137331838	0.111744296	0.035188074	0.028234853
VIRGINIA	110	PM25	0.044268403	0.017572606	0.014261123	0.011899531
VIRGINIA	5	Methane (CH4)	0.008840297	0.006825298	0.007974798	0.004682804
VIRGINIA	98	CO2 Equivalent	511.7448743	411.3474435	422.3136683	311.2398605
VIRGINIA	115	Primary PM2.5 - Sulfate Particulate	0.000102147	3.92225E-05	8.78804E-05	2.8808E-05
VIRGINIA	31	Sulfur Dioxide (SO2)	0.0065831	0.006004765	0.005187897	0.004550029
VIRGINIA	102	Primary PM10 - Elemental Carbon	0.024129506	0.003452663	0.001053903	0.000996692
VIRGINIA	2	Carbon Monoxide (CO)	3.849698704	3.828148582	2.285381168	2.27093937
VIRGINIA	90	Atmospheric CO2	510.4541322	410.0938406	421.7146722	310.7392445
VIRGINIA	111	Primary PM2.5 - Organic Carbon	0.014347068	0.008881233	0.006849198	0.005839918
VIRGINIA	6	Nitrous Oxide (N2O)	0.003570926	0.003587277	0.00139562	0.001301307
VIRGINIA	100	PM10	0.06469289	0.034061504	0.033294215	0.027380546
VIRGINIA	79	Non-Methane Hydrocarbons	0.13576693	0.11104905	0.034956775	0.0280895
VIRGINIA	105	Primary PM10 - Sulfate Particulate	0.00010675	4.21729E-05	9.18523E-05	3.10361E-05
VIRGINIA	3	Oxides of Nitrogen (NOx)	1.115876844	0.561024752	0.261159317	0.138495982
VIRGINIA	112	Primary PM2.5 - Elemental Carbon	0.02335189	0.003290184	0.000978018	0.000918329
VIRGINIA	30	Ammonia (NH3)	0.031897512	0.032348983	0.021375893	0.020798473
VIRGINIA	101	Primary PM10 - Organic Carbon	0.015197357	0.00959496	0.007351263	0.006336016
WEST VIRGINIA	6	Nitrous Oxide (N2O)	0.003001599	0.003029028	0.001189806	0.001093812
WEST VIRGINIA	100	PM10	0.06467449	0.030159392	0.029266063	0.023871832
WEST VIRGINIA	79	Non-Methane Hydrocarbons	0.133034469	0.107239598	0.034191213	0.028288012
WEST VIRGINIA	105	Primary PM10 - Sulfate Particulate	0.000121068	4.17373E-05	0.000104733	3.06969E-05
WEST VIRGINIA	3	Oxides of Nitrogen (NOx)	1.309264671	0.628506403	0.293530772	0.149931926
WEST VIRGINIA	112	Primary PM2.5 - Elemental Carbon	0.02761141	0.003324801	0.001035919	0.000979906
WEST VIRGINIA	30	Ammonia (NH3)	0.031447542	0.032063234	0.021232204	0.020588318
WEST VIRGINIA	101	Primary PM10 - Organic Carbon	0.015616266	0.009930623	0.007882373	0.006797131
WEST VIRGINIA	1	Total Gaseous Hydrocarbons	0.141819062	0.11395934	0.042421876	0.033070619
WEST VIRGINIA	87	Volatile Organic Compounds	0.13677709	0.110105404	0.035101479	0.029044806
WEST VIRGINIA	110	PM25	0.047670467	0.016795699	0.013625463	0.011337694
WEST VIRGINIA	5	Methane (CH4)	0.008784517	0.006719674	0.008230681	0.004782619
WEST VIRGINIA	98	CO2 Equivalent	517.4421241	394.2218855	432.6930229	297.9117124
WEST VIRGINIA	115	Primary PM2.5 - Sulfate Particulate	0.000116119	3.8811E-05	0.00010041	2.84895E-05
WEST VIRGINIA	31	Sulfur Dioxide (SO2)	0.006653079	0.005962165	0.005267765	0.004511727
WEST VIRGINIA	102	Primary PM10 - Elemental Carbon	0.028522334	0.003491574	0.001115596	0.0010636
WEST VIRGINIA	2	Carbon Monoxide (CO)	4.097396083	4.133725143	2.488148259	2.513911652
WEST VIRGINIA	90	Atmospheric CO2	516.3290187	393.1435395	432.1524771	297.4733701
WEST VIRGINIA	111	Primary PM2.5 - Organic Carbon	0.014737501	0.009180232	0.007349851	0.006264173

2040 Roadway Emissions			
State	Pollutant	Preferred Alternative	Preferred Alternative
		Annual Reduction (grams)	Annual Reduction (short tons)
CT	Carbon Monoxide (CO)	-761747509.3	-839.6826549
CT	Oxides of Nitrogen (NOx)	-52259809.04	-57.6065621
CT	Sulfur Dioxide (SO2)	-1792231.869	-1.975596895
CT	Atmospheric CO2	-1.23277E+11	-135889.0852
CT	Methane (CH4)	-1674557.286	-1.845882908
CT	Nitrous Oxide (N2O)	-525895.6178	-0.579700522
CT	CO2 Equivalent	-1.23474E+11	-136107.1208
CT	PM10	-11647448.06	-12.83911006
CT	PM25	-5383206.218	-5.933967402
CT	Volatile Organic Compounds	-10188266.2	-11.23063786
DC	Carbon Monoxide (CO)	-35488689.07	-39.11957216
DC	Oxides of Nitrogen (NOx)	-2403016.922	-2.648871975
DC	Sulfur Dioxide (SO2)	-93531.63428	-0.103100949
DC	Atmospheric CO2	-6531779777	-7200.052665
DC	Methane (CH4)	-84834.99088	-0.093514543
DC	Nitrous Oxide (N2O)	-32156.15849	-0.035446087
DC	CO2 Equivalent	-6543509596	-7212.982573
DC	PM10	-678887.9678	-0.748345671
DC	PM25	-272248.5889	-0.300102613
DC	Volatile Organic Compounds	-537104.405	-0.592056091
MD	Carbon Monoxide (CO)	-360348663.4	-397.2162937
MD	Oxides of Nitrogen (NOx)	-24075687.28	-26.5388948
MD	Sulfur Dioxide (SO2)	-828083.7541	-0.912805827
MD	Atmospheric CO2	-56883799060	-62703.63714
MD	Methane (CH4)	-796034.5957	-0.877477687
MD	Nitrous Oxide (N2O)	-240612.0831	-0.265229345
MD	CO2 Equivalent	-56974913665	-62804.07377
MD	PM10	-5080088.025	-5.599836886
MD	PM25	-2226989.349	-2.454834846
MD	Volatile Organic Compounds	-4852119.441	-5.348544609
DE	Carbon Monoxide (CO)	-39048185.58	-43.04324431
DE	Oxides of Nitrogen (NOx)	-2795948.609	-3.082004893
DE	Sulfur Dioxide (SO2)	-96871.11843	-0.106782099
DE	Atmospheric CO2	-6705004650	-7391.000348
DE	Methane (CH4)	-89852.08747	-0.099044944
DE	Nitrous Oxide (N2O)	-29205.35088	-0.032193379
DE	CO2 Equivalent	-6715923656	-7403.036487
DE	PM10	-618520.6438	-0.681802106
DE	PM25	-263527.3709	-0.290489118
DE	Volatile Organic Compounds	-550890.4977	-0.607252653
PA	Carbon Monoxide (CO)	-808491341.6	-891.2088952
PA	Oxides of Nitrogen (NOx)	-50271528.02	-55.41485808



