US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for South Carolina: For Review Only

The purpose of presenting these estimates is to provide additional information for State, local, and tribal organization review of the draft 1999 NEI for HAPs posted October 2002. EPA strongly cautions that these model estimates should not be used to draw conclusions about air quality or risk. They should also not be used for comparison with 1996 NATA results to perform trends analysis because, in addition to being draft, changes have been made to emission inventory and processing methodologies.

See www.epa.gov/ttn/chief/net/index.html#1999 for more information on the draft 1999 NEI for HAPs.

Please also note:

- The general approach for emission inventory development and modeling is similar to that used for the National-Scale Assessment for 1996
  For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm
- The emission processing and modeling procedures utilize 1999 meteorology, 1999 emissions and updated and new spatial information including the 2000 census for population and census tract centroid location
  Background concentrations are the same as those used in the 1996 NATA.
- For formaldehyde and acetaldehyde, secondary contributions were estimated outside of the ASPEN model using the same proportion of secondary to primary concentrations as was used in the 1996 NATA assessment.
- Because the emissions used are from 1999, they do not reflect potentially significant emission reductions that have taken effect since then, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Statewide	N/A	N/A	Acetaldehyde	7.97E-02	1.11E-01	1.78E-01	3.35E-01	4.76E-01	6.40E-01	9.59E-01	1.27E+00	1.01E-01	1.35E-02	3.04E-01	5.81E-02	0.00E+00
South Carolina	Statewide	N/A	N/A	Acrolein	2.19E-02	2.55E-02	3.35E-02	5.04E-02	5.76E-02	7.73E-02	1.04E-01	1.14E-01	6.51E-04	1.62E-02	3.36E-02	7.15E-03	0.00E+00
South Carolina	Statewide	N/A	N/A	Acrylonitrile	1.71E-05	3.33E-05	8.49E-05	2.35E-04	3.52E-03	1.04E-03	1.20E-02	1.89E-02	3.16E-03	3.58E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Arsenic Compounds	1.68E-05	2.68E-05	4.75E-05	1.02E-04	2.14E-04	2.49E-04	5.70E-04	8.14E-04	1.49E-04	2.56E-05	3.08E-05	8.46E-06	0.00E+00
South Carolina	Statewide	N/A	N/A	Benzene	6.14E-01	6.41E-01	7.51E-01	9.66E-01	1.09E+00	1.28E+00	1.68E+00	1.96E+00	1.49E-02	1.08E-01	3.93E-01	9.09E-02	4.80E-01
South Carolina	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-13	0.00E+00	0.00E+00	9.16E-13	0.00E+00	1.73E-13	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Beryllium Compounds	8.74E-07	1.16E-06	1.97E-06	3.75E-06	6.51E-06	7.82E-06	1.34E-05	1.79E-05	2.45E-06	3.57E-06	0.00E+00	4.94E-07	0.00E+00
South Carolina	Statewide	N/A	N/A	1,3-Butadiene	5.81E-03	6.65E-03	1.10E-02	2.12E-02	3.42E-02	4.00E-02	7.58E-02	1.14E-01	1.12E-04	2.53E-03	2.41E-02	7.44E-03	0.00E+00
South Carolina	Statewide	N/A	N/A	Cadmium Compounds	2.27E-06	3.08E-06	5.30E-06	1.20E-05	1.69E-05	2.01E-05	3.36E-05	4.54E-05	8.05E-06	8.09E-06	0.00E+00	7.07E-07	0.00E+00
South Carolina	Statewide	N/A	N/A	Carbon Disulfide	4.71E-02	4.73E-02	4.78E-02	4.86E-02	5.08E-02	5.07E-02	5.53E-02	6.02E-02	1.69E-03	2.09E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.82E-01	8.86E-01	8.88E-01	2.02E-03	1.42E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Statewide	N/A	N/A	Chloroform	8.50E-02	8.67E-02	9.25E-02	1.01E-01	1.08E-01	1.18E-01	1.38E-01	1.51E-01	1.06E-02	1.48E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	1.76E-05	2.71E-05	5.79E-05	1.54E-04	2.81E-04	3.16E-04	5.44E-04	8.41E-04	7.61E-05	1.78E-04	2.45E-05	2.01E-06	0.00E+00
South Carolina	Statewide	N/A	N/A	Chromium VI	5.68E-06	9.55E-06	1.93E-05	4.94E-05	9.53E-05	1.00E-04	1.83E-04	2.86E-04	2.07E-05	6.41E-05	9.78E-06	6.82E-07	0.00E+00
South Carolina	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	1,4-Dichlorobenzene	2.76E-03	3.58E-03	6.75E-03	1.62E-02	1.94E-02	3.01E-02	3.89E-02	4.22E-02	1.49E-05	1.94E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	1,3-Dichloropropene	5.15E-03	6.91E-03	1.30E-02	3.18E-02	3.87E-02	6.03E-02	7.72E-02	8.50E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.01E-07	4.28E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.13E-02	6.16E-02	6.18E-02	1.96E-04	5.39E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Statewide	N/A	N/A	Ethylene Oxide	3.81E-05	6.45E-05	1.49E-04	5.77E-04	1.91E-03	1.68E-03	3.44E-03	5.04E-03	1.93E-04	1.72E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Formaldehyde	3.65E-01	3.86E-01	4.44E-01	5.53E-01	6.31E-01	7.31E-01	9.60E-01	1.15E+00	2.39E-02	6.58E-02	2.04E-01	8.70E-02	2.50E-01
South Carolina	Statewide	N/A	N/A	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.36E-05	9.39E-05	9.43E-05	9.45E-05	2.78E-09	6.09E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Statewide	N/A	N/A	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	6.27E-09	7.35E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	1.58E-06	3.90E-05	1.65E-05	7.69E-05	1.99E-04	1.62E-05	2.28E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Hydrazine	2.75E-12	1.04E-11	3.24E-10	2.25E-09	2.70E-06	1.97E-08	2.45E-07	5.94E-06	4.46E-09	2.70E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Lead Compounds	8.91E-05	1.62E-04	3.18E-04	6.49E-04	1.16E-03	1.29E-03	2.55E-03	3.78E-03	4.20E-04	2.13E-04	0.00E+00	5.26E-04	0.00E+00
South Carolina	Statewide	N/A	N/A	Manganese Compounds	4.75E-05	7.82E-05	1.94E-04	3.44E-04	1.25E-03	8.37E-04	1.74E-03	2.76E-03	8.00E-04	4.44E-04	7.79E-06	2.83E-06	0.00E+00
South Carolina	Statewide	N/A	N/A	Mercury Compounds	1.51E-03	1.52E-03	1.53E-03	1.55E-03	1.59E-03	1.59E-03	1.65E-03	1.72E-03	1.78E-05	3.22E-05	3.16E-05	7.81E-06	1.50E-03
South Carolina	Statewide	N/A	N/A	Methylene Chloride	1.64E-01	1.70E-01	1.92E-01	2.40E-01	3.67E-01	3.26E-01	4.38E-01	5.50E-01	1.09E-01	1.08E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Statewide	N/A	N/A	Nickel Compounds	2.78E-05	3.46E-05	6.26E-05	1.26E-04	3.76E-04	4.03E-04	8.23E-04	1.25E-03	1.06E-04	2.02E-04	1.82E-05	4.91E-05	0.00E+00
South Carolina	Statewide	N/A	N/A	Perchloroethylene	1.44E-01	1.46E-01	1.53E-01	1.70E-01	1.88E-01	2.02E-01	2.57E-01	2.99E-01	1.93E-03	4.57E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.86E-04	3.93E-04	4.05E-04	4.31E-04	4.51E-04	4.91E-04	5.34E-04	5.63E-04	1.46E-08	7.14E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Statewide	N/A	N/A	Polycyclic Organic Matter	7.89E-03	1.04E-02	1.70E-02	3.41E-02	3.90E-02	5.40E-02	6.97E-02	8.46E-02	4.03E-03	2.46E-02	8.58E-03	1.74E-03	0.00E+00
South Carolina	Statewide	N/A	N/A	7-PAH	4.61E-04	5.96E-04	8.10E-04	1.23E-03	1.40E-03	1.87E-03	2.38E-03	2.80E-03	3.12E-07	1.32E-03	5.61E-05	2.61E-05	0.00E+00
South Carolina	Statewide	N/A	N/A	Propylene Dichloride	1.12E-06	2.18E-06	5.10E-06	1.09E-05	2.60E-05	2.14E-05	4.68E-05	7.99E-05	7.90E-06	1.81E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Quinoline	1.60E-10	5.51E-10	1.51E-08	7.52E-08	3.72E-07	2.23E-07	6.74E-07	1.18E-06	0.00E+00	3.72E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	1.79E-06	8.36E-06	2.71E-05	6.22E-05	1.92E-04	1.49E-04	3.40E-04	5.91E-04	7.13E-05	1.21E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Statewide	N/A	N/A	Trichloroethylene	8.20E-02	8.27E-02	8.52E-02	9.14E-02	9.98E-02	1.06E-01	1.22E-01	1.36E-01	3.09E-03	1.57E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Statewide	N/A	N/A	Vinyl Chloride	1.16E-05	3.07E-05	7.56E-05	1.73E-04	7.78E-04	4.87E-04	1.69E-03	3.24E-03	1.76E-04	6.03E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Acetaldehyde	1.67E-01	2.17E-01	3.21E-01	5.26E-01	6.30E-01	7.82E-01	1.14E+00	1.50E+00	1.20E-01	1.36E-02	4.17E-01	8.01E-02	0.00E+00
South Carolina	All Urban Counties	N/A	U	Acrolein	3.02E-02	3.75E-02	5.10E-02	6.75E-02	7.24E-02	9.49E-02	1.11E-01	1.24E-01	8.13E-04	1.71E-02	4.50E-02	9.57E-03	0.00E+00
South Carolina	All Urban Counties	N/A	U	Acrylonitrile	7.27E-05	1.16E-04	2.07E-04	4.75E-04	5.70E-03	6.46E-03	1.73E-02	2.31E-02	5.16E-03	5.36E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Arsenic Compounds	4.11E-05	6.06E-05	9.66E-05	1.72E-04	3.10E-04	3.96E-04	7.61E-04	9.31E-04	2.24E-04	3.43E-05	4.01E-05	1.14E-05	0.00E+00
South Carolina	All Urban Counties	N/A	U	Benzene	7.18E-01	7.95E-01	9.55E-01	1.15E+00	1.28E+00	1.49E+00	1.91E+00	2.16E+00	2.37E-02	1.29E-01	5.27E-01	1.17E-01	4.80E-01
South Carolina	All Urban Counties	N/A	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-13	0.00E+00	0.00E+00	1.28E-12	0.00E+00	2.19E-13	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Beryllium Compounds	1.51E-06	2.18E-06	3.46E-06	6.12E-06	8.94E-06	1.06E-05	1.61E-05	2.08E-05	3.26E-06	5.05E-06	0.00E+00	6.29E-07	0.00E+00
South Carolina	All Urban Counties	N/A	U	1,3-Butadiene	8.22E-03	1.09E-02	1.63E-02	3.07E-02	4.48E-02	5.14E-02	1.02E-01	1.36E-01	1.86E-04	2.19E-03	3.24E-02	1.01E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	All Urban Counties	N/A	U	Cadmium Compounds	4.74E-06	6.56E-06	1.03E-05	1.66E-05	2.17E-05	2.36E-05	3.92E-05	5.41E-05	1.02E-05	1.06E-05	0.00E+00	9.79E-07	0.00E+00
South Carolina	All Urban Counties	N/A	U	Carbon Disulfide	4.74E-02	4.75E-02	4.79E-02	4.87E-02	5.12E-02	5.10E-02	5.58E-02	6.06E-02	1.67E-03	2.56E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.82E-01	8.86E-01	8.88E-01	1.80E-03	1.92E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	All Urban Counties	N/A	U	Chloroform	8.85E-02	9.13E-02	9.72E-02	1.05E-01	1.13E-01	1.24E-01	1.41E-01	1.54E-01	1.00E-02	1.97E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	4.83E-05	7.49E-05	1.48E-04	2.40E-04	3.71E-04	4.00E-04	6.28E-04	1.03E-03	9.24E-05	2.43E-04	3.27E-05	2.89E-06	0.00E+00
South Carolina	All Urban Counties	N/A	U	Chromium VI	1.41E-05	2.19E-05	4.36E-05	7.39E-05	1.13E-04	1.23E-04	2.12E-04	3.02E-04	1.32E-05	8.59E-05	1.31E-05	9.82E-07	0.00E+00
South Carolina	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	1,4-Dichlorobenzene	5.64E-03	7.88E-03	1.51E-02	2.52E-02	2.59E-02	3.49E-02	4.10E-02	4.67E-02	1.86E-05	2.59E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	1,3-Dichloropropene	1.05E-02	1.51E-02	2.93E-02	5.00E-02	5.16E-02	7.02E-02	8.20E-02	9.47E-02	0.00E+00	5.16E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.33E-07	4.95E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	6.16E-02	6.18E-02	1.84E-04	7.33E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	All Urban Counties	N/A	U	Ethylene Oxide	8.79E-05	1.53E-04	4.28E-04	1.11E-03	2.81E-03	2.32E-03	4.52E-03	9.70E-03	2.21E-04	2.59E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Formaldehyde	4.26E-01	4.61E-01	5.39E-01	6.69E-01	7.33E-01	8.29E-01	1.10E+00	1.31E+00	1.79E-02	6.96E-02	2.74E-01	1.22E-01	2.50E-01
South Carolina	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.33E-05	9.36E-05	9.37E-05	9.40E-05	9.43E-05	9.45E-05	3.91E-09	6.54E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	All Urban Counties	N/A	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.14E-09	1.02E-07	0.00E+00	0.00E+00	1.80E-03
South Carolina	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	2.36E-07	1.43E-06	9.53E-06	6.36E-05	4.34E-05	1.36E-04	4.01E-04	2.61E-05	3.75E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Hydrazine	1.77E-12	8.26E-12	2.41E-10	1.89E-09	4.26E-06	2.01E-08	3.06E-07	1.84E-05	7.25E-09	4.25E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Lead Compounds	2.94E-04	3.63E-04	5.89E-04	9.26E-04	1.60E-03	1.74E-03	3.25E-03	4.83E-03	6.62E-04	2.57E-04	0.00E+00	6.86E-04	0.00E+00
South Carolina	All Urban Counties	N/A	U	Manganese Compounds	7.12E-05	1.09E-04	2.05E-04	3.19E-04	7.54E-04	7.05E-04	1.70E-03	2.34E-03	3.80E-04	3.59E-04	1.04E-05	4.35E-06	0.00E+00
South Carolina	All Urban Counties	N/A	U	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.58E-03	1.62E-03	1.62E-03	1.69E-03	1.85E-03	2.55E-05	4.79E-05	4.03E-05	1.06E-05	1.50E-03
South Carolina	All Urban Counties	N/A	U	Methylene Chloride	1.79E-01	1.92E-01	2.26E-01	2.78E-01	3.38E-01	3.75E-01	4.76E-01	6.09E-01	3.74E-02	1.51E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	All Urban Counties	N/A	U	Nickel Compounds	4.78E-05	6.66E-05	1.12E-04	2.80E-04	5.64E-04	6.37E-04	1.10E-03	1.93E-03	1.39E-04	3.21E-04	2.43E-05	8.00E-05	0.00E+00
South Carolina	All Urban Counties	N/A	U	Perchloroethylene	1.49E-01	1.55E-01	1.67E-01	1.88E-01	2.03E-01	2.20E-01	2.76E-01	3.13E-01	2.73E-03	6.06E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.84E-04	3.88E-04	4.10E-04	4.46E-04	4.57E-04	4.99E-04	5.35E-04	5.58E-04	1.59E-08	7.69E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.60E-02	2.12E-02	3.29E-02	4.75E-02	4.87E-02	6.17E-02	7.66E-02	8.57E-02	3.73E-03	3.10E-02	1.14E-02	2.46E-03	0.00E+00
South Carolina	All Urban Counties	N/A	U	7-PAH	4.28E-04	5.98E-04	1.06E-03	1.56E-03	1.60E-03	2.08E-03	2.55E-03	3.02E-03	4.34E-07	1.49E-03	7.39E-05	3.52E-05	0.00E+00
South Carolina	All Urban Counties	N/A	U	Propylene Dichloride	3.56E-06	5.02E-06	9.42E-06	1.62E-05	3.58E-05	2.96E-05	6.44E-05	1.04E-04	1.07E-05	2.51E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Quinoline	9.24E-11	4.37E-10	1.19E-08	5.21E-08	3.81E-07	2.13E-07	6.92E-07	1.18E-06	0.00E+00	3.81E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	2.15E-05	3.16E-05	5.32E-05	9.60E-05	2.76E-04	2.14E-04	4.90E-04	7.91E-04	9.77E-05	1.78E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Urban Counties	N/A	U	Trichloroethylene	8.46E-02	8.60E-02	9.03E-02	1.00E-01	1.08E-01	1.13E-01	1.30E-01	1.53E-01	4.67E-03	2.24E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	All Urban Counties	N/A	U	Vinyl Chloride	5.47E-05	8.18E-05	1.43E-04	2.75E-04	1.18E-03	1.19E-03	2.54E-03	4.72E-03	2.41E-04	9.37E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Acetaldehyde	6.34E-02	7.59E-02	1.14E-01	1.70E-01	2.48E-01	2.78E-01	4.09E-01	5.48E-01	7.16E-02	1.34E-02	1.37E-01	2.54E-02	0.00E+00