2040 Roadway Emissions			
State	Pollutant	Preferred Alternative	Preferred Alternative
		Annual Reduction (grams)	Annual Reduction (short tons)
PA	Sulfur Dioxide (SO2)	-1737347.608	-1.91509737
PA	Atmospheric CO2	-1.15031E+11	-126799.8624
PA	Methane (CH4)	-1596186.587	-1.759494025
PA	Nitrous Oxide (N2O)	-480085.5507	-0.529203581
PA	CO2 Equivalent	-1.15213E+11	-127000.447
PA	PM10	-10589912.42	-11.6733769
PA	PM25	-4815851.219	-5.308565749
PA	Volatile Organic Compounds	-9699805.796	-10.69220258
NJ	Carbon Monoxide (CO)	-1399270579	-1542.431344
NJ	Oxides of Nitrogen (NOx)	-94965574.29	-104.6815967
NJ	Sulfur Dioxide (SO2)	-3487918.479	-3.844770889
NJ	Atmospheric CO2	-2.39953E+11	-264502.6523
NJ	Methane (CH4)	-3102492.445	-3.419911534
NJ	Nitrous Oxide (N2O)	-1081335.273	-1.19196776
NJ	CO2 Equivalent	-2.40352E+11	-264943.168
NJ	PM10	-23344937.88	-25.7333817
NJ	PM25	-10120688.06	-11.15614573
NJ	Volatile Organic Compounds	-19306558.82	-21.28183206
NY	Carbon Monoxide (CO)	-1448205602	-1596.372958
NY	Oxides of Nitrogen (NOx)	-94024687.55	-103.6444469
NY	Sulfur Dioxide (SO2)	-3396359.713	-3.743844655
NY	Atmospheric CO2	-2.27799E+11	-251105.3263
NY	Methane (CH4)	-2996663.898	-3.303255563
NY	Nitrous Oxide (N2O)	-993643.1133	-1.095303729
NY	CO2 Equivalent	-2.28169E+11	-251513.4468
NY	PM10	-22088977.2	-24.34892244
NY	PM25	-10004827.82	-11.0284317
NY	Volatile Organic Compounds	-18301916.59	-20.17440389
RI	Carbon Monoxide (CO)	-138143725.9	-152.277348
RI	Oxides of Nitrogen (NOx)	-9283952.524	-10.23380294
RI	Sulfur Dioxide (SO2)	-332680.9184	-0.366717834
RI	Atmospheric CO2	-22870738810	-25210.66685
RI	Methane (CH4)	-307293.0824	-0.338732543
RI	Nitrous Oxide (N2O)	-104228.4273	-0.114892141
RI	CO2 Equivalent	-22909428194	-25253.31459
RI	PM10	-2309308.064	-2.545575669
RI	PM25	-1028269.64	-1.13347293
RI	Volatile Organic Compounds	-1895502.95	-2.089433743
MA	Carbon Monoxide (CO)	-530556020.1	-584.8377345
MA	Oxides of Nitrogen (NOx)	-35985700.98	-39.66743386
MA	Sulfur Dioxide (SO2)	-1275043.913	-1.405494925
MA	Atmospheric CO2	-87732268487	-96708.24417

2040 Roadway Emissions			
State	Pollutant	Preferred Alternative	Preferred Alternative
		Annual Reduction (grams)	Annual Reduction (short tons)
MA	Methane (CH4)	-1184928.051	-1.306159219
MA	Nitrous Oxide (N2O)	-395468.4944	-0.43592927
MA	CO2 Equivalent	-87879463230	-96870.49855
MA	PM10	-8837528.071	-9.741704361
MA	PM25	-3986023.312	-4.393837323
MA	Volatile Organic Compounds	-7219864.173	-7.958535661
Total (All States)	Carbon Monoxide (CO)	-5521300316	-6086.190045
Total (All States)	Oxides of Nitrogen (NOx)	-366065905.2	-403.5184722
Total (All States)	Sulfur Dioxide (SO2)	-13040069.01	-14.37421144
Total (All States)	Atmospheric CO2	-8.86783E+11	-977510.5274
Total (All States)	Methane (CH4)	-11832843.02	-13.04347297
Total (All States)	Nitrous Oxide (N2O)	-3882630.069	-4.279865814
Total (All States)	CO2 Equivalent	-8.88232E+11	-979108.0886
Total (All States)	PM10	-85195608.33	-93.91205579
Total (All States)	PM25	-38101631.57	-41.99984741
Total (All States)	Volatile Organic Compounds	-72552028.88	-79.97489914