South Carolina	All Rural Counties	N/A	R	Acrolein	1.99E-02	2.17E-02	2.60E-02	3.28E-02	3.56E-02	4.14E-02	5.17E-02	5.98E-02	4.11E-04	1.48E-02	1.68E-02	3.57E-03	0.00E+00
South Carolina	All Rural Counties	N/A	R	Acrylonitrile	6.66E-06	1.38E-05	3.43E-05	7.90E-05	2.91E-04	1.75E-04	4.15E-04	9.87E-04	1.98E-04	9.33E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Arsenic Compounds	1.25E-05	1.60E-05	2.84E-05	4.46E-05	7.22E-05	7.59E-05	1.53E-04	2.45E-04	3.82E-05	1.28E-05	1.71E-05	4.15E-06	0.00E+00
South Carolina	All Rural Counties	N/A	R	Benzene	5.89E-01	6.09E-01	6.51E-01	7.42E-01	8.06E-01	8.83E-01	1.09E+00	1.17E+00	1.71E-03	7.82E-02	1.94E-01	5.23E-02	4.80E-01
South Carolina	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-13	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Beryllium Compounds	6.87E-07	8.26E-07	1.22E-06	1.95E-06	2.91E-06	3.00E-06	5.77E-06	8.26E-06	1.24E-06	1.38E-06	0.00E+00	2.94E-07	0.00E+00
South Carolina	All Rural Counties	N/A	R	1,3-Butadiene	5.12E-03	5.67E-03	6.92E-03	1.14E-02	1.85E-02	2.36E-02	3.70E-02	4.96E-02	8.31E-07	3.05E-03	1.19E-02	3.54E-03	0.00E+00
South Carolina	All Rural Counties	N/A	R	Cadmium Compounds	1.63E-06	2.12E-06	3.23E-06	5.09E-06	9.61E-06	1.00E-05	2.19E-05	2.93E-05	4.93E-06	4.38E-06	0.00E+00	3.03E-07	0.00E+00
South Carolina	All Rural Counties	N/A	R	Carbon Disulfide	4.71E-02	4.71E-02	4.76E-02	4.83E-02	5.01E-02	5.06E-02	5.36E-02	5.87E-02	1.71E-03	1.39E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.83E-01	8.86E-01	8.89E-01	2.33E-03	6.92E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	All Rural Counties	N/A	R	Chloroform	8.44E-02	8.48E-02	8.75E-02	9.43E-02	1.02E-01	1.08E-01	1.28E-01	1.45E-01	1.15E-02	7.65E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	8.69E-06	1.47E-05	3.08E-05	5.47E-05	1.47E-04	1.05E-04	2.43E-04	4.71E-04	5.18E-05	8.24E-05	1.23E-05	7.00E-07	0.00E+00
South Carolina	All Rural Counties	N/A	R	Chromium VI	3.69E-06	5.47E-06	1.06E-05	1.93E-05	6.87E-05	4.01E-05	9.27E-05	2.47E-04	3.19E-05	3.16E-05	4.90E-06	2.38E-07	0.00E+00
South Carolina	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	1,4-Dichlorobenzene	2.10E-03	2.64E-03	3.84E-03	6.60E-03	9.80E-03	1.24E-02	2.40E-02	2.90E-02	9.40E-06	9.79E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	1,3-Dichloropropene	4.11E-03	5.04E-03	7.32E-03	1.28E-02	1.95E-02	2.46E-02	4.84E-02	5.89E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.26E-08	3.28E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.13E-02	6.16E-02	6.19E-02	2.14E-04	2.52E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	All Rural Counties	N/A	R	Ethylene Oxide	2.98E-05	3.81E-05	7.57E-05	1.59E-04	5.76E-04	4.70E-04	1.58E-03	2.53E-03	1.52E-04	4.24E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Formaldehyde	3.53E-01	3.62E-01	3.91E-01	4.39E-01	4.79E-01	5.25E-01	6.12E-01	6.82E-01	3.28E-02	6.01E-02	1.01E-01	3.52E-02	2.50E-01
South Carolina	All Rural Counties	N/A	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.37E-05	9.43E-05	9.46E-05	1.10E-09	5.42E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	All Rural Counties	N/A	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.39E-08	3.20E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	2.81E-07	3.12E-06	7.85E-06	1.47E-06	1.03E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Hydrazine	2.94E-11	1.17E-10	9.55E-10	3.24E-09	3.89E-07	1.87E-08	1.78E-07	1.12E-06	3.33E-10	3.89E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Lead Compounds	5.38E-05	7.69E-05	1.63E-04	3.07E-04	4.96E-04	5.58E-04	1.04E-03	1.45E-03	6.07E-05	1.48E-04	0.00E+00	2.87E-04	0.00E+00
South Carolina	All Rural Counties	N/A	R	Manganese Compounds	2.17E-05	4.70E-05	1.46E-04	4.98E-04	2.00E-03	9.41E-04	2.12E-03	4.24E-03	1.42E-03	5.70E-04	3.88E-06	5.70E-07	0.00E+00
South Carolina	All Rural Counties	N/A	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.61E-03	6.48E-06	9.02E-06	1.86E-05	3.61E-06	1.50E-03
South Carolina	All Rural Counties	N/A	R	Methylene Chloride	1.61E-01	1.63E-01	1.71E-01	1.93E-01	4.10E-01	2.38E-01	3.14E-01	4.19E-01	2.16E-01	4.42E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	All Rural Counties	N/A	R	Nickel Compounds	1.95E-05	2.57E-05	3.70E-05	6.38E-05	9.54E-05	1.08E-04	1.96E-04	2.94E-04	5.65E-05	2.66E-05	9.18E-06	3.15E-06	0.00E+00
South Carolina	All Rural Counties	N/A	R	Perchloroethylene	1.43E-01	1.44E-01	1.47E-01	1.53E-01	1.64E-01	1.61E-01	1.86E-01	2.45E-01	7.33E-04	2.36E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.93E-04	3.97E-04	4.03E-04	4.16E-04	4.43E-04	4.64E-04	5.30E-04	5.73E-04	1.27E-08	6.31E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	All Rural Counties	N/A	R	Polycyclic Organic Matter	6.56E-03	7.78E-03	1.11E-02	1.56E-02	2.46E-02	2.50E-02	4.29E-02	6.30E-02	4.48E-03	1.51E-02	4.32E-03	6.70E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	All Rural Counties	N/A	R	7-PAH	5.02E-04	5.91E-04	7.19E-04	9.18E-04	1.10E-03	1.32E-03	1.92E-03	2.32E-03	1.30E-07	1.06E-03	2.96E-05	1.25E-05	0.00E+00
South Carolina	All Rural Counties	N/A	R	Propylene Dichloride	3.76E-07	8.32E-07	2.44E-06	5.72E-06	1.15E-05	9.76E-06	1.97E-05	3.52E-05	3.73E-06	7.73E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Quinoline	1.07E-09	4.66E-09	2.71E-08	8.87E-08	3.58E-07	2.24E-07	6.71E-07	1.33E-06	0.00E+00	3.58E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	4.88E-08	4.81E-07	8.89E-06	2.69E-05	6.74E-05	5.26E-05	1.06E-04	1.73E-04	3.22E-05	3.52E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	All Rural Counties	N/A	R	Trichloroethylene	8.16E-02	8.19E-02	8.29E-02	8.50E-02	8.76E-02	8.88E-02	9.58E-02	1.03E-01	7.40E-04	5.86E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	All Rural Counties	N/A	R	Vinyl Chloride	2.11E-06	7.20E-06	3.31E-05	7.81E-05	1.86E-04	1.46E-04	2.88E-04	5.60E-04	7.94E-05	1.07E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Acetaldehyde	8.01E-02	8.01E-02	9.23E-02	1.17E-01	1.22E-01	1.33E-01	1.91E-01	1.91E-01	1.89E-03	1.82E-02	9.45E-02	7.05E-03	0.00E+00
South Carolina	Abbeville County	45001	R	Acrolein	2.74E-02	2.74E-02	2.97E-02	3.28E-02	3.24E-02	3.55E-02	3.60E-02	3.60E-02	2.16E-06	1.90E-02	1.16E-02	1.82E-03	0.00E+00
South Carolina	Abbeville County	45001	R	Acrylonitrile	4.97E-05	4.97E-05	5.36E-05	8.14E-05	1.25E-03	3.34E-03	3.87E-03	3.87E-03	1.17E-03	7.29E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Arsenic Compounds	1.06E-05	1.06E-05	1.60E-05	2.08E-05	1.97E-05	2.15E-05	2.85E-05	2.85E-05	4.54E-06	3.57E-06	9.81E-06	1.76E-06	0.00E+00
South Carolina	Abbeville County	45001	R	Benzene	6.39E-01	6.39E-01	6.41E-01	6.92E-01	6.85E-01	7.14E-01	7.35E-01	7.35E-01	1.36E-05	8.23E-02	1.05E-01	1.77E-02	4.80E-01
South Carolina	Abbeville County	45001	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Beryllium Compounds	6.87E-07	6.87E-07	7.29E-07	1.13E-06	1.10E-06	1.43E-06	1.46E-06	1.46E-06	1.92E-07	6.17E-07	0.00E+00	2.86E-07	0.00E+00
South Carolina	Abbeville County	45001	R	1,3-Butadiene	6.31E-03	6.31E-03	6.34E-03	7.32E-03	9.09E-03	1.36E-02	1.36E-02	1.36E-02	0.00E+00	4.28E-03	4.21E-03	5.93E-04	0.00E+00
South Carolina	Abbeville County	45001	R	Cadmium Compounds	1.51E-06	1.51E-06	1.75E-06	2.50E-06	2.34E-06	2.83E-06	2.96E-06	2.96E-06	5.12E-07	1.54E-06	0.00E+00	2.85E-07	0.00E+00
South Carolina	Abbeville County	45001	R	Carbon Disulfide	4.79E-02	4.79E-02	4.80E-02	4.80E-02	4.82E-02	4.84E-02	4.87E-02	4.87E-02	4.88E-07	1.17E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Abbeville County	45001	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.46E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Abbeville County	45001	R	Chloroform	8.51E-02	8.51E-02	8.54E-02	8.63E-02	8.65E-02	8.72E-02	8.84E-02	8.84E-02	3.92E-07	3.46E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Abbeville County	45001	R	Chromium Compounds (includes Hexavalent)	3.68E-05	3.68E-05	3.90E-05	5.18E-05	5.29E-05	6.81E-05	7.01E-05	7.01E-05	3.23E-05	1.37E-05	6.65E-06	2.46E-07	0.00E+00
South Carolina	Abbeville County	45001	R	Chromium VI	1.21E-05	1.21E-05	1.29E-05	1.61E-05	1.58E-05	1.85E-05	1.93E-05	1.93E-05	1.11E-05	2.00E-06	2.66E-06	8.36E-08	0.00E+00
South Carolina	Abbeville County	45001	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	1,4-Dichlorobenzene	3.71E-03	3.71E-03	3.94E-03	5.88E-03	5.46E-03	6.62E-03	6.71E-03	6.71E-03	2.61E-08	5.46E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	1,3-Dichloropropene	7.02E-03	7.02E-03	7.46E-03	1.12E-02	1.05E-02	1.30E-02	1.32E-02	1.32E-02	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.96E-09	2.87E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Abbeville County	45001	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.50E-07	1.32E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Abbeville County	45001	R	Ethylene Oxide	5.76E-05	5.76E-05	9.66E-05	1.19E-04	1.23E-04	1.38E-04	2.08E-04	2.08E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Formaldehyde	3.76E-01	3.76E-01	3.81E-01	4.13E-01	4.08E-01	4.30E-01	4.33E-01	4.33E-01	3.21E-05	7.91E-02	6.58E-02	1.28E-02	2.50E-01
South Carolina	Abbeville County	45001	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	3.54E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Abbeville County	45001	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.72E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Abbeville County	45001	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-06	1.82E-05	2.21E-05	2.21E-05	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Hydrazine	3.90E-09	3.90E-09	4.10E-09	4.29E-09	6.28E-09	8.75E-09	1.24E-08	1.24E-08	0.00E+00	6.28E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Lead Compounds	1.20E-04	1.20E-04	1.20E-04	1.50E-04	1.65E-04	2.23E-04	2.30E-04	2.30E-04	4.90E-06	2.35E-05	0.00E+00	1.37E-04	0.00E+00
South Carolina	Abbeville County	45001	R	Manganese Compounds	7.48E-06	7.48E-06	1.37E-05	1.57E-05	1.62E-05	1.79E-05	2.69E-05	2.69E-05	4.61E-06	9.40E-06	2.04E-06	1.95E-07	0.00E+00
South Carolina	Abbeville County	45001	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	5.61E-07	2.31E-06	1.10E-05	1.80E-06	1.50E-03
South Carolina	Abbeville County	45001	R	Methylene Chloride	1.65E-01	1.65E-01	1.66E-01	1.76E-01	1.74E-01	1.77E-01	1.81E-01	1.81E-01	2.69E-06	2.36E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Abbeville County	45001	R	Nickel Compounds	4.68E-05	4.68E-05	6.03E-05	6.69E-05	7.65E-05	9.33E-05	1.25E-04	1.25E-04	2.71E-06	6.85E-05	4.98E-06	3.29E-07	0.00E+00
South Carolina	Abbeville County	45001	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.47E-01	1.46E-01	1.48E-01	1.48E-01	1.48E-01	1.44E-07	6.31E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Abbeville County	45001	R	Polychlorinated Biphenyls	4.02E-04	4.02E-04	4.09E-04	4.18E-04	4.21E-04	4.37E-04	4.39E-04	4.39E-04	0.00E+00	4.07E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Abbeville County	45001	R	Polycyclic Organic Matter	1.17E-02	1.17E-02	1.26E-02	1.59E-02	1.53E-02	1.76E-02	1.79E-02	1.79E-02	6.95E-05	1.26E-02	2.38E-03	2.75E-04	0.00E+00
South Carolina	Abbeville County	45001	R	7-PAH	1.08E-03	1.08E-03	1.09E-03	1.17E-03	1.27E-03	1.54E-03	1.55E-03	1.55E-03	3.22E-09	1.25E-03	1.65E-05	4.45E-06	0.00E+00
South Carolina	Abbeville County	45001	R	Propylene Dichloride	3.82E-06	3.82E-06	5.17E-06	5.84E-06	5.96E-06	6.73E-06	8.36E-06	8.36E-06	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Quinoline	2.26E-07	2.26E-07	2.31E-07	2.55E-07	2.98E-07	3.72E-07	4.51E-07	4.51E-07	0.00E+00	2.98E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	1,1,2,2-Tetrachloroethane	1.13E-05	1.13E-05	1.86E-05	2.07E-05	2.58E-05	3.08E-05	5.26E-05	5.26E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Abbeville County	45001	R	Trichloroethylene	8.27E-02	8.27E-02	8.39E-02	8.42E-02	8.50E-02	8.61E-02	8.87E-02	8.87E-02	1.58E-03	2.39E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Abbeville County	45001	R	Vinyl Chloride	3.63E-05	3.63E-05	6.36E-05	7.23E-05	7.75E-05	8.31E-05	1.37E-04	1.37E-04	5.92E-06	7.16E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Acetaldehyde	1.32E-01	1.34E-01	2.47E-01	3.12E-01	4.82E-01	4.87E-01	9.34E-01	1.75E+00	2.73E-02	2.69E-02	3.98E-01	2.95E-02	0.00E+00
South Carolina	Aiken County	45003	U	Acrolein	2.77E-02	2.96E-02	4.04E-02	5.13E-02	5.92E-02	6.72E-02	9.39E-02	1.26E-01	2.83E-04	2.18E-02	3.31E-02	4.00E-03	0.00E+00
South Carolina	Aiken County	45003	U	Acrylonitrile	1.04E-04	1.18E-04	1.58E-04	1.92E-04	2.01E-04	2.47E-04	3.04E-04	3.36E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Arsenic Compounds	4.04E-05	4.63E-05	6.98E-05	7.72E-05	1.13E-04	1.52E-04	2.33E-04	2.35E-04	6.21E-05	1.41E-05	3.08E-05	6.24E-06	0.00E+00
South Carolina	Aiken County	45003	U	Benzene	6.36E-01	6.47E-01	7.75E-01	8.90E-01	1.05E+00	1.09E+00	1.47E+00	2.55E+00	2.51E-02	1.02E-01	4.01E-01	4.70E-02	4.80E-01
South Carolina	Aiken County	45003	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Beryllium Compounds	2.43E-06	2.79E-06	6.39E-06	8.52E-06	2.93E-05	1.15E-05	2.83E-05	2.98E-05	1.82E-06	2.70E-05	0.00E+00	4.61E-07	0.00E+00
South Carolina	Aiken County	45003	U	1,3-Butadiene	6.32E-03	7.14E-03	1.12E-02	1.63E-02	3.33E-02	3.43E-02	5.82E-02	1.81E-01	0.00E+00	3.73E-03	2.61E-02	3.45E-03	0.00E+00
South Carolina	Aiken County	45003	U	Cadmium Compounds	3.96E-06	4.51E-06	1.41E-05	1.90E-05	3.85E-05	2.72E-05	3.70E-05	3.71E-05	8.26E-06	2.98E-05	0.00E+00	4.59E-07	0.00E+00
South Carolina	Aiken County	45003	U	Carbon Disulfide	4.74E-02	4.74E-02	4.96E-02	5.02E-02	5.09E-02	5.28E-02	5.42E-02	5.60E-02	1.86E-03	2.06E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Aiken County	45003	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.83E-01	8.85E-01	8.86E-01	8.87E-01	2.65E-03	1.47E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Aiken County	45003	U	Chloroform	8.60E-02	8.61E-02	1.00E-01	1.11E-01	1.12E-01	1.20E-01	1.41E-01	1.45E-01	1.37E-02	1.58E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Aiken County	45003	U	Chromium Compounds (includes Hexavalent)	2.59E-05	2.65E-05	5.77E-05	6.51E-05	9.05E-05	1.34E-04	1.96E-04	2.01E-04	3.70E-05	2.83E-05	2.45E-05	7.31E-07	0.00E+00
South Carolina	Aiken County	45003	U	Chromium VI	7.80E-06	9.55E-06	2.50E-05	2.98E-05	3.85E-05	5.33E-05	8.29E-05	8.35E-05	1.50E-05	1.35E-05	9.79E-06	2.49E-07	0.00E+00
South Carolina	Aiken County	45003	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	1,4-Dichlorobenzene	3.96E-03	4.21E-03	9.38E-03	2.08E-02	1.87E-02	2.42E-02	3.38E-02	3.39E-02	3.21E-07	1.87E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	1,3-Dichloropropene	7.44E-03	8.00E-03	1.81E-02	4.14E-02	3.72E-02	4.83E-02	6.77E-02	6.78E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.39E-08	4.92E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Aiken County	45003	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.12E-02	6.12E-02	6.13E-02	6.15E-02	6.16E-02	6.16E-02	2.38E-04	3.09E-05	0.00E+00	0.00E+00	6.10E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Aiken County	45003	U	Ethylene Oxide	4.11E-05	5.60E-05	9.18E-04	1.60E-03	1.98E-03	2.17E-03	4.52E-03	4.89E-03	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Formaldehyde	3.88E-01	4.01E-01	5.12E-01	5.51E-01	6.51E-01	7.54E-01	8.41E-01	1.40E+00	1.53E-02	1.06E-01	2.30E-01	4.99E-02	2.50E-01
South Carolina	Aiken County	45003	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.33E-05	9.38E-05	9.37E-05	9.41E-05	9.41E-05	9.42E-05	0.00E+00	6.95E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Aiken County	45003	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	5.92E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Aiken County	45003	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	5.22E-07	9.39E-07	4.33E-08	8.86E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Hydrazine	2.52E-09	2.55E-09	1.64E-08	3.57E-08	6.72E-08	7.84E-08	1.77E-07	2.93E-07	0.00E+00	6.72E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Lead Compounds	3.55E-04	3.63E-04	5.96E-04	6.62E-04	7.26E-04	8.69E-04	1.03E-03	1.33E-03	2.48E-04	1.64E-04	0.00E+00	3.14E-04	0.00E+00
South Carolina	Aiken County	45003	U	Manganese Compounds	1.04E-04	2.92E-04	5.87E-04	8.96E-04	1.41E-03	1.81E-03	4.10E-03	4.55E-03	1.31E-03	9.58E-05	7.83E-06	6.44E-07	0.00E+00
South Carolina	Aiken County	45003	U	Mercury Compounds	1.59E-03	1.60E-03	1.84E-03	1.99E-03	2.14E-03	2.28E-03	2.69E-03	3.12E-03	2.74E-04	3.33E-04	3.15E-05	5.56E-06	1.50E-03
South Carolina	Aiken County	45003	U	Methylene Chloride	1.73E-01	1.78E-01	2.21E-01	2.64E-01	2.71E-01	3.02E-01	3.82E-01	3.92E-01	2.64E-03	1.18E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Aiken County	45003	U	Nickel Compounds	2.74E-05	3.01E-05	7.71E-05	9.33E-05	1.22E-04	1.40E-04	1.99E-04	2.13E-04	2.94E-05	7.30E-05	1.81E-05	1.09E-06	0.00E+00
South Carolina	Aiken County	45003	U	Perchloroethylene	1.55E-01	1.55E-01	1.69E-01	1.85E-01	2.03E-01	2.04E-01	2.32E-01	3.74E-01	3.86E-02	2.41E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Aiken County	45003	U	Polychlorinated Biphenyls	3.95E-04	3.96E-04	4.12E-04	4.76E-04	4.62E-04	5.11E-04	5.18E-04	5.29E-04	0.00E+00	8.21E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Aiken County	45003	U	Polycyclic Organic Matter	1.11E-02	1.21E-02	2.15E-02	3.88E-02	4.06E-02	5.55E-02	6.53E-02	8.49E-02	7.82E-03	2.32E-02	8.75E-03	8.63E-04	0.00E+00
South Carolina	Aiken County	45003	U	7-PAH	7.76E-04	9.07E-04	1.06E-03	1.47E-03	1.46E-03	1.86E-03	2.08E-03	2.08E-03	2.48E-08	1.40E-03	5.64E-05	9.77E-06	0.00E+00
South Carolina	Aiken County	45003	U	Propylene Dichloride	4.84E-06	5.74E-06	1.18E-05	1.41E-05	1.44E-05	1.77E-05	2.16E-05	2.43E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Quinoline	8.96E-08	1.01E-07	3.04E-07	4.56E-07	4.94E-07	6.59E-07	9.60E-07	1.12E-06	0.00E+00	4.94E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	1,1,2,2-Tetrachloroethane	3.64E-05	4.97E-05	6.24E-05	7.82E-05	8.63E-05	1.05E-04	1.30E-04	1.43E-04	0.00E+00	8.63E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Aiken County	45003	U	Trichloroethylene	8.64E-02	8.64E-02	9.10E-02	9.94E-02	1.07E-01	1.10E-01	1.32E-01	1.70E-01	1.20E-02	1.39E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Aiken County	45003	U	Vinyl Chloride	8.74E-05	1.18E-04	1.61E-04	1.90E-04	2.16E-04	2.56E-04	3.27E-04	3.69E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Acetaldehyde	4.01E-02	4.01E-02	4.01E-02	4.14E-02	4.80E-02	6.26E-02	6.26E-02	6.26E-02	7.04E-06	1.69E-02	2.32E-02	7.90E-03	0.00E+00
South Carolina	Allendale County	45005	R	Acrolein	1.88E-02	1.88E-02	1.88E-02	2.12E-02	2.30E-02	2.90E-02	2.90E-02	2.90E-02	2.27E-06	1.86E-02	3.45E-03	9.66E-04	0.00E+00
South Carolina	Allendale County	45005	R	Acrylonitrile	8.57E-06	8.57E-06	8.57E-06	1.41E-05	1.26E-05	1.50E-05	1.50E-05	1.50E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Arsenic Compounds	9.95E-06	9.95E-06	9.95E-06	1.13E-05	1.14E-05	1.31E-05	1.31E-05	1.31E-05	4.59E-06	1.38E-06	3.59E-06	1.88E-06	0.00E+00
South Carolina	Allendale County	45005	R	Benzene	5.49E-01	5.49E-01	5.49E-01	5.57E-01	5.66E-01	5.92E-01	5.92E-01	5.92E-01	1.59E-05	4.17E-02	3.40E-02	1.05E-02	4.80E-01
South Carolina	Allendale County	45005	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Beryllium Compounds	8.58E-07	8.58E-07	8.58E-07	1.01E-06	1.06E-06	1.31E-06	1.31E-06	1.31E-06	2.36E-07	2.27E-07	0.00E+00	5.97E-07	0.00E+00
South Carolina	Allendale County	45005	R	1,3-Butadiene	4.21E-03	4.21E-03	4.21E-03	5.78E-03	6.50E-03	9.51E-03	9.51E-03	9.51E-03	0.00E+00	4.24E-03	1.68E-03	5.80E-04	0.00E+00
South Carolina	Allendale County	45005	R	Cadmium Compounds	1.54E-06	1.54E-06	1.54E-06	1.63E-06	1.74E-06	2.04E-06	2.04E-06	2.04E-06	6.92E-07	4.50E-07	0.00E+00	5.96E-07	0.00E+00
South Carolina	Allendale County	45005	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.77E-02	4.75E-02	4.77E-02	4.77E-02	4.77E-02	9.51E-08	5.18E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Allendale County	45005	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.30E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Allendale County	45005	R	Chloroform	8.39E-02	8.39E-02	8.39E-02	8.40E-02	8.42E-02	8.45E-02	8.45E-02	8.45E-02	7.15E-07	1.15E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Allendale County	45005	R	Chromium Compounds (includes Hexavalent)	4.83E-06	4.83E-06	4.83E-06	4.99E-06	5.31E-06	6.10E-06	6.10E-06	6.10E-06	1.16E-06	1.68E-06	2.22E-06	2.49E-07	0.00E+00
South Carolina	Allendale County	45005	R	Chromium VI	2.54E-06	2.54E-06	2.54E-06	2.73E-06	2.78E-06	3.07E-06	3.07E-06	3.07E-06	9.43E-07	8.61E-07	8.93E-07	8.47E-08	0.00E+00
South Carolina	Allendale County	45005	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	1,4-Dichlorobenzene	1.64E-03	1.64E-03	1.64E-03	2.10E-03	2.23E-03	2.94E-03	2.94E-03	2.94E-03	6.86E-08	2.23E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	1,3-Dichloropropene	3.17E-03	3.17E-03	3.17E-03	4.11E-03	4.37E-03	5.82E-03	5.82E-03	5.82E-03	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.45E-08	1.29E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Allendale County	45005	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.93E-08	4.31E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Allendale County	45005	R	Ethylene Oxide	1.99E-05	1.99E-05	1.99E-05	2.95E-05	3.79E-05	6.44E-05	6.44E-05	6.44E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Formaldehyde	3.37E-01	3.37E-01	3.37E-01	3.53E-01	3.65E-01	4.06E-01	4.06E-01	4.06E-01	1.03E-02	7.49E-02	1.76E-02	1.26E-02	2.50E-01
South Carolina	Allendale County	45005	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.62E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Allendale County	45005	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.73E-09	0.00E+00	0.00E+00	1.80E-03
South Carolina	Allendale County	45005	R	Hexamethylene Diisocyanate	2.61E-07	2.61E-07	2.61E-07	2.68E-07	3.39E-07	4.89E-07	4.89E-07	4.89E-07	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Hydrazine	3.52E-09	3.52E-09	3.52E-09	4.87E-08	3.37E-08	4.88E-08	4.88E-08	4.88E-08	0.00E+00	3.37E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Lead Compounds	1.92E-04	1.92E-04	1.92E-04	2.88E-04	3.10E-04	4.51E-04	4.51E-04	4.51E-04	1.60E-04	1.39E-05	0.00E+00	1.37E-04	0.00E+00
South Carolina	Allendale County	45005	R	Manganese Compounds	7.78E-05	7.78E-05	7.78E-05	9.75E-05	9.10E-05	9.77E-05	9.77E-05	9.77E-05	1.66E-05	7.35E-05	6.77E-07	2.09E-07	0.00E+00
South Carolina	Allendale County	45005	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.55E-03	2.85E-05	5.61E-07	4.13E-06	2.27E-06	1.50E-03
South Carolina	Allendale County	45005	R	Methylene Chloride	1.60E-01	1.60E-01	1.60E-01	1.62E-01	1.64E-01	1.69E-01	1.69E-01	1.69E-01	7.14E-04	1.30E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Allendale County	45005	R	Nickel Compounds	1.78E-05	1.78E-05	1.78E-05	1.90E-05	2.16E-05	2.78E-05	2.78E-05	2.78E-05	1.51E-05	4.42E-06	1.68E-06	3.85E-07	0.00E+00
South Carolina	Allendale County	45005	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	2.62E-08	1.49E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Allendale County	45005	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.90E-04	3.94E-04	3.95E-04	4.02E-04	4.02E-04	4.02E-04	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Allendale County	45005	R	Polycyclic Organic Matter	3.81E-03	3.81E-03	3.81E-03	4.51E-03	4.90E-03	6.37E-03	6.37E-03	6.37E-03	1.08E-07	3.85E-03	7.95E-04	2.54E-04	0.00E+00
South Carolina	Allendale County	45005	R	7-PAH	5.79E-04	5.79E-04	5.79E-04	7.19E-04	7.69E-04	1.01E-03	1.01E-03	1.01E-03	5.25E-09	7.60E-04	5.43E-06	3.78E-06	0.00E+00
South Carolina	Allendale County	45005	R	Propylene Dichloride	8.56E-07	8.56E-07	8.56E-07	2.16E-06	1.75E-06	2.22E-06	2.22E-06	2.22E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Quinoline	5.42E-08	5.42E-08	5.42E-08	2.06E-07	1.56E-07	2.07E-07	2.07E-07	2.07E-07	0.00E+00	1.56E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	1,1,2,2-Tetrachloroethane	2.58E-06	2.58E-06	2.58E-06	2.97E-06	2.84E-06	2.97E-06	2.97E-06	2.97E-06	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Allendale County	45005	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.16E-02	8.17E-02	8.19E-02	8.19E-02	8.19E-02	0.00E+00	6.69E-04	0.00E+00	0.00E+00	8.10E-02
South Carolina	Allendale County	45005	R	Vinyl Chloride	8.96E-06	8.96E-06	8.96E-06	1.24E-05	1.16E-05	1.34E-05	1.34E-05	1.34E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Acetaldehyde	1.71E-01	1.79E-01	2.54E-01	3.16E-01	3.89E-01	4.29E-01	5.89E-01	7.91E-01	2.57E-02	3.69E-02	3.01E-01	2.58E-02	0.00E+00
South Carolina	Anderson County	45007	U	Acrolein	3.44E-02	3.55E-02	4.79E-02	5.53E-02	5.61E-02	6.08E-02	6.75E-02	7.95E-02	1.04E-04	1.47E-02	3.59E-02	5.44E-03	0.00E+00
South Carolina	Anderson County	45007	U	Acrylonitrile	6.20E-03	7.41E-03	1.03E-02	1.60E-02	2.71E-02	1.97E-02	3.24E-02	6.37E-02	2.68E-02	3.20E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Arsenic Compounds	2.97E-05	4.44E-05	6.70E-05	9.51E-05	9.30E-05	1.11E-04	1.31E-04	1.36E-04	3.53E-05	2.22E-05	2.97E-05	5.85E-06	0.00E+00
South Carolina	Anderson County	45007	U	Benzene	7.33E-01	7.77E-01	9.30E-01	1.03E+00	1.05E+00	1.11E+00	1.17E+00	1.29E+00	1.66E-04	1.57E-01	3.54E-01	5.95E-02	4.80E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Anderson County	45007	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Beryllium Compounds	1.10E-06	1.65E-06	2.40E-06	3.58E-06	3.86E-06	5.33E-06	6.10E-06	6.77E-06	1.79E-06	1.95E-06	0.00E+00	1.27E-07	0.00E+00
South Carolina	Anderson County	45007	U	1,3-Butadiene	6.85E-03	8.04E-03	1.10E-02	1.58E-02	2.18E-02	2.32E-02	3.28E-02	3.82E-02	4.30E-06	1.93E-03	1.65E-02	3.36E-03	0.00E+00
South Carolina	Anderson County	45007	U	Cadmium Compounds	3.14E-06	4.74E-06	6.51E-06	1.03E-05	1.06E-05	1.36E-05	1.53E-05	1.81E-05	4.83E-06	5.65E-06	0.00E+00	1.26E-07	0.00E+00
South Carolina	Anderson County	45007	U	Carbon Disulfide	4.78E-02	4.79E-02	4.81E-02	4.94E-02	5.40E-02	5.56E-02	6.75E-02	7.00E-02	7.55E-06	7.01E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Anderson County	45007	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	4.77E-08	1.85E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Anderson County	45007	U	Chloroform	8.69E-02	8.81E-02	9.05E-02	9.31E-02	9.33E-02	9.70E-02	9.90E-02	1.00E-01	2.35E-06	1.03E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Anderson County	45007	U	Chromium Compounds (includes Hexavalent)	8.95E-05	1.04E-04	1.58E-04	2.31E-04	2.24E-04	2.60E-04	3.06E-04	3.97E-04	8.89E-05	1.13E-04	2.19E-05	7.09E-07	0.00E+00