2040 Train Emissions - WITH EXISTING ENERGY PROFILE											
State	Train Type	NOx (lb/Day)	SO2 (lb/Day)	CO2 (lb/Day)	CH4 (lb/Day)	N2O (lb/Day)	CO2e (lb/Day)	CO (lb/Day)	PM10 (lb/Day)	PM25 (lb/Day)	VOC (lb/Day)
		Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative
DC	Electric Trains	2.19E+01	1.12E+01	2.14E+04	5.73E-01	8.48E-02	2.14E+04	2.65E-02	9.25E-02	6.66E-02	3.30E-03
DC	Diesel Trains	-3.90E-05	-1.31E-07	-1.42E-02	-1.11E-06	-3.62E-07	-1.44E-02	-3.71E-05	-5.57E-07	-5.40E-07	-1.39E-06
MD	Electric Trains	3.14E+02	6.01E+02	3.94E+05	1.13E+01	6.37E+00	3.96E+05	6.01E+01	4.55E+01	3.91E+01	5.08E+00
MD	Diesel Trains	-2.94E-01	-9.87E-04	-1.07E+02	-8.41E-03	-2.73E-03	-1.08E+02	-2.80E-01	-4.21E-03	-4.08E-03	-1.05E-02
DE	Electric Trains	4.03E+01	5.47E+01	9.05E+04	1.54E+00	6.53E-01	9.08E+04	1.73E+01	1.49E+01	1.49E+01	2.04E+00
DE	Diesel Trains	-5.51E-01	-1.85E-03	-2.01E+02	-1.57E-02	-5.12E-03	-2.03E+02	-5.24E-01	-7.87E-03	-7.63E-03	-1.97E-02
PA	Electric Trains	2.16E+02	4.53E+02	1.92E+05	4.29E+00	2.83E+00	1.93E+05	3.50E+01	2.59E+01	1.83E+01	1.20E+00
PA	Diesel Trains	4.72E-01	1.58E-03	1.72E+02	1.35E-02	4.38E-03	1.74E+02	4.49E-01	6.74E-03	6.54E-03	1.68E-02
NJ	Electric Trains	4.67E+01	8.77E+01	1.21E+05	5.17E+00	1.03E+00	1.22E+05	2.18E+01	6.48E+00	6.34E+00	2.19E+00
NJ	Diesel Trains	-2.89E-03	-9.71E-06	-1.06E+00	-8.27E-05	-2.69E-05	-1.07E+00	-2.75E-03	-4.13E-05	-4.01E-05	-1.03E-04
NY	Electric Trains	7.20E+01	1.07E+02	1.19E+05	5.18E+00	8.75E-01	1.19E+05	3.36E+01	7.11E+00	4.90E+00	3.17E+00
NY	Diesel Trains	-4.49E-02	-1.50E-04	-1.64E+01	-1.28E-03	-4.17E-04	-1.65E+01	-4.27E-02	-6.41E-04	-6.22E-04	-1.60E-03
CT	Electric Trains	1.39E+02	6.21E+02	2.95E+05	3.18E+01	4.18E+00	2.97E+05	1.86E+01	8.76E+00	7.58E+00	2.74E+00
CT	Diesel Trains	-5.71E-02	-1.92E-04	-2.09E+01	-1.63E-03	-5.31E-04	-2.11E+01	-5.43E-02	-8.16E-04	-7.92E-04	-2.04E-03
RI	Electric Trains	1.98E+01	9.24E-01	9.77E+04	1.92E+00	1.94E-01	9.78E+04	2.87E+01	2.03E+00	2.03E+00	1.87E+00
RI	Diesel Trains	3.51E+01	1.18E-01	1.28E+04	1.00E+00	3.26E-01	1.29E+04	3.34E+01	5.02E-01	4.87E-01	1.25E+00
MA	Electric Trains	6.99E+01	1.73E+02	1.03E+05	9.05E+00	1.42E+00	1.03E+05	1.29E+01	4.64E+00	4.48E+00	1.91E+00
MA	Diesel Trains	4.79E-02	1.60E-04	1.75E+01	1.37E-03	4.44E-04	1.76E+01	4.55E-02	6.84E-04	6.63E-04	1.71E-03
Total (All States)	Electric Trains	9.40E+02	2.11E+03	1.43E+06	7.08E+01	1.76E+01	1.44E+06	2.28E+02	1.15E+02	9.77E+01	2.02E+01
Total (All States)	Diesel Trains	3.47E+01	1.16E-01	1.27E+04	9.91E-01	3.22E-01	1.28E+04	3.30E+01	4.96E-01	4.81E-01	1.24E+00
2040 Train Emissions - WITH FUTURE ENERGY PROFILE											
State	Train Type	NOx (lb/Day)	SO2 (lb/Day)	CO2 (lb/Day)	CH4 (lb/Day)	N2O (lb/Day)	CO2e (lb/Day)	CO (lb/Day)	PM10 (lb/Day)	PM25 (lb/Day)	VOC (lb/Day)
		Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative	Preferred Alternative
DC	Electric Trains	1.76E+01	8.94E+00	1.71E+04	4.58E-01	6.78E-02	1.71E+04	2.12E-02	7.40E-02	5.33E-02	2.64E-03
DC	Diesel Trains	-3.90E-05	-1.31E-07	-1.42E-02	-1.11E-06	-3.62E-07	-1.44E-02	-3.71E-05	-5.57E-07	-5.40E-07	-1.39E-06
MD	Electric Trains	2.69E+02	5.13E+02	3.37E+05	9.65E+00	5.44E+00	3.39E+05	5.13E+01	3.89E+01	3.34E+01	4.34E+00
MD	Diesel Trains	-2.94E-01	-9.87E-04	-1.07E+02	-8.41E-03	-2.73E-03	-1.08E+02	-2.80E-01	-4.21E-03	-4.08E-03	-1.05E-02
DE	Electric Trains	3.04E+01	4.14E+01	6.85E+04	1.16E+00	4.94E-01	6.86E+04	1.31E+01	1.13E+01	1.12E+01	1.54E+00
DE	Diesel Trains	-5.51E-01	-1.85E-03	-2.01E+02	-1.57E-02	-5.12E-03	-2.03E+02	-5.24E-01	-7.87E-03	-7.63E-03	-1.97E-02
PA	Electric Trains	1.83E+02	3.83E+02	1.62E+05	3.63E+00	2.39E+00	1.63E+05	2.96E+01	2.19E+01	1.55E+01	1.01E+00
PA	Diesel Trains	4.72E-01	1.58E-03	1.72E+02	1.35E-02	4.38E-03	1.74E+02	4.49E-01	6.74E-03	6.54E-03	1.68E-02
NJ	Electric Trains	3.55E+01	6.68E+01	9.23E+04	3.93E+00	7.87E-01	9.26E+04	1.66E+01	4.93E+00	4.82E+00	1.67E+00
NJ	Diesel Trains	-2.89E-03	-9.71E-06	-1.06E+00	-8.27E-05	-2.69E-05	-1.07E+00	-2.75E-03	-4.13E-05	-4.01E-05	-1.03E-04
NY	Electric Trains	5.04E+01	7.46E+01	8.32E+04	3.62E+00	6.13E-01	8.35E+04	2.35E+01	4.98E+00	3.43E+00	2.22E+00
NY	Diesel Trains	-4.49E-02	-1.50E-04	-1.64E+01	-1.28E-03	-4.17E-04	-1.65E+01	-4.27E-02	-6.41E-04	-6.22E-04	-1.60E-03
CT	Electric Trains	1.03E+02	4.61E+02	2.19E+05	2.36E+01	3.10E+00	2.21E+05	1.38E+01	6.50E+00	5.63E+00	2.03E+00
CT	Diesel Trains	-5.71E-02	-1.92E-04	-2.09E+01	-1.63E-03	-5.31E-04	-2.11E+01	-5.43E-02	-8.16E-04	-7.92E-04	-2.04E-03
RI	Electric Trains	1.66E+01	7.76E-01	8.21E+04	1.61E+00	1.63E-01	8.22E+04	2.41E+01	1.71E+00	1.71E+00	1.57E+00
RI	Diesel Trains	3.51E+01	1.18E-01	1.28E+04	1.00E+00	3.26E-01	1.29E+04	3.34E+01	5.02E-01	4.87E-01	1.25E+00
MA	Electric Trains	5.89E+01	1.46E+02	8.65E+04	7.63E+00	1.20E+00	8.71E+04	1.09E+01	3.91E+00	3.77E+00	1.61E+00
MA	Diesel Trains	4.79E-02	1.60E-04	1.75E+01	1.37E-03	4.44E-04	1.76E+01	4.55E-02	6.84E-04	6.63E-04	1.71E-03
Total (All States)	Electric Trains	7.64E+02	1.70E+03	1.15E+06	5.53E+01	1.42E+01	1.15E+06	1.83E+02	9.42E+01	7.95E+01	1.60E+01
Total (All States)	Diesel Trains	3.47E+01	1.16E-01	1.27E+04	9.91E-01	3.22E-01	1.28E+04	3.30E+01	4.96E-01	4.81E-01	1.24E+00