South Carolina	Anderson County	45007	U	Chromium VI	2.82E-05	3.59E-05	4.83E-05	6.10E-05	6.10E-05	7.15E-05	7.67E-05	1.00E-04	3.04E-05	2.16E-05	8.72E-06	2.41E-07	0.00E+00
South Carolina	Anderson County	45007	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	1,4-Dichlorobenzene	6.90E-03	9.03E-03	1.28E-02	1.98E-02	2.07E-02	3.06E-02	3.52E-02	3.69E-02	2.67E-06	2.07E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	1,3-Dichloropropene	1.32E-02	1.74E-02	2.48E-02	3.89E-02	4.08E-02	6.10E-02	7.04E-02	7.38E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	5.67E-08	1.69E-06	0.00E+00	0.00E+00	7.70E-03
South Carolina	Anderson County	45007	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	4.42E-06	6.44E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Anderson County	45007	U	Ethylene Oxide	1.19E-04	2.20E-04	3.11E-04	5.54E-04	1.04E-03	1.16E-03	1.60E-03	2.16E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Formaldehyde	4.19E-01	4.32E-01	4.91E-01	5.43E-01	5.87E-01	6.02E-01	6.86E-01	1.08E+00	1.39E-04	8.60E-02	2.05E-01	4.59E-02	2.50E-01
South Carolina	Anderson County	45007	U	Hexachlorobenzene	9.33E-05	9.34E-05	9.35E-05	9.39E-05	9.40E-05	9.44E-05	9.46E-05	9.46E-05	0.00E+00	9.64E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Anderson County	45007	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	7.73E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Anderson County	45007	U	Hexamethylene Diisocyanate	0.00E+00	2.62E-05	4.38E-05	6.40E-05	7.23E-05	7.55E-05	1.35E-04	2.24E-04	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Hydrazine	2.92E-09	4.65E-09	7.41E-09	5.61E-08	5.12E-07	5.68E-07	1.60E-06	1.83E-06	0.00E+00	5.12E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Lead Compounds	2.11E-04	3.67E-04	4.43E-04	7.61E-04	1.09E-03	1.15E-03	1.49E-03	2.59E-03	2.51E-04	1.10E-04	0.00E+00	7.32E-04	0.00E+00
South Carolina	Anderson County	45007	U	Manganese Compounds	2.63E-05	4.56E-05	6.34E-05	1.03E-04	9.48E-05	1.22E-04	1.36E-04	1.46E-04	3.86E-05	4.88E-05	6.82E-06	6.03E-07	0.00E+00
South Carolina	Anderson County	45007	U	Mercury Compounds	1.52E-03	1.52E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.63E-03	3.90E-06	1.28E-05	3.17E-05	4.83E-06	1.50E-03
South Carolina	Anderson County	45007	U	Methylene Chloride	1.82E-01	1.97E-01	2.21E-01	2.65E-01	2.86E-01	3.44E-01	4.15E-01	4.47E-01	3.86E-03	1.32E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Anderson County	45007	U	Nickel Compounds	4.19E-05	4.97E-05	6.60E-05	9.08E-05	1.10E-04	1.20E-04	2.19E-04	2.71E-04	1.97E-05	7.29E-05	1.63E-05	9.80E-07	0.00E+00
South Carolina	Anderson County	45007	U	Perchloroethylene	1.49E-01	1.50E-01	1.59E-01	1.68E-01	1.66E-01	1.75E-01	1.77E-01	1.81E-01	4.75E-05	2.63E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Anderson County	45007	U	Polychlorinated Biphenyls	4.11E-04	4.29E-04	4.43E-04	4.90E-04	4.93E-04	5.41E-04	5.61E-04	5.67E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.80E-04
South Carolina	Anderson County	45007	U	Polycyclic Organic Matter	2.02E-02	2.55E-02	3.46E-02	3.92E-02	4.18E-02	4.92E-02	5.64E-02	6.64E-02	4.23E-04	3.25E-02	7.81E-03	1.00E-03	0.00E+00
South Carolina	Anderson County	45007	U	7-PAH	1.26E-03	1.44E-03	1.61E-03	1.84E-03	1.91E-03	2.19E-03	2.53E-03	2.83E-03	2.17E-08	1.84E-03	5.27E-05	1.24E-05	0.00E+00
South Carolina	Anderson County	45007	U	Propylene Dichloride	4.30E-06	6.63E-06	1.03E-05	1.69E-05	3.00E-05	4.37E-05	7.52E-05	1.06E-04	1.58E-06	2.85E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Quinoline	1.21E-07	2.03E-07	2.54E-07	6.34E-07	1.99E-06	2.49E-06	6.14E-06	6.33E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	1,1,2,2-Tetrachloroethane	1.21E-05	2.12E-05	3.41E-05	7.32E-05	1.03E-04	1.21E-04	2.17E-04	4.44E-04	1.45E-05	8.82E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Anderson County	45007	U	Trichloroethylene	8.76E-02	9.19E-02	9.78E-02	1.12E-01	1.18E-01	1.19E-01	1.49E-01	2.03E-01	2.52E-02	1.22E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Anderson County	45007	U	Vinyl Chloride	3.92E-05	6.78E-05	1.07E-04	1.89E-04	4.00E-04	4.76E-04	1.28E-03	1.38E-03	3.59E-05	3.64E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Acetaldehyde	5.15E-02	5.15E-02	5.39E-02	5.90E-02	5.94E-02	6.50E-02	6.83E-02	6.83E-02	2.14E-05	1.38E-02	3.97E-02	5.91E-03	0.00E+00
South Carolina	Bamberg County	45009	R	Acrolein	1.79E-02	1.79E-02	1.86E-02	1.94E-02	1.93E-02	1.99E-02	2.04E-02	2.04E-02	5.92E-06	1.34E-02	5.11E-03	7.95E-04	0.00E+00
South Carolina	Bamberg County	45009	R	Acrylonitrile	3.43E-06	3.43E-06	4.26E-06	7.02E-06	1.12E-05	1.81E-05	2.73E-05	2.73E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Arsenic Compounds	1.44E-05	1.44E-05	1.59E-05	1.81E-05	1.90E-05	2.21E-05	2.53E-05	2.53E-05	1.05E-05	2.17E-06	4.61E-06	1.67E-06	0.00E+00
South Carolina	Bamberg County	45009	R	Benzene	5.55E-01	5.55E-01	5.59E-01	5.67E-01	5.67E-01	5.74E-01	5.78E-01	5.78E-01	3.74E-05	3.38E-02	4.52E-02	7.74E-03	4.80E-01
South Carolina	Bamberg County	45009	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Beryllium Compounds	8.81E-07	8.81E-07	8.94E-07	1.01E-06	1.04E-06	1.18E-06	1.26E-06	1.26E-06	5.44E-07	2.86E-07	0.00E+00	2.09E-07	0.00E+00
South Carolina	Bamberg County	45009	R	1,3-Butadiene	3.84E-03	3.84E-03	4.18E-03	4.81E-03	4.74E-03	5.30E-03	5.50E-03	5.50E-03	0.00E+00	2.68E-03	1.68E-03	3.82E-04	0.00E+00
South Carolina	Bamberg County	45009	R	Cadmium Compounds	1.81E-06	1.81E-06	1.96E-06	2.23E-06	2.32E-06	2.68E-06	3.02E-06	3.02E-06	1.43E-06	6.85E-07	0.00E+00	2.08E-07	0.00E+00
South Carolina	Bamberg County	45009	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	1.21E-06	7.16E-05	0.00E+00	0.00E+00	4.70E-02
South Carolina	Bamberg County	45009	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.07E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Bamberg County	45009	R	Chloroform	8.44E-02	8.44E-02	8.44E-02	8.47E-02	8.48E-02	8.51E-02	8.52E-02	8.52E-02	1.19E-06	1.77E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Bamberg County	45009	R	Chromium Compounds (includes Hexavalent)	7.45E-06	7.45E-06	8.07E-06	8.98E-06	9.12E-06	1.02E-05	1.11E-05	1.11E-05	3.64E-06	2.45E-06	2.89E-06	1.36E-07	0.00E+00
South Carolina	Bamberg County	45009	R	Chromium VI	3.69E-06	3.69E-06	3.77E-06	3.86E-06	4.22E-06	4.67E-06	5.47E-06	5.47E-06	1.73E-06	1.32E-06	1.13E-06	4.62E-08	0.00E+00
South Carolina	Bamberg County	45009	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	1,4-Dichlorobenzene	1.83E-03	1.83E-03	1.86E-03	2.45E-03	2.54E-03	3.23E-03	3.44E-03	3.44E-03	9.81E-08	2.54E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	1,3-Dichloropropene	3.51E-03	3.51E-03	3.54E-03	4.74E-03	4.95E-03	6.35E-03	6.79E-03	6.79E-03	0.00E+00	4.95E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.43E-08	1.77E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Bamberg County	45009	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.72E-07	1.80E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Bamberg County	45009	R	Ethylene Oxide	3.01E-05	3.01E-05	3.39E-05	4.77E-05	6.16E-05	8.93E-05	1.21E-04	1.21E-04	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Formaldehyde	3.40E-01	3.40E-01	3.40E-01	3.41E-01	3.43E-01	3.46E-01	3.50E-01	3.50E-01	2.95E-03	5.37E-02	2.64E-02	1.01E-02	2.50E-01
South Carolina	Bamberg County	45009	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.63E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Bamberg County	45009	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.40E-09	0.00E+00	0.00E+00	1.80E-03
South Carolina	Bamberg County	45009	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	4.79E-08	5.89E-08	1.18E-07	1.40E-07	1.40E-07	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Hydrazine	1.19E-10	1.19E-10	1.28E-10	2.90E-10	1.70E-09	3.28E-09	6.11E-09	6.11E-09	0.00E+00	1.70E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Lead Compounds	1.65E-04	1.65E-04	1.68E-04	1.78E-04	1.78E-04	1.88E-04	1.92E-04	1.92E-04	6.78E-05	3.14E-05	0.00E+00	7.90E-05	0.00E+00
South Carolina	Bamberg County	45009	R	Manganese Compounds	3.17E-04	3.17E-04	3.33E-04	3.70E-04	4.04E-04	4.74E-04	5.56E-04	5.56E-04	2.84E-04	1.19E-04	8.76E-07	1.58E-07	0.00E+00
South Carolina	Bamberg County	45009	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.21E-05	7.91E-07	5.34E-06	1.68E-06	1.50E-03
South Carolina	Bamberg County	45009	R	Methylene Chloride	2.07E-01	2.07E-01	2.11E-01	2.18E-01	2.26E-01	2.42E-01	2.64E-01	2.64E-01	6.55E-02	1.08E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Bamberg County	45009	R	Nickel Compounds	1.90E-05	1.90E-05	2.06E-05	2.50E-05	2.70E-05	3.35E-05	3.92E-05	3.92E-05	1.09E-05	1.36E-05	2.22E-06	2.57E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Bamberg County	45009	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.45E-01	3.57E-07	2.92E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Bamberg County	45009	R	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.92E-04	3.97E-04	3.97E-04	4.01E-04	4.02E-04	4.02E-04	0.00E+00	1.65E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Bamberg County	45009	R	Polycyclic Organic Matter	4.99E-03	4.99E-03	5.20E-03	6.06E-03	6.17E-03	7.14E-03	7.57E-03	7.57E-03	4.17E-07	4.96E-03	1.05E-03	1.66E-04	0.00E+00
South Carolina	Bamberg County	45009	R	7-PAH	5.57E-04	5.57E-04	5.64E-04	5.83E-04	5.92E-04	6.20E-04	6.45E-04	6.45E-04	9.34E-09	5.82E-04	7.36E-06	2.17E-06	0.00E+00
South Carolina	Bamberg County	45009	R	Propylene Dichloride	2.89E-07	2.89E-07	3.78E-07	4.96E-07	7.41E-07	1.10E-06	1.68E-06	1.68E-06	0.00E+00	7.41E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Quinoline	5.57E-09	5.57E-09	6.69E-09	1.18E-08	1.48E-08	2.29E-08	3.00E-08	3.00E-08	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	1,1,2,2-Tetrachloroethane	8.72E-07	8.72E-07	1.08E-06	2.44E-06	5.02E-06	8.96E-06	1.43E-05	1.43E-05	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Bamberg County	45009	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.18E-02	8.18E-02	8.20E-02	8.21E-02	8.21E-02	0.00E+00	7.87E-04	0.00E+00	0.00E+00	8.10E-02
South Carolina	Bamberg County	45009	R	Vinyl Chloride	2.66E-06	2.66E-06	3.36E-06	6.56E-06	1.28E-05	2.23E-05	3.56E-05	3.56E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Acetaldehyde	4.93E-02	4.93E-02	7.71E-02	8.15E-02	7.59E-02	8.52E-02	8.67E-02	8.67E-02	1.06E-03	1.88E-02	4.89E-02	7.13E-03	0.00E+00
South Carolina	Barnwell County	45011	U	Acrolein	1.99E-02	1.99E-02	2.11E-02	2.33E-02	2.42E-02	2.82E-02	2.84E-02	2.84E-02	2.39E-05	1.82E-02	4.82E-03	1.12E-03	0.00E+00
South Carolina	Barnwell County	45011	U	Acrylonitrile	4.33E-05	4.33E-05	4.54E-05	4.58E-05	6.38E-05	8.44E-05	9.99E-05	9.99E-05	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Arsenic Compounds	9.30E-06	9.30E-06	1.41E-05	1.64E-05	1.86E-05	1.93E-05	3.41E-05	3.41E-05	9.12E-06	2.69E-06	4.94E-06	1.90E-06	0.00E+00
South Carolina	Barnwell County	45011	U	Benzene	5.52E-01	5.52E-01	5.77E-01	5.97E-01	5.94E-01	6.05E-01	6.38E-01	6.38E-01	1.48E-03	4.71E-02	5.22E-02	1.30E-02	4.80E-01
South Carolina	Barnwell County	45011	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Beryllium Compounds	9.82E-07	9.82E-07	1.29E-06	1.54E-06	1.72E-06	2.07E-06	2.73E-06	2.73E-06	4.34E-07	8.51E-07	0.00E+00	4.38E-07	0.00E+00
South Carolina	Barnwell County	45011	U	1,3-Butadiene	5.28E-03	5.28E-03	5.29E-03	6.36E-03	8.04E-03	1.04E-02	1.29E-02	1.29E-02	0.00E+00	4.32E-03	3.03E-03	6.88E-04	0.00E+00
South Carolina	Barnwell County	45011	U	Cadmium Compounds	2.01E-06	2.01E-06	2.04E-06	2.75E-06	3.16E-06	2.80E-06	6.18E-06	6.18E-06	1.39E-06	1.33E-06	0.00E+00	4.36E-07	0.00E+00
South Carolina	Barnwell County	45011	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.74E-02	4.75E-02	4.79E-02	4.79E-02	1.56E-04	2.40E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Barnwell County	45011	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	2.23E-04	3.63E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Barnwell County	45011	U	Chloroform	8.50E-02	8.50E-02	8.52E-02	8.60E-02	8.64E-02	8.61E-02	8.98E-02	8.98E-02	1.15E-03	2.29E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Barnwell County	45011	U	Chromium Compounds (includes Hexavalent)	7.51E-06	7.51E-06	7.61E-06	9.04E-06	1.18E-05	9.35E-06	2.55E-05	2.55E-05	5.06E-06	3.27E-06	3.23E-06	2.38E-07	0.00E+00
South Carolina	Barnwell County	45011	U	Chromium VI	3.84E-06	3.84E-06	4.08E-06	4.60E-06	5.77E-06	5.08E-06	1.12E-05	1.12E-05	2.67E-06	1.70E-06	1.32E-06	8.08E-08	0.00E+00
South Carolina	Barnwell County	45011	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	1,4-Dichlorobenzene	1.79E-03	1.79E-03	3.65E-03	3.93E-03	3.74E-03	4.13E-03	5.22E-03	5.22E-03	4.01E-08	3.74E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	1,3-Dichloropropene	3.39E-03	3.39E-03	7.11E-03	7.64E-03	7.33E-03	8.17E-03	1.03E-02	1.03E-02	0.00E+00	7.33E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.91E-08	6.03E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Barnwell County	45011	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	2.01E-05	8.20E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Barnwell County	45011	U	Ethylene Oxide	1.64E-05	1.64E-05	3.55E-05	3.71E-05	5.64E-05	4.16E-05	1.51E-04	1.51E-04	0.00E+00	5.64E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Formaldehyde	3.51E-01	3.51E-01	3.54E-01	3.72E-01	3.73E-01	3.93E-01	3.97E-01	3.97E-01	2.01E-03	7.71E-02	3.21E-02	1.22E-02	2.50E-01
South Carolina	Barnwell County	45011	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.89E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Barnwell County	45011	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.98E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Barnwell County	45011	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Hydrazine	4.82E-10	4.82E-10	5.16E-10	6.18E-10	6.43E-10	7.83E-10	8.18E-10	8.18E-10	0.00E+00	6.43E-10	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Lead Compounds	1.68E-04	1.68E-04	2.51E-04	3.10E-04	5.18E-04	3.20E-04	1.54E-03	1.54E-03	6.08E-05	5.36E-05	0.00E+00	4.04E-04	0.00E+00
South Carolina	Barnwell County	45011	U	Manganese Compounds	6.71E-05	6.71E-05	8.96E-05	1.67E-04	1.75E-04	2.61E-04	2.88E-04	2.88E-04	5.95E-05	1.14E-04	1.00E-06	2.05E-07	0.00E+00
South Carolina	Barnwell County	45011	U	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.56E-03	2.71E-05	1.53E-06	5.58E-06	2.11E-06	1.50E-03
South Carolina	Barnwell County	45011	U	Methylene Chloride	1.57E-01	1.57E-01	1.73E-01	1.74E-01	1.92E-01	1.98E-01	2.60E-01	2.60E-01	2.68E-02	1.54E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Barnwell County	45011	U	Nickel Compounds	1.74E-05	1.74E-05	2.31E-05	2.91E-05	3.58E-05	3.25E-05	7.67E-05	7.67E-05	8.04E-06	2.49E-05	2.46E-06	3.62E-07	0.00E+00
South Carolina	Barnwell County	45011	U	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.46E-01	1.47E-01	1.49E-01	1.51E-01	1.51E-01	2.76E-03	3.84E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Barnwell County	45011	U	Polychlorinated Biphenyls	3.89E-04	3.89E-04	3.97E-04	3.99E-04	3.99E-04	3.99E-04	4.12E-04	4.12E-04	0.00E+00	1.94E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Barnwell County	45011	U	Polycyclic Organic Matter	4.10E-03	4.10E-03	6.85E-03	7.66E-03	7.21E-03	8.23E-03	9.19E-03	9.19E-03	2.44E-07	5.72E-03	1.19E-03	2.97E-04	0.00E+00
South Carolina	Barnwell County	45011	U	7-PAH	6.33E-04	6.33E-04	7.03E-04	7.55E-04	8.06E-04	9.61E-04	9.79E-04	9.79E-04	6.78E-09	7.94E-04	7.93E-06	4.21E-06	0.00E+00
South Carolina	Barnwell County	45011	U	Propylene Dichloride	2.82E-06	2.82E-06	2.83E-06	2.95E-06	3.88E-06	5.34E-06	5.44E-06	5.44E-06	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Quinoline	2.64E-08	2.64E-08	3.19E-08	3.51E-08	3.46E-08	3.61E-08	4.38E-08	4.38E-08	0.00E+00	3.46E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	1,1,2,2-Tetrachloroethane	2.19E-05	2.19E-05	2.23E-05	2.37E-05	2.97E-05	3.62E-05	4.46E-05	4.46E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Barnwell County	45011	U	Trichloroethylene	8.17E-02	8.17E-02	8.24E-02	8.33E-02	8.35E-02	8.47E-02	8.53E-02	8.53E-02	8.63E-04	1.62E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Barnwell County	45011	U	Vinyl Chloride	5.47E-05	5.47E-05	5.60E-05	5.94E-05	7.41E-05	9.05E-05	1.10E-04	1.10E-04	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Acetaldehyde	9.19E-02	9.55E-02	1.57E-01	2.60E-01	2.59E-01	3.60E-01	4.09E-01	4.19E-01	3.49E-02	1.11E-02	1.19E-01	9.39E-02	0.00E+00
South Carolina	Beaufort County	45013	R	Acrolein	1.90E-02	2.39E-02	2.70E-02	3.21E-02	3.16E-02	3.62E-02	4.05E-02	4.13E-02	3.20E-04	7.56E-03	1.30E-02	1.08E-02	0.00E+00
South Carolina	Beaufort County	45013	R	Acrylonitrile	2.82E-05	3.10E-05	5.59E-05	6.77E-05	1.30E-04	8.98E-05	2.26E-04	5.08E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Arsenic Compounds	1.16E-05	1.20E-05	2.77E-05	3.85E-05	3.61E-05	4.61E-05	5.29E-05	6.12E-05	8.12E-06	8.31E-06	1.18E-05	7.86E-06	0.00E+00
South Carolina	Beaufort County	45013	R	Benzene	6.64E-01	7.07E-01	7.74E-01	8.55E-01	8.47E-01	8.91E-01	9.92E-01	1.00E+00	1.83E-03	3.75E-02	1.49E-01	1.79E-01	4.80E-01
South Carolina	Beaufort County	45013	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Beryllium Compounds	3.91E-07	4.19E-07	8.26E-07	1.19E-06	1.19E-06	1.39E-06	2.10E-06	2.28E-06	2.12E-07	8.02E-07	0.00E+00	1.77E-07	0.00E+00
South Carolina	Beaufort County	45013	R	1,3-Butadiene	7.59E-03	1.10E-02	1.45E-02	2.13E-02	2.20E-02	2.62E-02	3.69E-02	3.71E-02	2.95E-06	1.17E-03	9.00E-03	1.18E-02	0.00E+00
South Carolina	Beaufort County	45013	R	Cadmium Compounds	9.48E-07	1.04E-06	2.61E-06	4.72E-06	4.23E-06	5.82E-06	6.82E-06	7.01E-06	1.89E-06	2.10E-06	0.00E+00	2.44E-07	0.00E+00
South Carolina	Beaufort County	45013	R	Carbon Disulfide	4.71E-02	4.71E-02	4.75E-02	5.06E-02	5.00E-02	5.16E-02	5.25E-02	5.33E-02	2.44E-03	5.15E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Beaufort County	45013	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.85E-01	8.84E-01	8.86E-01	8.87E-01	8.87E-01	3.50E-03	7.85E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Beaufort County	45013	R	Chloroform	8.81E-02	9.05E-02	1.00E-01	1.24E-01	1.17E-01	1.30E-01	1.38E-01	1.39E-01	2.14E-02	1.24E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Beaufort County	45013	R	Chromium Compounds (includes Hexavalent)	7.07E-06	7.70E-06	1.71E-05	3.35E-05	2.89E-05	3.99E-05	4.74E-05	4.80E-05	1.19E-05	5.72E-06	9.04E-06	2.33E-06	0.00E+00
South Carolina	Beaufort County	45013	R	Chromium VI	2.73E-06	2.88E-06	7.15E-06	1.57E-05	1.34E-05	1.89E-05	2.23E-05	2.29E-05	5.96E-06	2.99E-06	3.62E-06	7.91E-07	0.00E+00
South Carolina	Beaufort County	45013	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	1,4-Dichlorobenzene	2.48E-03	3.69E-03	6.21E-03	8.84E-03	8.85E-03	1.08E-02	1.31E-02	1.37E-02	9.49E-10	8.85E-03	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Beaufort County	45013	R	1,3-Dichloropropene	4.78E-03	7.32E-03	1.22E-02	1.78E-02	1.75E-02	2.14E-02	2.57E-02	2.71E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.28E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Beaufort County	45013	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.14E-02	6.13E-02	6.15E-02	6.16E-02	6.16E-02	3.12E-04	1.60E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Beaufort County	45013	R	Ethylene Oxide	3.10E-05	4.38E-05	6.96E-05	2.01E-04	3.12E-04	3.33E-04	8.56E-04	1.00E-03	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Formaldehyde	3.46E-01	3.70E-01	4.14E-01	4.61E-01	4.71E-01	5.33E-01	5.80E-01	6.01E-01	8.04E-03	3.00E-02	8.33E-02	1.00E-01	2.50E-01
South Carolina	Beaufort County	45013	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.48E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Beaufort County	45013	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	4.00E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Beaufort County	45013	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Hydrazine	2.37E-10	9.76E-10	2.26E-09	4.48E-09	1.18E-08	1.82E-08	3.71E-08	3.77E-08	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Lead Compounds	9.66E-06	1.47E-05	4.62E-05	1.43E-04	1.18E-04	1.94E-04	2.12E-04	2.29E-04	3.07E-05	3.33E-05	0.00E+00	5.42E-05	0.00E+00
South Carolina	Beaufort County	45013	R	Manganese Compounds	9.63E-06	1.07E-05	1.89E-05	9.67E-04	7.49E-04	1.12E-03	1.35E-03	1.66E-03	7.11E-04	3.35E-05	2.84E-06	1.84E-06	0.00E+00
South Carolina	Beaufort County	45013	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.37E-06	5.14E-06	1.23E-05	6.08E-06	1.50E-03
South Carolina	Beaufort County	45013	R	Methylene Chloride	1.58E-01	1.60E-01	1.72E-01	1.88E-01	1.91E-01	2.09E-01	2.25E-01	2.30E-01	4.09E-03	3.74E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Beaufort County	45013	R	Nickel Compounds	8.66E-06	1.26E-05	8.13E-05	1.02E-04	9.71E-05	1.28E-04	1.44E-04	1.47E-04	4.47E-05	2.68E-05	6.72E-06	1.89E-05	0.00E+00
South Carolina	Beaufort County	45013	R	Perchloroethylene	1.43E-01	1.45E-01	1.51E-01	1.56E-01	1.59E-01	1.66E-01	1.77E-01	1.80E-01	1.07E-03	1.76E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Beaufort County	45013	R	Polychlorinated Biphenyls	3.92E-04	3.93E-04	3.98E-04	4.08E-04	4.10E-04	4.25E-04	4.30E-04	4.34E-04	0.00E+00	3.03E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Beaufort County	45013	R	Polycyclic Organic Matter	7.05E-03	7.65E-03	1.05E-02	1.40E-02	1.40E-02	1.65E-02	2.12E-02	2.29E-02	1.20E-04	9.04E-03	3.27E-03	1.54E-03	0.00E+00
South Carolina	Beaufort County	45013	R	7-PAH	2.75E-04	2.83E-04	3.99E-04	5.34E-04	5.74E-04	6.59E-04	8.76E-04	1.29E-03	1.46E-07	5.07E-04	2.13E-05	4.59E-05	0.00E+00
South Carolina	Beaufort County	45013	R	Propylene Dichloride	1.76E-06	2.23E-06	3.75E-06	4.68E-06	7.88E-06	5.77E-06	1.33E-05	3.02E-05	0.00E+00	7.88E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Quinoline	4.97E-09	1.63E-08	2.77E-08	9.18E-08	7.98E-08	1.21E-07	1.31E-07	1.43E-07	0.00E+00	7.98E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	1,1,2,2-Tetrachloroethane	1.12E-05	1.37E-05	2.37E-05	2.75E-05	5.96E-05	4.09E-05	1.14E-04	2.63E-04	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Beaufort County	45013	R	Trichloroethylene	8.15E-02	8.17E-02	8.26E-02	8.61E-02	8.64E-02	8.84E-02	9.19E-02	9.42E-02	7.73E-04	4.64E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Beaufort County	45013	R	Vinyl Chloride	3.02E-05	3.43E-05	6.12E-05	7.12E-05	1.49E-04	1.04E-04	2.82E-04	6.50E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Acetaldehyde	1.26E-01	1.33E-01	2.57E-01	3.98E-01	6.21E-01	6.13E-01	1.14E+00	2.24E+00	1.71E-01	1.56E-02	3.06E-01	1.28E-01	0.00E+00
South Carolina	Berkeley County	45015	U	Acrolein	2.67E-02	3.02E-02	3.92E-02	5.40E-02	5.33E-02	6.41E-02	6.93E-02	8.91E-02	5.22E-04	1.49E-02	2.95E-02	8.35E-03	0.00E+00
South Carolina	Berkeley County	45015	U	Acrylonitrile	5.88E-05	6.92E-05	1.24E-04	1.57E-04	1.48E-04	1.83E-04	2.18E-04	2.23E-04	5.02E-05	9.75E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Arsenic Compounds	8.73E-05	9.29E-05	9.87E-05	2.01E-04	3.16E-04	3.70E-04	6.55E-04	8.61E-04	2.68E-04	8.77E-06	2.87E-05	1.00E-05	0.00E+00
South Carolina	Berkeley County	45015	U	Benzene	6.66E-01	6.77E-01	7.67E-01	9.22E-01	1.00E+00	1.09E+00	1.54E+00	1.68E+00	8.03E-03	6.30E-02	3.78E-01	7.36E-02	4.80E-01
South Carolina	Berkeley County	45015	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Beryllium Compounds	1.28E-06	2.93E-06	3.21E-06	3.58E-06	3.88E-06	4.49E-06	5.33E-06	7.38E-06	1.92E-06	1.14E-06	0.00E+00	8.14E-07	0.00E+00
South Carolina	Berkeley County	45015	U	1,3-Butadiene	6.45E-03	7.39E-03	9.87E-03	1.87E-02	3.16E-02	3.13E-02	9.80E-02	1.10E-01	0.00E+00	2.63E-03	2.60E-02	2.99E-03	0.00E+00
South Carolina	Berkeley County	45015	U	Cadmium Compounds	8.84E-06	1.50E-05	1.75E-05	2.25E-05	2.33E-05	2.75E-05	3.60E-05	4.03E-05	1.87E-05	2.40E-06	0.00E+00	2.15E-06	0.00E+00
South Carolina	Berkeley County	45015	U	Carbon Disulfide	4.97E-02	5.01E-02	5.06E-02	5.14E-02	6.08E-02	5.41E-02	5.61E-02	5.84E-02	1.70E-03	1.21E-02	0.00E+00	0.00E+00	4.70E-02
South Carolina	Berkeley County	45015	U	Carbon Tetrachloride	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	8.85E-01	8.88E-01	2.41E-03	8.87E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Berkeley County	45015	U	Chloroform	8.68E-02	9.11E-02	1.01E-01	1.04E-01	1.08E-01	1.13E-01	1.33E-01	1.39E-01	1.23E-02	1.30E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Berkeley County	45015	U	Chromium Compounds (includes Hexavalent)	1.10E-04	1.20E-04	1.60E-04	2.83E-04	5.97E-04	6.36E-04	1.37E-03	1.82E-03	5.47E-04	2.15E-05	2.36E-05	5.46E-06	0.00E+00
South Carolina	Berkeley County	45015	U	Chromium VI	1.34E-05	1.93E-05	2.16E-05	4.37E-05	4.84E-05	6.09E-05	8.96E-05	9.67E-05	2.18E-05	1.53E-05	9.45E-06	1.86E-06	0.00E+00
South Carolina	Berkeley County	45015	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	1,4-Dichlorobenzene	3.07E-03	3.93E-03	6.94E-03	1.86E-02	1.80E-02	2.67E-02	2.89E-02	3.57E-02	4.87E-06	1.80E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	1,3-Dichloropropene	5.84E-03	7.05E-03	1.31E-02	3.70E-02	3.60E-02	5.39E-02	5.82E-02	7.21E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.78E-08	1.32E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Berkeley County	45015	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.15E-02	6.17E-02	2.24E-04	1.35E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Berkeley County	45015	U	Ethylene Oxide	2.95E-05	6.44E-05	1.21E-04	3.34E-04	3.90E-04	5.66E-04	8.64E-04	9.06E-04	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Formaldehyde	4.23E-01	4.30E-01	4.91E-01	5.67E-01	6.89E-01	6.61E-01	8.73E-01	1.33E+00	2.80E-02	6.12E-02	1.94E-01	1.56E-01	2.50E-01
South Carolina	Berkeley County	45015	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.35E-05	9.34E-05	9.36E-05	9.37E-05	9.38E-05	0.00E+00	4.16E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Berkeley County	45015	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	4.79E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Berkeley County	45015	U	Hexamethylene Diisocyanate	2.51E-07	4.63E-07	9.04E-07	1.62E-06	2.59E-06	3.77E-06	6.14E-06	7.68E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Hydrazine	9.30E-10	1.00E-09	2.10E-09	3.66E-09	1.59E-08	9.26E-09	1.20E-08	1.15E-07	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Lead Compounds	2.98E-04	3.44E-04	4.72E-04	1.03E-03	1.74E-03	2.10E-03	2.88E-03	3.92E-03	1.16E-03	3.87E-05	0.00E+00	5.35E-04	0.00E+00
South Carolina	Berkeley County	45015	U	Manganese Compounds	3.93E-04	4.70E-04	6.76E-04	9.50E-04	1.01E-03	1.26E-03	1.40E-03	2.07E-03	7.73E-04	2.13E-04	7.58E-06	1.27E-05	0.00E+00
South Carolina	Berkeley County	45015	U	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.58E-03	1.59E-03	1.62E-03	1.67E-03	3.30E-05	6.79E-06	2.87E-05	1.34E-05	1.50E-03