Cost Cap	Details	Enabling Statute, Code or Order
3%; 1% (PV)	Class I renewable energy sources (including distributed generation): 20% by 2020	<a href="#">Conn. Gen. Stat. §16-245a et seq.;</a>
	Class I or II (biomass, waste-to-energy and certain hydropower projects): 3% by 2010	<a href="#">Conn. Gen. Stat. §16-1</a>
	Class III (combined heat and power, waste heat recovery and conservation): 4% by 2010	
3%; 1% (PV)	Photovoltaics: 3.5% requirement by 2025-2026.	<a href="#">Del. Code Ann. 26 §351 et seq.</a>
	The state has a credit multiplier for solar installed before 2015 (3x credits), that applies only to the general REPS target.	
6.50%	Solar: 2% by 2020.	<a href="#">Md. Public Utilities Code Ann. §7-701 et seq.</a>
	Offshore wind: 2.5% maximum by 2017 (Maryland Public Service Commission rule pending)	
8%	Photovoltaic: 400 MW required.	<a href="#">Mass. Gen. Laws Ann. ch. 25A §11F</a>
	Class I resources are new sources.	
	Class II (resources in operation by 1997) requirement includes 3.6% renewable energy and 3.5% waste-to-energy.	
12.60%	20.38% Class I or Class II (resource recovery or hydropower) renewables by 2020-2021.	<a href="#">N.J. Rev. Stat. §48:3-49 et seq.</a>
	4.1% solar-electric by 2027-2028.	
	Offshore wind: 1,100 MW.	
1.70%	Distributed Generation: 8.4% of annual incremental requirement.	<a href="#">NY PSC Order Case 03-E-0188;</a> <a href="#">2015 New York State Energy Plan</a>
None	Tier I: 8% by 2020-2021 (includes photovoltaic).	<a href="#">Pa. Cons. Stat. tit. 73 §1648.1 et seq.;</a>
	Tier II (includes waste coal, distributed generation, large-scale hydropower and municipal solid waste, among other technologies): 10% by 2020-2021.	<a href="#">Pa. Cons. Stat. tit. 66 §2814</a>
	Photovoltaic: 0.5% by 2020-2021.	
9.50%	The state has a separate long-term contracting standard for renewable energy, which requires electric distribution companies to establish long-term contracts with new renewable energy facilities.	<a href="#">R.I. Gen. Laws §39-26-1 et seq.;</a> <a href="#">R.I. Gen. Laws §39-26.1 et seq. (contracting standard)</a>
7.60%	Solar: 2.5% by 2023.	<a href="#">D.C. Code §34-1431 et seq.</a>

Federal Attainment Status								
State	County	2008 Ozone (O3)	Particulate Matter PM2.5 1997 Annual	Particulate Matter PM2.5 2006 24-hour	Particulate Matter PM2.5 2012 24-Hour	Carbon Monoxide (CO)	Particulate Matter PM10	Lead (Pb)
DC	District of Columbia	Marginal Nonattainment	Maintenance	Attainment	Attainment	Maintenance	Attainment	Attainment
MD	Prince George's	Marginal Nonattainment	Maintenance	Attainment	Attainment	Maintenance (partial)	Attainment	Attainment
MD	Anne Arundel	Moderate Nonattainment	Maintenance	Attainment	Attainment	Attainment	Attainment	Attainment
MD	Baltimore City	Moderate Nonattainment	Maintenance	Attainment	Attainment	Maintenance	Attainment	Attainment
MD	Baltimore County	Moderate Nonattainment	Maintenance	Attainment	Attainment	Maintenance (partial)	Attainment	Attainment
MD	Harford	Moderate Nonattainment	Maintenance	Attainment	Attainment	Attainment	Attainment	Attainment
MD	Cecil	Marginal Nonattainment	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment
DE	New Castle	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Attainment	Attainment	Attainment
PA	Delaware	Marginal Nonattainment	Maintenance	Maintenance	Nonattainment	Attainment	Attainment	Attainment
PA	Philadelphia	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance (partial)	Attainment	Attainment
PA	Bucks	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Attainment	Attainment	Attainment
NJ	Mercer	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance (partial)	Attainment	Attainment
NJ	Middlesex	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance (partial)	Attainment	Attainment
NJ	Union	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Attainment	Attainment
NJ	Essex	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Attainment	Attainment
NJ	Hudson	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Attainment	Attainment
NY	New York	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Moderate Nonattainment	Attainment
NY	Queens	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Attainment	Attainment
NY	Kings	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Attainment	Attainment
NY	Bronx	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Attainment	Attainment
NY	Westchester	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Attainment	Attainment
CT	Fairfield	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance (partial)	Attainment	Attainment
CT	New Haven	Marginal Nonattainment	Maintenance	Maintenance	Attainment	Maintenance	Maintenance (partial)	Attainment
CT	Middlesex	Marginal Nonattainment	Attainment	Attainment	Attainment	Maintenance (partial)	Attainment	Attainment
CT	New London	Marginal Nonattainment	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment
CT	Hartford	Marginal Nonattainment	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment
RI	Washington	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment
RI	Kent	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment
RI	Providence	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment
MA	Hampden	Attainment	Attainment	Attainment	Attainment	Maintenance (partial)		
MA	Bristol	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment	Attainment
MA	Norfolk	Attainment	Attainment	Attainment	Attainment	Maintenance (partial)	Attainment	Attainment
MA	Suffolk	Attainment	Attainment	Attainment	Attainment	Maintenance (partial)	Attainment	Attainment

District of Columbia														
		Verizon Phone Company 2055 L Street N.W. Washington D.C. Site ID 110010023			420 34th Street N.E. Washington D.C. Site ID 110010041			2500 1st Street N.W. Washington D.C. Site ID 110010043			Park Services Office 1100 Ohio Drive Washington D.C. Site ID 110010042			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	5.8	2.1	2.1	2.3	2.5		2.1	1.6	1.7			
		2nd Maximum	4.4	2	2	2.2	2.5		1.4	1.6	1.6			
		# of Exceedences	0	0	0	0	0		0	0	0			
	8-Hour	Maximum	2.8	1.6	1.8	1.9	2.2		1.2	1.5	1.5			
		2nd Maximum	2.5	1.5	1.7	1.9	2		1.1	1.2	1.5			
		# of Exceedences	0	0	0	0	0		0	0	0			
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour							41	55	44			
		Second Maximum							40	43	42			
		# of Exceedences							0	0	0			
	PM <sub>2.5</sub>	Maximum 24-Hour				27.6	30.7		27.3	30.5	30.2	25.7	24.6	26.4
		Mean Annual				9.3	10.2		9.1	9.9	10	8.3	9.1	9.2
		# of Exceedences				0	0		0	0	0	0	0	0
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest				0.071	0.05		0.068	0.08	0.078			
		Second Highest				0.069	0.047		0.066	0.071	0.078			
		Third Highest				0.062	0.047		0.066	0.069	0.075			
		Fourth Highest				0.062	0.047		0.066	0.068	0.072			
		# of Days Standard Exceeded				0	0		0	1	2			
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour	Maximum				65	64		57	56	62			
		Second Maximum				61	63		55	54	60			
		# of Days Standard Exceeded				0	0		0	0	0			
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour	Maximum				14.6	11.1		16	28.2	18			
		24-Hour Maximum				4.5	5.1		2.9	7.3	5.1			
		Annual Mean				1.33	2.21		0.67	0.98	1.28			
Lead (Pb) [ug/m <sup>3</sup> ]	1-Hour	1st Maximum							0.009	0.014	0.012			
		2nd Maximum							0.009	0.011	0.009			
		3rd Maximum							0.007	0.008	0.008			
		4th Maximum							0.007	0.007	0.007			
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Maryland		600 Dorsey Avenue Essex, MD, Baltimore County Site ID 2400530012			Padonia Elementary 9834 Greenside Drive Cockeysville, MD, Baltimore County Site ID 240053001			Davidsonville Recreation Center, 3801 Queen Anne Bridge Road, Anne Arundel County Site ID 240030014			Fair Hill Natural Resource Management 4600 Telegraph Road, Cecil County Site ID 240150003			Edgewood Chemical Biological Center Waehli Road, Harford County Site ID 240251001			3560 Aldino Road, Harford County Site ID 240259001			Millington Wildlife Management Area, Kent County Site ID 240290002			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	2.4	2.4	4.6																		
		2nd Maximum	2.2	1.8	2.8																		
		# of Exceedences	0	0	0																		
	8-Hour	Maximum	1.6	1.4	1.7																		
		2nd Maximum	1.4	1.3	1.5																		
		# of Exceedences	0	0	0																		
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour																					
		Second Maximum																					
		# of Exceedences																					
	PM <sub>2.5</sub>	Maximum 24-Hour	35.2	25.9	28.5	26.5	23	29.4				39	28.8	30.7	32.3	30.8	29.1				29.4	29.2	24.5
		Mean Annual	9.5	9.7	10.3	8.5	8.9	9.6				9.9	8.6	9.8	9.6	10.3	8.3				8.9	8.2	9.3
		# of Exceedences	1	0	0	0	0	0				1	0	0	0	0	0				0	0	0
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest	0.072	0.072	0.075	0.076	0.081	0.083	0.076	0.08	0.076	0.083	0.085	0.1	0.08	0.08	0.088	0.075	0.079	0.083	0.078	0.074	0.073
		Second Highest	0.068	0.069	0.074	0.074	0.071	0.081	0.076	0.07	0.074	0.08	0.079	0.079	0.078	0.078	0.074	0.068	0.076	0.08	0.071	0.069	0.073
		Third Highest	0.068	0.069	0.072	0.071	0.068	0.079	0.071	0.07	0.072	0.076	0.074	0.074	0.073	0.072	0.074	0.068	0.071	0.074	0.069	0.068	0.072
		Fourth Highest	0.067	0.068	0.07	0.068	0.067	0.078	0.071	0.066	0.071	0.072	0.074	0.074	0.072	0.067	0.074	0.068	0.07	0.073	0.067	0.068	0.072
		# of Days Standard Exceeded	0	0	0	1	1	5	1	1	1	3	2	2	2	2	1	0	2	2	1	0	0
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour Maximum	54	54	53																			
	1-Hour Second Maximum	53	52	52																			
	# of Days Standard Exceeded	0	0	0																			
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour Maximum	31.3	44.2	30.5																			
	24-Hour Maximum	4.6	7.5	5.2																			
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum																						
	2nd Maximum																						
	3rd Maximum																						
	4th Maximum																						

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Maryland																								
		Lathrop E. Smith Environmental Education Center, Montgomery County Site ID 240313001			PG County Equestrian Center 14900 Pennsylvania Avenue, Prince George's County Site ID 240338003			Howard University 12003 Old Baltimore Pike, Prince George's County Site ID 240330030			Furley E.S. Recreational Center 4633 Furley Avenue, Baltimore City Site ID 24510054			Oldtown Fire Station 1100 Hillen Street, Baltimore, Baltimore City Site ID 24510040			Public Works Building 7409 Baltimore Annapolis Boulevard, Anne Arundel County Site ID 240031003			Baltimore City FD 20 5714 Eastern Avenue, Baltimore City Site ID 2451000008				
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015		
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum						1	1.5	1.5				2.4	1.7	2.4								
		2nd Maximum							0.9	1	1				2	1.6	2.2							
		# of Exceedences							0	0	0				0	0	0							
	8-Hour	Maximum							0.9	0.9	1				1.6	1.3	1.9							
		2nd Maximum							0.9	0.8	0.9				1.3	1	1.8							
		# of Exceedences							0	0	0				0	0	0							
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour						26	24	35							47	31	34	35	43	58		
		Second Maximum							25	21	29							27	29	33	31	41	42	
		# of Exceedences							0	0	0							0	0	0	0	0	0	
	PM <sub>2.5</sub>	Maximum 24-Hour	27.4	27.7	30.8	23.5	20.4	23.8	22.2	22	28.4				34.6	30.4	30	30.4	24.1	28.4	32	23.7	26.5	
		Mean Annual	8.1	9	9.7	7.5	7.8	8.4	7.8	7.8	8.9				9.1	9.2	9.9	9.1	9.1	10.2	9.4	9.3	10.3	
		# of Exceedences	0	0	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0	0	
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest	0.072	0.067	0.083	0.072	0.076	0.076	0.074	0.071	0.088	0.069	0.063	0.082										
		Second Highest	0.07	0.066	0.078	0.07	0.074	0.073	0.072	0.066	0.082	0.065	0.062	0.078										
		Third Highest	0.069	0.066	0.078	0.069	0.073	0.073	0.071	0.066	0.081	0.064	0.061	0.072										
		Fourth Highest	0.069	0.064	0.072	0.069	0.069	0.069	0.068	0.065	0.072	0.063	0.06	0.072										
		# of Days Standard Exceeded	0	0	3	0	1	1	0	0	3	0	0	2										
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour	Maximum							48	52	46				60	62	64							
		Second Maximum								43	48	45				57	60	61						
		# of Days Standard Exceeded								0	0	0				0	0	0						
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour	Maximum							12.3	17.8	11.1													
		24-Hour								2.9	5	3.2												
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum	1st Maximum							0.011	0.006	0.006													
		2nd Maximum							0.007	0.004	0.006													
		3rd Maximum							0.005	0.004	0.005													
		4th Maximum							0.004	0.003	0.005													