South Carolina	Berkeley County	45015	U	Methylene Chloride	1.80E-01	1.91E-01	2.39E-01	2.61E-01	3.07E-01	3.09E-01	3.81E-01	6.09E-01	9.14E-02	6.61E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Berkeley County	45015	U	Nickel Compounds	1.68E-04	1.80E-04	2.53E-04	5.40E-04	1.05E-03	1.48E-03	2.30E-03	4.08E-03	7.15E-04	2.45E-05	1.75E-05	2.98E-04	0.00E+00
South Carolina	Berkeley County	45015	U	Perchloroethylene	1.43E-01	1.45E-01	1.50E-01	1.61E-01	1.64E-01	1.71E-01	1.87E-01	2.00E-01	5.41E-04	2.35E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Berkeley County	45015	U	Polychlorinated Biphenyls	3.89E-04	3.91E-04	4.07E-04	4.40E-04	4.30E-04	4.50E-04	4.62E-04	4.76E-04	0.00E+00	5.04E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Berkeley County	45015	U	Polycyclic Organic Matter	1.14E-02	1.69E-02	2.12E-02	3.83E-02	3.75E-02	4.51E-02	6.02E-02	6.46E-02	1.12E-02	1.56E-02	8.18E-03	2.48E-03	0.00E+00
South Carolina	Berkeley County	45015	U	7-PAH	6.63E-04	6.63E-04	8.11E-04	9.26E-04	9.46E-04	1.05E-03	1.26E-03	1.28E-03	2.95E-07	8.35E-04	5.26E-05	5.82E-05	0.00E+00
South Carolina	Berkeley County	45015	U	Propylene Dichloride	4.05E-06	4.45E-06	7.58E-06	9.70E-06	9.13E-06	1.12E-05	1.39E-05	1.48E-05	3.04E-06	6.09E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Quinoline	2.97E-08	3.04E-08	3.67E-08	6.53E-08	1.09E-07	1.07E-07	1.40E-07	4.82E-07	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	1,1,2,2-Tetrachloroethane	2.14E-05	2.85E-05	5.18E-05	7.26E-05	6.76E-05	8.27E-05	9.47E-05	9.77E-05	2.79E-05	3.97E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Berkeley County	45015	U	Trichloroethylene	8.23E-02	8.37E-02	8.46E-02	9.06E-02	9.14E-02	9.50E-02	1.01E-01	1.11E-01	5.06E-04	9.93E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Berkeley County	45015	U	Vinyl Chloride	5.54E-05	7.42E-05	1.33E-04	1.89E-04	1.70E-04	2.06E-04	2.35E-04	2.42E-04	6.86E-05	1.01E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Acetaldehyde	1.44E-01	1.44E-01	1.44E-01	1.92E-01	2.38E-01	3.78E-01	3.78E-01	3.78E-01	5.86E-02	8.56E-03	1.60E-01	1.11E-02	0.00E+00
South Carolina	Calhoun County	45017	R	Acrolein	2.61E-02	2.61E-02	2.61E-02	2.84E-02	3.07E-02	3.77E-02	3.77E-02	3.77E-02	1.77E-04	1.40E-02	1.45E-02	2.09E-03	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Calhoun County	45017	R	Acrylonitrile	5.06E-06	5.06E-06	5.06E-06	4.52E-05	4.43E-05	8.27E-05	8.27E-05	8.27E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Arsenic Compounds	1.79E-04	1.79E-04	1.79E-04	2.45E-04	2.68E-04	3.81E-04	3.81E-04	3.81E-04	2.37E-04	1.44E-05	1.42E-05	2.06E-06	0.00E+00
South Carolina	Calhoun County	45017	R	Benzene	6.36E-01	6.36E-01	6.36E-01	6.67E-01	6.92E-01	7.73E-01	7.73E-01	7.73E-01	2.33E-04	4.90E-02	1.40E-01	2.26E-02	4.80E-01
South Carolina	Calhoun County	45017	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Beryllium Compounds	1.69E-06	1.69E-06	1.69E-06	1.78E-06	1.81E-06	1.97E-06	1.97E-06	1.97E-06	1.11E-06	5.13E-07	0.00E+00	1.84E-07	0.00E+00
South Carolina	Calhoun County	45017	R	1,3-Butadiene	4.83E-03	4.83E-03	4.83E-03	8.36E-03	1.01E-02	1.71E-02	1.71E-02	1.71E-02	0.00E+00	2.84E-03	6.38E-03	8.68E-04	0.00E+00
South Carolina	Calhoun County	45017	R	Cadmium Compounds	9.43E-06	9.43E-06	9.43E-06	1.44E-05	1.64E-05	2.53E-05	2.53E-05	2.53E-05	5.29E-06	1.09E-05	0.00E+00	1.83E-07	0.00E+00
South Carolina	Calhoun County	45017	R	Carbon Disulfide	4.79E-02	4.79E-02	4.79E-02	4.84E-02	4.83E-02	4.86E-02	4.86E-02	4.86E-02	1.17E-03	1.20E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Calhoun County	45017	R	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	8.82E-01	8.82E-01	1.68E-03	2.87E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Calhoun County	45017	R	Chloroform	9.09E-02	9.09E-02	9.09E-02	9.61E-02	9.46E-02	9.67E-02	9.67E-02	9.67E-02	8.63E-03	2.94E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Calhoun County	45017	R	Chromium Compounds (includes Hexavalent)	4.95E-05	4.95E-05	4.95E-05	5.01E-05	5.04E-05	5.17E-05	5.17E-05	5.17E-05	2.05E-05	2.03E-05	9.38E-06	2.54E-07	0.00E+00
South Carolina	Calhoun County	45017	R	Chromium VI	1.55E-05	1.55E-05	1.55E-05	1.58E-05	1.57E-05	1.59E-05	1.59E-05	1.59E-05	6.98E-06	4.93E-06	3.73E-06	8.65E-08	0.00E+00
South Carolina	Calhoun County	45017	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	1,4-Dichlorobenzene	3.50E-03	3.50E-03	3.50E-03	4.67E-03	4.40E-03	5.04E-03	5.04E-03	5.04E-03	6.39E-07	4.40E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	1,3-Dichloropropene	6.63E-03	6.63E-03	6.63E-03	8.90E-03	8.35E-03	9.54E-03	9.54E-03	9.54E-03	0.00E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.72E-08	2.90E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Calhoun County	45017	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	1.51E-04	3.54E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Calhoun County	45017	R	Ethylene Oxide	1.02E-04	1.02E-04	1.02E-04	1.13E-04	1.11E-04	1.17E-04	1.17E-04	1.17E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Formaldehyde	3.86E-01	3.86E-01	3.86E-01	4.08E-01	4.30E-01	4.95E-01	4.95E-01	4.95E-01	8.22E-03	5.83E-02	9.57E-02	1.76E-02	2.50E-01
South Carolina	Calhoun County	45017	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.73E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Calhoun County	45017	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.29E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Calhoun County	45017	R	Hexamethylene Diisocyanate	7.15E-07	7.15E-07	7.15E-07	1.25E-06	1.94E-06	3.86E-06	3.86E-06	3.86E-06	1.72E-06	2.24E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Hydrazine	1.33E-10	1.33E-10	1.33E-10	1.57E-09	1.30E-09	2.20E-09	2.20E-09	2.20E-09	0.00E+00	1.30E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Lead Compounds	3.20E-04	3.20E-04	3.20E-04	3.28E-04	3.49E-04	3.99E-04	3.99E-04	3.99E-04	3.07E-05	1.72E-04	0.00E+00	1.46E-04	0.00E+00
South Carolina	Calhoun County	45017	R	Manganese Compounds	4.98E-04	4.98E-04	4.98E-04	1.01E-03	9.59E-04	1.37E-03	1.37E-03	1.37E-03	7.48E-04	2.08E-04	2.91E-06	2.16E-07	0.00E+00
South Carolina	Calhoun County	45017	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	7.26E-06	4.74E-06	1.60E-05	1.92E-06	1.50E-03
South Carolina	Calhoun County	45017	R	Methylene Chloride	2.05E-01	2.05E-01	2.05E-01	3.19E-01	3.12E-01	4.11E-01	4.11E-01	4.11E-01	1.45E-01	1.68E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Calhoun County	45017	R	Nickel Compounds	4.33E-05	4.33E-05	4.33E-05	7.92E-05	6.83E-05	8.24E-05	8.24E-05	8.24E-05	2.57E-05	3.52E-05	7.01E-06	3.61E-07	0.00E+00
South Carolina	Calhoun County	45017	R	Perchloroethylene	1.47E-01	1.47E-01	1.47E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	3.08E-04	7.24E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Calhoun County	45017	R	Polychlorinated Biphenyls	4.03E-04	4.03E-04	4.03E-04	4.05E-04	4.10E-04	4.21E-04	4.21E-04	4.21E-04	0.00E+00	3.00E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Calhoun County	45017	R	Polycyclic Organic Matter	1.28E-02	1.28E-02	1.28E-02	1.31E-02	1.33E-02	1.41E-02	1.41E-02	1.41E-02	6.61E-04	9.11E-03	3.24E-03	3.22E-04	0.00E+00
South Carolina	Calhoun County	45017	R	7-PAH	6.21E-04	6.21E-04	6.21E-04	8.39E-04	7.70E-04	8.51E-04	8.51E-04	8.51E-04	2.93E-08	7.42E-04	2.35E-05	5.31E-06	0.00E+00
South Carolina	Calhoun County	45017	R	Propylene Dichloride	3.83E-07	3.83E-07	3.83E-07	2.68E-06	2.31E-06	3.88E-06	3.88E-06	3.88E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Quinoline	1.03E-09	1.03E-09	1.03E-09	1.01E-08	1.21E-08	2.51E-08	2.51E-08	2.51E-08	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	1,1,2,2-Tetrachloroethane	2.22E-08	2.22E-08	2.22E-08	2.21E-05	1.84E-05	3.30E-05	3.30E-05	3.30E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Calhoun County	45017	R	Trichloroethylene	8.24E-02	8.24E-02	8.24E-02	8.33E-02	8.31E-02	8.37E-02	8.37E-02	8.37E-02	3.07E-04	1.84E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Calhoun County	45017	R	Vinyl Chloride	8.82E-07	8.82E-07	8.82E-07	5.46E-05	4.55E-05	8.09E-05	8.09E-05	8.09E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Acetaldehyde	1.10E-01	1.72E-01	2.91E-01	5.37E-01	6.43E-01	8.99E-01	1.24E+00	1.40E+00	8.89E-02	1.13E-02	3.38E-01	2.04E-01	0.00E+00
South Carolina	Charleston County	45019	U	Acrolein	2.07E-02	2.61E-02	3.70E-02	5.33E-02	5.62E-02	7.00E-02	9.92E-02	1.08E-01	6.47E-04	1.10E-02	3.19E-02	1.27E-02	0.00E+00
South Carolina	Charleston County	45019	U	Acrylonitrile	5.33E-05	6.45E-05	1.24E-04	1.89E-04	2.91E-04	2.69E-04	4.31E-04	1.15E-03	1.12E-04	1.79E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Arsenic Compounds	2.00E-05	5.10E-05	7.73E-05	1.20E-04	1.71E-04	2.04E-04	3.46E-04	4.40E-04	9.63E-05	2.01E-05	3.58E-05	1.88E-05	0.00E+00
South Carolina	Charleston County	45019	U	Benzene	7.10E-01	7.45E-01	9.28E-01	1.09E+00	1.31E+00	1.61E+00	2.03E+00	2.30E+00	1.40E-01	3.39E-02	5.02E-01	1.52E-01	4.80E-01
South Carolina	Charleston County	45019	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Beryllium Compounds	6.86E-07	9.47E-07	1.84E-06	3.01E-06	3.36E-06	3.88E-06	5.18E-06	7.42E-06	7.47E-07	1.66E-06	0.00E+00	9.54E-07	0.00E+00
South Carolina	Charleston County	45019	U	1,3-Butadiene	7.50E-03	1.01E-02	1.53E-02	3.21E-02	5.30E-02	8.42E-02	1.36E-01	1.67E-01	0.00E+00	1.07E-03	4.13E-02	1.07E-02	0.00E+00
South Carolina	Charleston County	45019	U	Cadmium Compounds	3.70E-06	6.11E-06	1.11E-05	1.57E-05	1.99E-05	2.09E-05	3.27E-05	5.36E-05	1.16E-05	5.48E-06	0.00E+00	2.89E-06	0.00E+00
South Carolina	Charleston County	45019	U	Carbon Disulfide	4.83E-02	4.90E-02	5.03E-02	5.37E-02	5.56E-02	5.59E-02	6.13E-02	6.58E-02	4.03E-03	4.62E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Charleston County	45019	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.82E-01	8.86E-01	8.86E-01	8.88E-01	8.93E-01	8.96E-01	5.75E-03	4.42E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Charleston County	45019	U	Chloroform	9.43E-02	9.90E-02	1.07E-01	1.32E-01	1.33E-01	1.52E-01	1.72E-01	1.91E-01	2.95E-02	2.02E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Charleston County	45019	U	Chromium Compounds (includes Hexavalent)	2.25E-05	5.79E-05	1.31E-04	2.31E-04	3.59E-04	3.65E-04	8.19E-04	1.41E-03	1.91E-04	1.29E-04	3.10E-05	8.59E-06	0.00E+00
South Carolina	Charleston County	45019	U	Chromium VI	1.08E-05	1.67E-05	3.80E-05	6.71E-05	1.25E-04	1.11E-04	1.72E-04	5.54E-04	1.20E-05	9.77E-05	1.24E-05	2.92E-06	0.00E+00
South Carolina	Charleston County	45019	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	1,4-Dichlorobenzene	4.81E-03	6.93E-03	1.83E-02	2.58E-02	2.64E-02	3.47E-02	4.28E-02	5.50E-02	1.47E-05	2.64E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	1,3-Dichloropropene	9.21E-03	1.33E-02	3.66E-02	5.21E-02	5.32E-02	7.02E-02	8.69E-02	1.12E-01	0.00E+00	5.32E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	9.13E-08	5.27E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Charleston County	45019	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.15E-02	6.15E-02	6.17E-02	6.22E-02	6.24E-02	5.26E-04	2.05E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Charleston County	45019	U	Ethylene Oxide	1.42E-04	2.31E-04	5.77E-04	1.17E-03	3.26E-03	2.60E-03	4.60E-03	1.17E-02	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Formaldehyde	3.56E-01	4.18E-01	5.22E-01	7.13E-01	8.29E-01	1.06E+00	1.33E+00	1.37E+00	2.41E-02	6.00E-02	2.36E-01	2.59E-01	2.50E-01
South Carolina	Charleston County	45019	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	7.86E-08	0.00E+00	0.00E+00	9.30E-05
South Carolina	Charleston County	45019	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.87E-07	0.00E+00	0.00E+00	1.80E-03
South Carolina	Charleston County	45019	U	Hexamethylene Diisocyanate	2.36E-07	2.70E-07	4.26E-07	8.68E-07	2.17E-06	2.08E-06	4.94E-06	1.18E-05	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Hydrazine	9.11E-10	1.73E-09	7.68E-09	2.05E-08	2.14E-07	4.90E-08	1.85E-07	3.06E-07	0.00E+00	2.14E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Lead Compounds	1.95E-04	3.12E-04	5.60E-04	7.70E-04	1.24E-03	1.20E-03	2.47E-03	3.26E-03	3.27E-04	1.35E-04	0.00E+00	7.78E-04	0.00E+00
South Carolina	Charleston County	45019	U	Manganese Compounds	2.42E-04	4.55E-04	8.40E-04	1.49E-03	2.41E-03	2.34E-03	3.78E-03	9.45E-03	9.31E-04	1.45E-03	1.01E-05	1.90E-05	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Charleston County	45019	U	Mercury Compounds	1.52E-03	1.53E-03	1.55E-03	1.58E-03	1.63E-03	1.64E-03	1.70E-03	1.77E-03	1.84E-05	5.07E-05	3.46E-05	2.23E-05	1.50E-03
South Carolina	Charleston County	45019	U	Methylene Chloride	1.61E-01	1.67E-01	1.99E-01	2.34E-01	2.56E-01	2.67E-01	2.96E-01	3.52E-01	1.69E-02	8.92E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Charleston County	45019	U	Nickel Compounds	1.07E-04	1.98E-04	4.05E-04	6.37E-04	9.67E-04	1.03E-03	2.38E-03	2.93E-03	3.86E-04	1.24E-04	2.30E-05	4.34E-04	0.00E+00
South Carolina	Charleston County	45019	U	Perchloroethylene	1.47E-01	1.49E-01	1.71E-01	1.92E-01	2.00E-01	2.16E-01	2.70E-01	2.86E-01	1.29E-03	5.91E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Charleston County	45019	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.84E-04	3.85E-04	3.89E-04	3.91E-04	4.01E-04	4.08E-04	0.00E+00	8.58E-06	0.00E+00	0.00E+00	3.80E-04
South Carolina	Charleston County	45019	U	Polycyclic Organic Matter	8.47E-03	1.41E-02	2.67E-02	4.44E-02	4.80E-02	5.88E-02	7.85E-02	9.90E-02	1.51E-02	1.81E-02	1.08E-02	4.00E-03	0.00E+00
South Carolina	Charleston County	45019	U	7-PAH	2.78E-04	3.39E-04	4.13E-04	5.30E-04	5.53E-04	6.24E-04	8.35E-04	8.86E-04	6.07E-07	3.92E-04	6.76E-05	9.30E-05	0.00E+00