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Delaware		Route 9 Delaware City New Castle County Site ID 100031008			MLK Boulevard and Justison Street New Castle County Site ID 100032004			Lums Pond Park New Castle County Site ID 100031007			Brandywine Creek State Park New Castle County Site ID 100031010			Bellevue State Park New Castle County Site ID 100032004			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	2.2	1.2	1.5	1.7	1.7										
		2nd Maximum	1.9	1	1.5	1.6	1.4										
		# of Exceedences	0	0	0	0	0										
	8-Hour	Maximum	1	0.8	1.2	1.3	1.1										
		2nd Maximum	0.8	0.7	1.2	1.1	1										
		# of Exceedences	0	0	0	0	0										
	Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour														
			Mean Annual														
			# of Exceedences														
PM <sub>2.5</sub>		Maximum 24-Hour	27.4	58.4	27.2	36.6	29.9	30.5	24.7	24.5	25.3						
		Mean Annual	8.4	9.7	9	9.5	9.7	9.5	7.8	8.7	8.3						
		# of Exceedences	0	1	0	1	0	0	0	0	0						
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest				0.073	0.083	0.089	0.066	0.081	0.076	0.077	0.081	0.094	0.072	0.083	0.081
		Second Highest				0.07	0.079	0.083	0.065	0.078	0.067	0.072	0.078	0.082	0.07	0.081	0.07
		Third Highest				0.068	0.07	0.072	0.063	0.075	0.067	0.066	0.075	0.071	0.068	0.073	0.07
		Fourth Highest				0.067	0.068	0.072	0.062	0.071	0.065	0.065	0.074	0.071	0.067	0.069	0.069
		# of Days Standard Exceeded				0	2	2	0	2	1	1	2	2	0	2	1
Nitrogen Dioxide (NO <sub>2</sub> ) [ppm]	1-Hour	Maximum				53	59	52				34	43				
		Second Maximum				48	55	51				34	41				
		# of Days Standard Exceeded				0	0	0				0	0				
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour	Maximum	35.3	188.6	19.8	22.6	16.4	33.9	8.3	15.6	62.3			7.6	18.1	16	
		24-Hour	14	17.3	3.3	4.3	4.6	5.9	2.1	4.3	12.4			4	4.8	5.6	
Lead (Pb) [ug/m <sup>3</sup> ]	24-Hour	First Highest				0.006	0.007	0.012									
		Second Highest				0.006	0.005	0.01									
		Third Highest				0.006	0.005	0.007									
		Fourth Highest				0.005	0.004	0.006									

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Pennsylvania		Castor and Delaware Avenues Philadelphia County Site ID 421010449			Rockview Lane Bucks County Site ID 420170012			1501 E Lycoming Avenue Ams Lab Philadelphia County Site ID 42101004			5200 Pennypack Park Philadelphia County Site ID 421011002			Front St & Norris St Delaware County Site ID 420450002		
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum			2.5	1.9		2.4	2	2.1	1.6					
		2nd Maximum			2.4	1.8		2.3	1.7	2.1	1.6					
		# of Exceedences			0	0		0	0	0	0					
	8-Hour	Maximum			1.9	1.5		1.7	1.6	1.9	1.5					
		2nd Maximum			1.8	1.4		1.7	1.3	1.6	1.3					
		# of Exceedences			0	0		0	0	0	0					
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour	36	30				29						63	46	91
		Second Maximum	36	27				24						51	46	57
		# of Exceedences	0	0				0						0	0	0
	PM <sub>2.5</sub>	Maximum 24-Hour			46.4	35.4	51.1	39.2	20.7	27.5	31.1			30.9	27.9	28.3
		Mean Annual			11.6	10	11.5	9.2	9	9.7	9.7			10.7	10.5	11
		# of Exceedences			0	0	0	0	0	0	0			0	0	0
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest			0.077	0.094	0.091	0.058	0.079	0.067	0.076			0.076	0.083	0.085
		Second Highest			0.077	0.073	0.085	0.052	0.067	0.06	0.072			0.074	0.077	0.08
		Third Highest			0.076	0.072	0.083	0.047	0.06	0.058	0.071			0.074	0.075	0.078
		Fourth Highest			0.073	0.071	0.082	0.047	0.058	0.057	0.071			0.069	0.073	0.074
		# of Days Standard Exceeded			3	1	5	0	1	0	1			1	2	3
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour Maximum			47	52	54	59	68	83				69	48	61	
	1-Hour Second Maximum			36	46	47	56	64	72				56	48	58	
	# of Days Standard Exceeded			0	0	0	0	0	0				0	0	0	
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour Maximum			18	14	11	9.1	12.7		7.6			16	17	13	
	24-Hour Maximum			8.7	7.5	4.3	5.3	6.8		3.8			9.6	3.3	4.5	
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum										0.152	0.11	0.014	0.01	0.012	0.023
	2nd Maximum										0.092	0.094	0.011	0.01	0.012	0.015
	3rd Maximum										0.069	0.094	0.011	0.01	0.01	0.01
	4th Maximum										0.066	0.068	0.011	0.01	0.01	0.01

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New Jersey		360 Clinton Avenue Essex County Site ID 340130003			2828 Kennedy Boulevard Hudson County Site ID 340171002			7 Broad Street Union County Site ID 340390003			Consolidated Firehouse 355 Newark Avenue Hudson County Site ID 340171003			Interchange 13 New Jersey Turnpike Union County Site ID 340390004			Athletic Fields Route 206 South Mercer County Site ID 340210005			Horticultural Farm #3 off Ryder's Lane Middlesex County Site ID 340230011			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	5.2	3.1	2.8	2.8	3.3	3.4	2.4	2.8	3.6				2.3	2.2	2.8						
		2nd Maximum	3.1	3.1	2.7	2.7	2.5	2.1	2.4	2.7	2.6				2.2	2.2	2.4						
		# of Exceedences	0	0	0	0	0	0	0	0	0				0	0	0						
	8-Hour	Maximum	2.1	2.5	2	2.2	2.3	2	2.2	2.5	2.2				1.7	2	1.6						
		2nd Maximum	1.9	2.5	1.9	1.8	1.8	1.9	1.7	2.2	1.7				1.4	1.8	1.6						
		# of Exceedences	0	0	0	0	0	0	0	0	0				0	0	0						
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour		50								53	56	44									
		Second Maximum		47								43	38	43									
		# of Exceedences		0								0	0	0									
	PM <sub>2.5</sub>	Maximum 24-Hour	27.6	41.4	26.7							30.6	33.2	29.5	38	51.7	33.4						
		Mean Annual	8.7	9.2	8.9							10	9.4	9	10.7	10.2	10.2						
		# of Exceedences	0	2	0							0	0	0	1	4	0						
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest	0.078	0.075	0.074													0.075	0.076	0.084	0.074	0.095	0.081
		Second Highest	0.075	0.074	0.074													0.072	0.076	0.078	0.07	0.081	0.081
		Third Highest	0.07	0.072	0.073													0.071	0.074	0.077	0.07	0.073	0.078
		Fourth Highest	0.069	0.07	0.072													0.07	0.071	0.073	0.07	0.071	0.077
		# of Days Standard Exceeded	1	0	0													0	0	3	0	2	5
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour Maximum	80	83	78										82	85	135	NA			44	83	74	
	1-Hour Second Maximum	73	83	77										79	83	91	NA			44	60	54	
	# of Days Standard Exceeded	0	0	0										0	0	1	NA			0	0	0	
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour Maximum	9.6	13	8.8	9	11	8	12	10	9				22	109	42							
	24-Hour Maximum	4.3	6	4	5.3	6.3	3.3	4.3	4.6	3.4				7.1	7	7.4							
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum	0.011	0.013	0.011																			
	2nd Maximum	0.011	0.011	0.009																			
	3rd Maximum	0.01	0.011	0.008																			
	4th Maximum	0.007	0.008	0.008																			

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New York		200th Street and Southern Boulevard Pfizer Lab Bronx County Site ID 360050133			160 Convent Avenue New York County Site ID 360610135			Queens College 65-30 Kissena Boulevard Queens County Site ID 360810124			Republic Airport Suffolk County Site ID 361030005			I.S. 52 681 Kelly Street Bronx County Site ID 360050110			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	2.1	2.4	2.1	1.8	2.2	2.7	2	1.9	2.1						
		2nd Maximum	2	2.2	2	1.8	1.9	2.3	1.8	1.5	1.9						
		# of Exceedences	0	0	0	0	0	0	0	0	0						
	8-Hour	Maximum	1.5	1.5	1.6	1.5	1.6	1.8	1.4	1.1	1.4						
		2nd Maximum	1.3	1.3	1.6	1.2	1.3	1.5	1	1.1	1.4						
		# of Exceedences	0	0	0	0	0	0	0	0	0						
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour															
		Second Maximum															
		# of Exceedences															
	PM <sub>2.5</sub>	Maximum 24-Hour	28.7	28.1	26.5				30	24.8	29				29.7	28.3	26.1
		Mean Annual	9.1	9.3	9.6				8.4	7.8	8.1				9	8.7	9.2
		# of Exceedences	0	0	0				0	0	0				0	0	0
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest	0.076	0.08	0.081	0.073	0.079	0.077	0.08	0.077	0.081				0.074	0.079	0.078
		Second Highest	0.072	0.077	0.075	0.069	0.074	0.074	0.079	0.065	0.079				0.073	0.074	0.073
		Third Highest	0.07	0.072	0.074	0.063	0.072	0.073	0.072	0.064	0.076				0.072	0.073	0.065
		Fourth Highest	0.068	0.07	0.072	0.062	0.065	0.071	0.071	0.063	0.073				0.071	0.071	0.063
		# of Days Standard Exceeded	1	2	1	0	1	1	2	1	3				0	1	1
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour Maximum	73	61	78				81	71	98				86	75	122	
	1-Hour Second Maximum	73	60	71				63	63	82				73	72	76	
	# of Days Standard Exceeded	0	0	0				0	0	0				0	0	1	
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour Maximum	25.1	26.5	13.7				18.5	15.7	10.6				32.1	18.4	15.7	
	24-Hour Maximum	11.1	10.5	6.8				6.6	9.2	4.5				9.1	7.4	7.5	
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum										0.05						
	2nd Maximum										0.045						
	3rd Maximum										0.03						
	4th Maximum										0.026						

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New York																	
		NYSDEC Field Headquarters Gypsy Trail Road Putnam County Site ID 36079005			3059 Sound Avenue Suffolk County Site ID 361030004			White Plains Pump Station 240 Orchard Street Westchester County Site ID 361192004			JHS 126 424 Leonard Street Kings County Site ID 360470122			Lawrence High School Nassau County Site ID 360590008			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum															
		2nd Maximum															
		# of Exceedences															
	8-Hour	Maximum															
		2nd Maximum															
		# of Exceedences															
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour															
		Second Maximum															
		# of Exceedences															
	PM <sub>2.5</sub>	Maximum 24-Hour										32.1	26	27.2			
		Mean Annual										9.3	8.9	9.2			
		# of Exceedences										0	0	0			
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest	0.073	0.069	0.082	0.086	0.081	0.079	0.081	0.087	0.082						
		Second Highest	0.068	0.067	0.078	0.084	0.069	0.076	0.079	0.078	0.08						
		Third Highest	0.067	0.066	0.07	0.086	0.067	0.076	0.075	0.076	0.075						
		Fourth Highest	0.067	0.066	0.069	0.078	0.064	0.076	0.072	0.074	0.073						
		# of Days Standard Exceeded	0	0	2	6	1	4	2	3	2						
	# of Days Standard Exceeded																
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour Maximum																
	1-Hour Second Maximum																
	# of Days Standard Exceeded																
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour Maximum	10.3	10	9.4													
	24-Hour Maximum	2.5	3.2	4.5													
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum																
	2nd Maximum																
	3rd Maximum																
	4th Maximum																