South Carolina	Charleston County	45019	U	Propylene Dichloride	2.96E-06	3.86E-06	7.35E-06	1.20E-05	1.84E-05	1.61E-05	2.23E-05	4.33E-05	6.80E-06	1.16E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Quinoline	2.18E-08	2.77E-08	7.52E-08	1.45E-07	6.40E-07	3.19E-07	6.48E-07	1.11E-06	0.00E+00	6.40E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	1,1,2,2-Tetrachloroethane	1.41E-05	1.75E-05	3.29E-05	5.29E-05	7.60E-05	8.38E-05	1.19E-04	1.56E-04	6.23E-05	1.37E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Charleston County	45019	U	Trichloroethylene	8.35E-02	8.48E-02	9.01E-02	1.01E-01	1.05E-01	1.10E-01	1.32E-01	1.60E-01	1.20E-03	2.23E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Charleston County	45019	U	Vinyl Chloride	3.62E-05	4.55E-05	8.58E-05	1.39E-04	2.06E-04	2.23E-04	3.13E-04	4.23E-04	1.53E-04	5.32E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Acetaldehyde	1.68E-01	1.68E-01	1.99E-01	2.91E-01	3.03E-01	3.18E-01	6.33E-01	6.33E-01	6.57E-02	1.61E-02	2.05E-01	1.64E-02	0.00E+00
South Carolina	Cherokee County	45021	U	Acrolein	3.63E-02	3.63E-02	4.05E-02	4.32E-02	4.58E-02	4.89E-02	5.81E-02	5.81E-02	7.34E-05	1.62E-02	2.64E-02	3.07E-03	0.00E+00
South Carolina	Cherokee County	45021	U	Acrylonitrile	4.18E-04	4.18E-04	5.69E-04	6.63E-04	7.66E-04	9.37E-04	1.23E-03	1.23E-03	1.66E-04	6.00E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Arsenic Compounds	3.04E-05	3.04E-05	3.56E-05	5.48E-05	5.41E-05	7.06E-05	7.42E-05	7.42E-05	1.21E-05	1.14E-05	2.66E-05	4.09E-06	0.00E+00
South Carolina	Cherokee County	45021	U	Benzene	7.42E-01	7.42E-01	8.29E-01	8.76E-01	9.24E-01	1.02E+00	1.15E+00	1.15E+00	1.27E-03	1.36E-01	2.78E-01	2.92E-02	4.80E-01
South Carolina	Cherokee County	45021	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Beryllium Compounds	3.23E-06	3.23E-06	3.66E-06	4.32E-06	4.98E-06	6.63E-06	7.55E-06	7.55E-06	8.27E-07	3.22E-06	0.00E+00	9.29E-07	0.00E+00
South Carolina	Cherokee County	45021	U	1,3-Butadiene	7.24E-03	7.24E-03	1.07E-02	1.64E-02	2.05E-02	2.93E-02	3.79E-02	3.79E-02	5.85E-07	3.57E-03	1.51E-02	1.82E-03	0.00E+00
South Carolina	Cherokee County	45021	U	Cadmium Compounds	6.16E-06	6.16E-06	6.90E-06	7.54E-06	7.91E-06	8.83E-06	1.11E-05	1.11E-05	2.85E-06	4.14E-06	0.00E+00	9.26E-07	0.00E+00
South Carolina	Cherokee County	45021	U	Carbon Disulfide	4.74E-02	4.74E-02	4.77E-02	4.78E-02	4.77E-02	4.79E-02	4.80E-02	4.80E-02	2.33E-04	5.17E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Cherokee County	45021	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.75E-07	1.20E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Cherokee County	45021	U	Chloroform	9.00E-02	9.00E-02	9.25E-02	9.30E-02	9.58E-02	9.69E-02	1.07E-01	1.07E-01	2.55E-06	1.28E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Cherokee County	45021	U	Chromium Compounds (includes Hexavalent)	1.48E-04	1.48E-04	2.27E-04	2.77E-04	2.65E-04	3.29E-04	3.37E-04	3.37E-04	3.10E-05	2.15E-04	1.80E-05	5.68E-07	0.00E+00
South Carolina	Cherokee County	45021	U	Chromium VI	5.28E-05	5.28E-05	1.20E-04	1.84E-04	1.64E-04	2.21E-04	2.35E-04	2.35E-04	1.39E-05	1.43E-04	7.20E-06	1.93E-07	0.00E+00
South Carolina	Cherokee County	45021	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	1,4-Dichlorobenzene	7.80E-03	7.80E-03	1.03E-02	1.10E-02	1.40E-02	1.47E-02	2.57E-02	2.57E-02	1.58E-05	1.40E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	1,3-Dichloropropene	1.49E-02	1.49E-02	1.97E-02	2.11E-02	2.73E-02	2.88E-02	5.12E-02	5.12E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	9.45E-08	3.33E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Cherokee County	45021	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	2.16E-05	8.94E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Cherokee County	45021	U	Ethylene Oxide	7.29E-04	7.29E-04	9.26E-04	1.04E-03	1.24E-03	1.34E-03	2.18E-03	2.18E-03	4.12E-04	8.27E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Formaldehyde	4.42E-01	4.42E-01	4.83E-01	5.35E-01	5.37E-01	6.11E-01	6.34E-01	6.34E-01	2.35E-02	7.44E-02	1.58E-01	3.13E-02	2.50E-01
South Carolina	Cherokee County	45021	U	Hexachlorobenzene	9.34E-05	9.34E-05	9.36E-05	9.37E-05	9.39E-05	9.41E-05	9.49E-05	9.49E-05	7.13E-09	9.10E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Cherokee County	45021	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.43E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Cherokee County	45021	U	Hexamethylene Diisocyanate	2.04E-07	2.04E-07	3.27E-07	3.31E-07	9.73E-07	4.80E-07	5.09E-06	5.09E-06	1.28E-07	8.45E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Hydrazine	1.09E-10	1.09E-10	2.31E-10	3.31E-10	3.63E-07	3.81E-10	3.24E-06	3.24E-06	3.71E-09	3.59E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Lead Compounds	3.21E-04	3.21E-04	3.85E-04	4.38E-04	4.49E-04	5.37E-04	5.47E-04	5.47E-04	4.56E-05	1.91E-04	0.00E+00	2.12E-04	0.00E+00
South Carolina	Cherokee County	45021	U	Manganese Compounds	8.35E-05	8.35E-05	1.95E-04	2.73E-04	2.85E-04	3.41E-04	5.94E-04	5.94E-04	3.40E-05	2.45E-04	5.56E-06	4.60E-07	0.00E+00
South Carolina	Cherokee County	45021	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.57E-03	1.52E-06	7.64E-06	2.98E-05	4.44E-06	1.50E-03
South Carolina	Cherokee County	45021	U	Methylene Chloride	1.91E-01	1.91E-01	2.01E-01	2.12E-01	2.20E-01	2.20E-01	2.82E-01	2.82E-01	2.96E-03	6.74E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Cherokee County	45021	U	Nickel Compounds	2.49E-04	2.49E-04	2.81E-04	3.45E-04	8.90E-04	8.47E-04	4.16E-03	4.16E-03	9.82E-06	8.66E-04	1.34E-05	8.24E-07	0.00E+00
South Carolina	Cherokee County	45021	U	Perchloroethylene	1.53E-01	1.53E-01	1.55E-01	1.57E-01	1.60E-01	1.65E-01	1.71E-01	1.71E-01	2.90E-04	1.96E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Cherokee County	45021	U	Polychlorinated Biphenyls	4.25E-04	4.25E-04	4.43E-04	4.56E-04	4.79E-04	5.05E-04	5.91E-04	5.91E-04	5.05E-10	9.90E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Cherokee County	45021	U	Polycyclic Organic Matter	1.97E-02	1.97E-02	2.48E-02	2.99E-02	3.17E-02	3.23E-02	4.97E-02	4.97E-02	6.68E-05	2.47E-02	6.29E-03	6.41E-04	0.00E+00
South Carolina	Cherokee County	45021	U	7-PAH	1.22E-03	1.22E-03	1.46E-03	1.63E-03	1.76E-03	2.01E-03	2.71E-03	2.71E-03	5.08E-07	1.70E-03	4.49E-05	7.12E-06	0.00E+00
South Carolina	Cherokee County	45021	U	Propylene Dichloride	2.62E-05	2.62E-05	3.61E-05	4.47E-05	5.05E-05	6.44E-05	7.99E-05	7.99E-05	1.03E-05	4.02E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Quinoline	4.88E-09	4.88E-09	1.19E-08	1.80E-08	2.03E-08	1.94E-08	6.12E-08	6.12E-08	0.00E+00	2.03E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	1,1,2,2-Tetrachloroethane	2.13E-04	2.13E-04	2.89E-04	3.40E-04	4.02E-04	5.10E-04	6.49E-04	6.49E-04	8.97E-05	3.13E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Cherokee County	45021	U	Trichloroethylene	8.49E-02	8.49E-02	8.62E-02	8.72E-02	8.90E-02	8.93E-02	9.87E-02	9.87E-02	2.23E-04	7.81E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Cherokee County	45021	U	Vinyl Chloride	5.47E-04	5.47E-04	1.34E-03	1.45E-03	1.55E-03	1.88E-03	2.22E-03	2.22E-03	2.21E-04	1.32E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Acetaldehyde	7.43E-02	9.24E-02	1.22E-01	1.35E-01	1.78E-01	2.53E-01	3.39E-01	3.91E-01	3.52E-02	1.50E-02	1.16E-01	1.26E-02	0.00E+00
South Carolina	Chester County	45023	R	Acrolein	2.20E-02	2.39E-02	3.47E-02	3.68E-02	3.66E-02	4.30E-02	4.56E-02	4.66E-02	1.07E-03	1.94E-02	1.37E-02	2.41E-03	0.00E+00
South Carolina	Chester County	45023	R	Acrylonitrile	3.82E-05	5.14E-05	8.59E-05	1.19E-04	1.15E-04	1.43E-04	1.73E-04	1.99E-04	1.01E-06	1.14E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Arsenic Compounds	3.22E-05	4.77E-05	7.35E-05	8.72E-05	1.14E-04	1.43E-04	2.36E-04	2.60E-04	8.97E-05	7.39E-06	1.42E-05	3.10E-06	0.00E+00
South Carolina	Chester County	45023	R	Benzene	5.92E-01	6.07E-01	6.83E-01	7.66E-01	7.67E-01	8.47E-01	9.05E-01	9.26E-01	9.94E-04	1.08E-01	1.50E-01	2.82E-02	4.80E-01
South Carolina	Chester County	45023	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-13	4.29E-13	1.75E-12	2.28E-12	0.00E+00	3.93E-13	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Beryllium Compounds	9.90E-07	1.56E-06	2.14E-06	3.61E-06	3.73E-06	5.01E-06	6.79E-06	7.83E-06	1.49E-06	1.47E-06	0.00E+00	7.68E-07	0.00E+00
South Carolina	Chester County	45023	R	1,3-Butadiene	5.17E-03	5.88E-03	1.05E-02	1.42E-02	1.57E-02	2.06E-02	2.67E-02	2.90E-02	4.30E-06	4.76E-03	8.69E-03	2.20E-03	0.00E+00
South Carolina	Chester County	45023	R	Cadmium Compounds	2.64E-06	3.23E-06	4.57E-06	9.94E-06	9.86E-06	1.34E-05	1.86E-05	2.14E-05	4.00E-06	5.10E-06	0.00E+00	7.66E-07	0.00E+00
South Carolina	Chester County	45023	R	Carbon Disulfide	4.81E-02	4.81E-02	4.82E-02	4.85E-02	4.95E-02	5.02E-02	5.28E-02	5.32E-02	1.92E-03	5.69E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Chester County	45023	R	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	8.84E-01	8.87E-01	8.87E-01	2.67E-03	3.81E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Chester County	45023	R	Chloroform	9.12E-02	9.29E-02	9.91E-02	1.10E-01	1.11E-01	1.22E-01	1.30E-01	1.33E-01	1.20E-02	1.57E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Chester County	45023	R	Chromium Compounds (includes Hexavalent)	2.47E-05	2.79E-05	4.26E-05	5.85E-05	6.47E-05	9.46E-05	1.09E-04	1.15E-04	3.78E-05	1.67E-05	9.63E-06	5.51E-07	0.00E+00

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State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Chester County	45023	R	Chromium VI	9.52E-06	1.06E-05	1.72E-05	2.24E-05	2.24E-05	2.47E-05	3.70E-05	3.78E-05	1.37E-05	4.72E-06	3.82E-06	1.87E-07	0.00E+00
South Carolina	Chester County	45023	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	1,4-Dichlorobenzene	2.70E-03	3.19E-03	4.41E-03	6.65E-03	1.12E-02	1.97E-02	2.79E-02	3.23E-02	1.11E-06	1.12E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	1,3-Dichloropropene	5.15E-03	6.06E-03	8.54E-03	1.28E-02	2.24E-02	3.99E-02	5.66E-02	6.56E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.25E-08	1.73E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Chester County	45023	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	6.16E-02	6.16E-02	2.38E-04	1.66E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Chester County	45023	R	Ethylene Oxide	1.17E-03	1.34E-03	1.74E-03	1.77E-03	1.97E-03	2.24E-03	2.87E-03	3.18E-03	1.30E-03	6.67E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Formaldehyde	3.63E-01	3.92E-01	4.23E-01	4.83E-01	4.83E-01	5.27E-01	5.65E-01	5.70E-01	4.45E-02	7.45E-02	8.90E-02	2.45E-02	2.50E-01
South Carolina	Chester County	45023	R	Hexachlorobenzene	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.38E-05	9.45E-05	9.50E-05	9.52E-05	7.87E-09	7.85E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Chester County	45023	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	2.22E-09	1.44E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Chester County	45023	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-06	3.23E-06	1.19E-05	1.35E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Hydrazine	1.81E-09	1.85E-09	2.06E-09	3.17E-09	3.30E-06	5.03E-06	1.20E-05	1.28E-05	2.30E-09	3.30E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Lead Compounds	1.41E-04	2.32E-04	3.67E-04	5.02E-04	4.93E-04	5.54E-04	7.86E-04	9.15E-04	1.39E-04	2.60E-04	0.00E+00	9.42E-05	0.00E+00
South Carolina	Chester County	45023	R	Manganese Compounds	2.92E-04	3.87E-04	5.12E-04	6.40E-04	7.60E-04	8.30E-04	1.44E-03	1.54E-03	4.81E-04	2.75E-04	3.00E-06	3.76E-07	0.00E+00
South Carolina	Chester County	45023	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.57E-03	2.56E-06	1.11E-05	1.58E-05	3.32E-06	1.50E-03
South Carolina	Chester County	45023	R	Methylene Chloride	1.65E-01	1.70E-01	1.80E-01	2.10E-01	2.18E-01	2.39E-01	2.89E-01	3.10E-01	1.87E-02	4.92E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Chester County	45023	R	Nickel Compounds	3.53E-05	3.93E-05	5.37E-05	7.44E-05	8.63E-05	1.13E-04	1.58E-04	1.66E-04	6.19E-05	1.65E-05	7.15E-06	6.97E-07	0.00E+00
South Carolina	Chester County	45023	R	Perchloroethylene	1.46E-01	1.47E-01	1.49E-01	1.54E-01	1.58E-01	1.68E-01	1.73E-01	1.77E-01	5.09E-04	1.77E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Chester County	45023	R	Polychlorinated Biphenyls	3.96E-04	4.02E-04	4.13E-04	4.21E-04	4.75E-04	5.64E-04	6.19E-04	6.52E-04	0.00E+00	9.47E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Chester County	45023	R	Polycyclic Organic Matter	8.91E-03	9.90E-03	1.34E-02	1.74E-02	2.13E-02	3.20E-02	3.87E-02	4.28E-02	5.59E-05	1.73E-02	3.42E-03	4.98E-04	0.00E+00
South Carolina	Chester County	45023	R	7-PAH	8.70E-04	9.31E-04	9.98E-04	1.21E-03	1.52E-03	2.20E-03	2.61E-03	2.83E-03	5.42E-07	1.49E-03	2.33E-05	6.88E-06	0.00E+00
South Carolina	Chester County	45023	R	Propylene Dichloride	2.54E-06	3.87E-06	6.55E-06	8.13E-06	7.67E-06	9.10E-06	1.04E-05	1.13E-05	3.51E-08	7.63E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Quinoline	7.00E-08	7.19E-08	7.46E-08	7.70E-08	1.32E-07	1.72E-07	2.84E-07	3.31E-07	0.00E+00	1.32E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	1,1,2,2-Tetrachloroethane	1.88E-07	1.55E-05	3.67E-05	6.22E-05	5.62E-05	7.56E-05	8.70E-05	9.53E-05	8.77E-08	5.61E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chester County	45023	R	Trichloroethylene	8.22E-02	8.25E-02	8.28E-02	8.45E-02	8.70E-02	9.00E-02	9.70E-02	9.88E-02	4.92E-04	5.51E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Chester County	45023	R	Vinyl Chloride	4.65E-06	4.28E-05	1.30E-04	1.61E-04	1.49E-04	1.88E-04	2.20E-04	2.43E-04	2.04E-08	1.49E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Acetaldehyde	5.99E-02	5.99E-02	7.01E-02	9.38E-02	9.17E-02	1.14E-01	1.18E-01	1.18E-01	1.87E-02	1.11E-02	5.58E-02	6.17E-03	0.00E+00