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Connecticut		Roosevelt School Park Avenue Fairfield County Site ID 090010010			Sherwood Island State Park Fairfield County Site ID 090019003			Courthouse 155 Morgan Street Hartford County Site ID 090030017			Remington Road Hartford County Site ID 090031003			1 James Street New Haven County Site ID 090090027			141 Smith Street New London County Site ID 090110124			Route 190 Shenipsit State Forest Tolland County Site ID 090131001			80 Ayers Road Windham County Site ID 09015991			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	3.6	2.8	2.4	0.8			2.7			2.2	2.1	1.5	2.3	1.7	1.9									
		2nd Maximum	3.2	2.4	2.3	0.8			2.6			1.8	1.8	1.5	2	1.6	1.6									
		# of Exceedences	0	0	0	0			0			0	0	0	0	0	0									
	8-Hour	Maximum	1.9	1.5	2.1	0.7			1.9			1.3	1.5	1.1	1.6	1.4	1.3									
		2nd Maximum	1.8	1.4	1.8	0.7			1.7			1.2	1.3	1	1.4	1.3	1.3									
		# of Exceedences	0	0	0	0			0			0	0	0	0	0	0									
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour	45	35	49							28	25	27	34	38	40									
		Second Maximum	36	35	46							26	25	26	31	34	35									
		# of Exceedences	0	0	0							0	0	0	0	0	0									
	PM <sub>2.5</sub>	Maximum 24-Hour	31.6	27.2	28.8	25.3	25	25				35.1	29.7	25.8	35.1	34.1	25.9									
		Mean Annual	8.7	8.7	9.5	7.7	7.5	8				7.7	7.1	7.2	8.8	8	7.9									
		# of Exceedences	0	0	0	0	0	0				1	0	0	1	0	0									
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest				0.099	0.088	0.096				0.086	0.083	0.084	0.084	0.078	0.093	0.091	0.069	0.086	0.084	0.082	0.079	0.076	0.071	0.079
		Second Highest				0.095	0.084	0.092				0.078	0.082	0.079	0.077	0.076	0.088	0.09	0.067	0.08	0.083	0.081	0.079	0.072	0.07	0.073
		Third Highest				0.087	0.082	0.092				0.077	0.077	0.076	0.077	0.075	0.084	0.086	0.065	0.079	0.082	0.077	0.074	0.072	0.068	0.072
		Fourth Highest				0.086	0.081	0.087				0.077	0.077	0.075	0.075	0.072	0.081	0.085	0.065	0.077	0.081	0.077	0.072	0.069	0.067	0.07
		# of Days Standard Exceeded				12	7	10				4	5	3	3	2	6	6	0	6	5	5	2	1	0	1
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour Maximum				51	54					53	60	63	76	64	80										
	1-Hour Second Maximum				50	53					48	60	60	65	61	78										
	# of Days Standard Exceeded				0	0					0	0	0	0	0	0										
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour Maximum				14.1	8.2					10.7	8.4	6.4	26.2	19.7	7.1										
	24-Hour Maximum				6	4.6					4.3	4.2	3.8	8	5.5	3.4										
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum													0.256	0.019	0.017										
	2nd Maximum													0.109	0.016	0.01										
	3rd Maximum													0.092	0.014	0.008										
	4th Maximum													0.076	0.012	0.008										

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Rhode Island		Francis School 64 Bourne Avenue Providence County Site ID 440071010			Rockefeller Library Prospect Street Providence County Site ID 440070012			W. Alton Jones Campus Kent County Site ID 440030002			Tarzwell Road Washington County Site ID 440090007			212 Prairie Avenue Providence County Site ID 44070022			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	2.2	1.6	1.7												
		2nd Maximum	2	1.6	1.7												
		# of Exceedences	0	0	0												
	8-Hour	Maximum	1.3	1.3	1.1												
		2nd Maximum	1.3	1.2	1												
		# of Exceedences	0	0	0												
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour						18	15	28				28	31	33	
		Second Maximum							17	14	22				27	30	33
		# of Exceedences							0	0	0				0	0	0
	PM <sub>2.5</sub>	Maximum 24-Hour	31.6	43.8	22.7				16.8	11.4	21				28.5	43.5	36.7
		Mean Annual	7.6	7	6.8				6.3	5.1	6				7.3	6.8	6.7
		# of Exceedences	0	1	0				0	0	0				0	1	1
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest	0.085	0.073	0.089				0.083	0.069	0.092	0.093	0.071	0.084			
		Second Highest	0.08	0.07	0.075				0.081	0.069	0.074	0.082	0.066	0.078			
		Third Highest	0.078	0.068	0.073				0.073	0.069	0.072	0.08	0.066	0.077			
		Fourth Highest	0.076	0.064	0.071				0.073	0.067	0.07	0.079	0.063	0.077			
		# of Days Standard Exceeded	5	0	1				2	0	1	4	0	4			
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour	Maximum	55	43	49	58	50	68	17	22	13						
		Second Maximum	45	42	46	58	47	62	9	15	11						
		# of Days Standard Exceeded	0	0	0	0	0	0	0	0	0						
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour	Maximum	17.1	14.1	16.5	10.1	11.4	13.6									
		24-Hour	5.9	5	2.6	4.6	4.4	3.5									
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum	1st Maximum	0.016	0.016	0.015												
		2nd Maximum	0.013	0.015	0.015												
		3rd Maximum	0.013	0.012	0.015												
		4th Maximum	0.012	0.011	0.014												

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Massachusetts		Kenmore Square Suffolk County Site ID 250250002			Harrison Avenue Suffolk County Site ID 250250042			695 Hillside Street Norfolk County Site ID 250213003			60 Sconticut Road Bristol County Site ID 250051002			One City Square Suffolk County Site ID 25020027			659 Globe Street Bristol County Site ID 250051004			
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	1.5	1.5	0.4	2	1.9	1.4												
		2nd Maximum	1.3	1.3	0.4	1.8	1.7	1.3												
		# of Exceedences	0	0	0	0	0	0												
	8-Hour	Maximum	1	1.1	0.3	1.3	1.4	0.9												
		2nd Maximum	0.9	0.9	0.3	1.1	1.1	0.9												
		# of Exceedences	0	0	0	0	0	0												
Particulate Matter [ug/m <sup>3</sup> ]	PM <sub>10</sub>	Maximum 24-Hour	68	78	33	31	69	32							40	69				
		Second Maximum	50	53	30	25	61	26							40	66				
		# of Exceedences	0	0	0	0	0	0							0	0				
	PM <sub>2.5</sub>	Maximum 24-Hour	18.2	16.6	17.9	18.6	15.9	20.7		17.7	20.3				19.4	17.3		19.7	13.9	21.7
		Mean Annual	8	6	6.5	7.4	5.9	6.1		6.1	5				7.8	6		6.9	4.9	5.7
		# of Exceedences	0	0	0	0	0	0		0	0				0	0		0	0	0
Ozone (O <sub>3</sub> ) [ppm]	8-Hour	First Highest				0.071	0.056	0.078	0.075	0.072	0.088							0.09	0.065	0.077
		Second Highest				0.061	0.054	0.059	0.074	0.071	0.072							0.08	0.064	0.073
		Third Highest				0.06	0.054	0.057	0.072	0.068	0.068							0.079	0.061	0.072
		Fourth Highest				0.059	0.054	0.056	0.071	0.067	0.067							0.078	0.06	0.07
		# of Days Standard Exceeded				0	0	1	0	0	1							4	0	1
Nitrogen Dioxide (NO <sub>2</sub> ) [100 ppb]	1-Hour Maximum	56	52	61	58	62	60	33	42	39										
	1-Hour Second Maximum	54	52	60	57	60	57	29	41	39										
	# of Days Standard Exceeded	0	0	0	0	0	0	0	0	0										
Sulfur Dioxide (SO <sub>2</sub> ) [ppm]	1-Hour Maximum	16.3	15.5	10.1	14.5	28.4	12.4										137.1	16.2	21.2	
	24-Hour Maximum	7.1	6.1	2.9	5.3	7.7	4.6										16.3	5.5	4	
Lead (Pb) [ug/m <sup>3</sup> ]	1st Maximum				0.007	0.014	0.016													
	2nd Maximum				0.007	0.01	0.008													
	3rd Maximum				0.007	0.008	0.007													
	4th Maximum				0.007	0.007	0.007													

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