South Carolina	Chesterfield County	45025	R	Acrolein	1.88E-02	1.88E-02	2.11E-02	2.40E-02	2.32E-02	2.48E-02	2.73E-02	2.73E-02	9.78E-05	1.39E-02	8.05E-03	1.24E-03	0.00E+00
South Carolina	Chesterfield County	45025	R	Acrylonitrile	1.69E-05	1.69E-05	1.82E-05	2.95E-05	5.78E-05	8.81E-05	1.74E-04	1.74E-04	3.13E-05	2.65E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Arsenic Compounds	1.27E-05	1.27E-05	1.54E-05	2.20E-05	2.17E-05	2.70E-05	3.20E-05	3.20E-05	6.06E-06	6.64E-06	7.30E-06	1.70E-06	0.00E+00
South Carolina	Chesterfield County	45025	R	Benzene	5.94E-01	5.94E-01	6.05E-01	6.17E-01	6.28E-01	6.59E-01	6.70E-01	6.70E-01	6.79E-04	5.75E-02	7.74E-02	1.25E-02	4.80E-01
South Carolina	Chesterfield County	45025	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Beryllium Compounds	6.27E-07	6.27E-07	8.90E-07	1.24E-06	1.36E-06	1.87E-06	2.27E-06	2.27E-06	2.85E-07	9.81E-07	0.00E+00	9.76E-08	0.00E+00
South Carolina	Chesterfield County	45025	R	1,3-Butadiene	5.68E-03	5.68E-03	6.02E-03	7.08E-03	7.43E-03	8.35E-03	1.09E-02	1.09E-02	0.00E+00	3.24E-03	3.58E-03	6.05E-04	0.00E+00
South Carolina	Chesterfield County	45025	R	Cadmium Compounds	2.04E-06	2.04E-06	2.58E-06	3.40E-06	3.31E-06	4.01E-06	4.43E-06	4.43E-06	1.72E-06	1.50E-06	0.00E+00	9.68E-08	0.00E+00
South Carolina	Chesterfield County	45025	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.77E-02	4.76E-02	4.80E-02	4.83E-02	4.83E-02	4.08E-04	2.32E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Chesterfield County	45025	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	5.75E-04	3.50E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Chesterfield County	45025	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.60E-02	8.65E-02	8.92E-02	9.05E-02	9.05E-02	2.47E-03	1.08E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Chesterfield County	45025	R	Chromium Compounds (includes Hexavalent)	2.50E-05	2.50E-05	2.88E-05	4.37E-05	5.79E-05	8.93E-05	1.15E-04	1.15E-04	8.31E-06	4.46E-05	4.89E-06	1.68E-07	0.00E+00
South Carolina	Chesterfield County	45025	R	Chromium VI	9.29E-06	9.29E-06	9.88E-06	1.55E-05	2.11E-05	2.96E-05	4.97E-05	4.97E-05	3.61E-06	1.55E-05	1.95E-06	5.70E-08	0.00E+00
South Carolina	Chesterfield County	45025	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	1,4-Dichlorobenzene	2.53E-03	2.53E-03	2.90E-03	3.61E-03	4.06E-03	5.11E-03	6.74E-03	6.74E-03	7.51E-07	4.06E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	1,3-Dichloropropene	4.81E-03	4.81E-03	5.55E-03	6.96E-03	7.87E-03	9.91E-03	1.33E-02	1.33E-02	0.00E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.50E-09	3.90E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Chesterfield County	45025	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	5.26E-05	3.62E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Chesterfield County	45025	R	Ethylene Oxide	2.85E-05	2.85E-05	3.75E-05	4.19E-05	5.14E-05	6.09E-05	1.02E-04	1.02E-04	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Formaldehyde	3.53E-01	3.53E-01	3.79E-01	4.11E-01	4.22E-01	4.69E-01	5.02E-01	5.02E-01	4.52E-02	7.27E-02	4.25E-02	1.12E-02	2.50E-01
South Carolina	Chesterfield County	45025	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	0.00E+00	2.85E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Chesterfield County	45025	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.75E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Chesterfield County	45025	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-08	3.61E-08	6.09E-08	6.09E-08	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Hydrazine	1.63E-10	1.63E-10	5.17E-10	6.95E-10	7.67E-10	1.08E-09	1.40E-09	1.40E-09	0.00E+00	7.67E-10	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Lead Compounds	9.12E-05	9.12E-05	1.15E-04	1.59E-04	2.26E-04	1.97E-04	7.72E-04	7.72E-04	2.99E-05	1.86E-05	0.00E+00	1.77E-04	0.00E+00
South Carolina	Chesterfield County	45025	R	Manganese Compounds	2.19E-04	2.19E-04	2.90E-04	3.83E-04	3.99E-04	4.59E-04	7.12E-04	7.12E-04	2.66E-04	1.32E-04	1.50E-06	1.66E-07	0.00E+00
South Carolina	Chesterfield County	45025	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.61E-03	1.61E-03	1.44E-06	1.31E-05	8.24E-06	1.56E-06	1.50E-03
South Carolina	Chesterfield County	45025	R	Methylene Chloride	1.62E-01	1.62E-01	1.62E-01	1.64E-01	1.67E-01	1.73E-01	1.78E-01	1.78E-01	5.96E-04	1.67E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Chesterfield County	45025	R	Nickel Compounds	2.22E-05	2.22E-05	4.38E-05	6.67E-05	8.26E-05	1.05E-04	2.07E-04	2.07E-04	3.85E-05	4.02E-05	3.64E-06	2.60E-07	0.00E+00
South Carolina	Chesterfield County	45025	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.46E-01	1.49E-01	1.51E-01	1.51E-01	8.54E-05	6.07E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Chesterfield County	45025	R	Polychlorinated Biphenyls	3.98E-04	3.98E-04	4.02E-04	4.09E-04	4.12E-04	4.20E-04	4.35E-04	4.35E-04	0.00E+00	3.17E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Chesterfield County	45025	R	Polycyclic Organic Matter	8.14E-03	8.14E-03	8.98E-03	1.03E-02	1.08E-02	1.22E-02	1.52E-02	1.52E-02	2.90E-04	8.55E-03	1.73E-03	2.11E-04	0.00E+00
South Carolina	Chesterfield County	45025	R	7-PAH	7.40E-04	7.40E-04	8.54E-04	8.87E-04	8.79E-04	9.13E-04	9.87E-04	9.87E-04	9.10E-08	8.64E-04	1.21E-05	2.89E-06	0.00E+00
South Carolina	Chesterfield County	45025	R	Propylene Dichloride	4.04E-07	4.04E-07	8.53E-07	1.53E-06	1.57E-06	2.33E-06	2.69E-06	2.69E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Quinoline	8.94E-09	8.94E-09	2.45E-08	2.95E-08	3.59E-08	5.10E-08	6.81E-08	6.81E-08	0.00E+00	3.59E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	1,1,2,2-Tetrachloroethane	1.45E-06	1.45E-06	1.90E-06	6.11E-06	6.89E-06	1.11E-05	1.55E-05	1.55E-05	0.00E+00	6.89E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Chesterfield County	45025	R	Trichloroethylene	8.27E-02	8.27E-02	8.30E-02	8.46E-02	8.97E-02	8.93E-02	1.21E-01	1.21E-01	2.19E-04	8.46E-03	0.00E+00	0.00E+00	8.10E-02

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Chesterfield County	45025	R	Vinyl Chloride	1.42E-05	1.42E-05	2.09E-05	3.60E-05	3.27E-05	3.84E-05	5.67E-05	5.67E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Acetaldehyde	8.78E-02	9.34E-02	1.14E-01	1.76E-01	1.98E-01	1.99E-01	4.03E-01	5.48E-01	1.45E-02	1.33E-02	1.53E-01	1.68E-02	0.00E+00
South Carolina	Clarendon County	45027	R	Acrolein	2.42E-02	2.44E-02	2.61E-02	3.05E-02	3.08E-02	3.20E-02	4.04E-02	4.72E-02	1.36E-04	1.20E-02	1.55E-02	3.12E-03	0.00E+00
South Carolina	Clarendon County	45027	R	Acrylonitrile	4.70E-06	4.81E-06	5.74E-06	1.92E-05	1.84E-05	3.11E-05	3.34E-05	3.41E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Arsenic Compounds	2.84E-05	3.28E-05	4.30E-05	5.38E-05	5.21E-05	6.16E-05	6.76E-05	7.29E-05	1.74E-05	1.42E-05	1.74E-05	3.08E-06	0.00E+00
South Carolina	Clarendon County	45027	R	Benzene	6.24E-01	6.29E-01	6.85E-01	7.11E-01	7.33E-01	7.61E-01	8.91E-01	9.82E-01	5.04E-04	4.46E-02	1.63E-01	4.53E-02	4.80E-01
South Carolina	Clarendon County	45027	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Beryllium Compounds	6.33E-07	6.87E-07	9.54E-07	1.65E-06	1.64E-06	2.27E-06	2.75E-06	2.87E-06	1.13E-06	4.16E-07	0.00E+00	9.27E-08	0.00E+00
South Carolina	Clarendon County	45027	R	1,3-Butadiene	5.20E-03	5.56E-03	7.61E-03	9.53E-03	1.31E-02	1.58E-02	2.76E-02	3.70E-02	0.00E+00	2.42E-03	8.78E-03	1.90E-03	0.00E+00
South Carolina	Clarendon County	45027	R	Cadmium Compounds	2.52E-06	5.51E-06	1.02E-05	3.11E-05	2.84E-05	4.30E-05	5.10E-05	5.50E-05	1.74E-05	1.10E-05	0.00E+00	9.21E-08	0.00E+00
South Carolina	Clarendon County	45027	R	Carbon Disulfide	4.73E-02	4.73E-02	4.75E-02	4.78E-02	4.80E-02	4.86E-02	4.91E-02	4.92E-02	5.41E-04	4.85E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Clarendon County	45027	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	7.70E-04	2.96E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Clarendon County	45027	R	Chloroform	8.38E-02	8.38E-02	8.42E-02	8.76E-02	8.85E-02	9.27E-02	9.59E-02	9.59E-02	3.96E-03	1.50E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Clarendon County	45027	R	Chromium Compounds (includes Hexavalent)	3.68E-05	4.46E-05	5.41E-05	6.14E-05	6.31E-05	7.34E-05	8.57E-05	9.24E-05	3.99E-05	1.17E-05	1.11E-05	4.10E-07	0.00E+00
South Carolina	Clarendon County	45027	R	Chromium VI	7.13E-06	8.65E-06	1.17E-05	1.81E-05	1.78E-05	2.06E-05	2.84E-05	3.44E-05	1.03E-05	2.86E-06	4.43E-06	1.39E-07	0.00E+00
South Carolina	Clarendon County	45027	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	1,4-Dichlorobenzene	2.59E-03	2.75E-03	3.22E-03	3.57E-03	5.38E-03	4.88E-03	1.29E-02	2.06E-02	2.63E-08	5.38E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	1,3-Dichloropropene	4.98E-03	5.25E-03	6.20E-03	6.91E-03	1.06E-02	9.64E-03	2.57E-02	4.15E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.43E-08	8.73E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Clarendon County	45027	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.99E-05	4.02E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Clarendon County	45027	R	Ethylene Oxide	5.49E-05	5.76E-05	6.24E-05	8.66E-05	1.06E-04	1.45E-04	1.84E-04	1.85E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Formaldehyde	3.90E-01	3.90E-01	4.02E-01	4.34E-01	4.49E-01	4.39E-01	5.77E-01	6.57E-01	2.54E-02	4.94E-02	1.00E-01	2.40E-02	2.50E-01
South Carolina	Clarendon County	45027	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	0.00E+00	2.67E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Clarendon County	45027	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.19E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Clarendon County	45027	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-08	9.48E-08	1.14E-07	1.25E-07	0.00E+00	3.23E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Hydrazine	9.55E-10	1.10E-09	1.46E-09	2.48E-09	2.58E-09	3.38E-09	4.54E-09	4.61E-09	0.00E+00	2.58E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Lead Compounds	3.22E-04	3.53E-04	3.88E-04	5.02E-04	5.51E-04	5.75E-04	9.38E-04	1.16E-03	9.75E-05	2.73E-04	0.00E+00	1.80E-04	0.00E+00
South Carolina	Clarendon County	45027	R	Manganese Compounds	1.01E-04	1.12E-04	1.79E-04	2.66E-04	3.54E-04	5.53E-04	6.57E-04	7.11E-04	2.55E-04	9.48E-05	3.50E-06	3.28E-07	0.00E+00
South Carolina	Clarendon County	45027	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	1.57E-03	1.88E-05	4.44E-06	2.01E-05	2.56E-06	1.50E-03
South Carolina	Clarendon County	45027	R	Methylene Chloride	1.62E-01	1.62E-01	1.63E-01	1.68E-01	1.79E-01	1.73E-01	2.28E-01	2.80E-01	1.34E-02	1.56E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Clarendon County	45027	R	Nickel Compounds	6.09E-05	6.95E-05	8.42E-05	9.82E-05	1.02E-04	1.21E-04	1.42E-04	1.50E-04	6.18E-05	3.10E-05	8.35E-06	5.45E-07	0.00E+00
South Carolina	Clarendon County	45027	R	Perchloroethylene	1.46E-01	1.46E-01	1.47E-01	1.49E-01	1.51E-01	1.55E-01	1.58E-01	1.61E-01	1.38E-04	1.04E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Clarendon County	45027	R	Polychlorinated Biphenyls	3.95E-04	3.97E-04	3.99E-04	4.07E-04	4.08E-04	4.13E-04	4.25E-04	4.37E-04	0.00E+00	2.84E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Clarendon County	45027	R	Polycyclic Organic Matter	7.78E-03	8.85E-03	1.17E-02	1.40E-02	1.58E-02	1.59E-02	2.85E-02	3.82E-02	3.69E-03	7.96E-03	3.80E-03	3.63E-04	0.00E+00
South Carolina	Clarendon County	45027	R	7-PAH	6.08E-04	6.09E-04	6.20E-04	7.14E-04	7.14E-04	7.42E-04	8.56E-04	9.32E-04	5.21E-08	6.75E-04	2.84E-05	1.14E-05	0.00E+00
South Carolina	Clarendon County	45027	R	Propylene Dichloride	6.38E-07	6.77E-07	9.34E-07	1.42E-06	1.66E-06	2.16E-06	3.13E-06	3.19E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Quinoline	4.63E-08	4.96E-08	6.07E-08	8.30E-08	9.43E-08	9.73E-08	1.81E-07	1.84E-07	0.00E+00	9.43E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	1,1,2,2-Tetrachloroethane	1.40E-08	1.49E-08	2.18E-08	3.77E-06	5.22E-06	1.04E-05	1.27E-05	1.48E-05	0.00E+00	5.22E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Clarendon County	45027	R	Trichloroethylene	8.16E-02	8.18E-02	8.20E-02	8.22E-02	8.24E-02	8.30E-02	8.32E-02	8.34E-02	1.44E-04	1.23E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Clarendon County	45027	R	Vinyl Chloride	1.75E-06	1.93E-06	2.22E-06	1.19E-05	1.58E-05	3.13E-05	3.48E-05	3.79E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Acetaldehyde	5.87E-02	5.87E-02	7.77E-02	9.44E-02	1.05E-01	1.37E-01	1.62E-01	1.62E-01	9.95E-04	1.52E-02	7.81E-02	1.05E-02	0.00E+00
South Carolina	Colleton County	45029	R	Acrolein	2.02E-02	2.02E-02	2.09E-02	2.42E-02	2.60E-02	2.58E-02	4.61E-02	4.61E-02	2.86E-05	1.45E-02	9.47E-03	1.99E-03	0.00E+00
South Carolina	Colleton County	45029	R	Acrylonitrile	1.42E-06	1.42E-06	1.99E-05	3.40E-05	3.50E-05	4.07E-05	8.92E-05	8.92E-05	5.11E-06	2.99E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Arsenic Compounds	6.08E-06	6.08E-06	2.91E-05	4.77E-05	5.17E-05	7.56E-05	1.03E-04	1.03E-04	3.66E-05	2.98E-06	1.03E-05	1.72E-06	0.00E+00
South Carolina	Colleton County	45029	R	Benzene	5.68E-01	5.68E-01	6.04E-01	6.23E-01	6.65E-01	6.59E-01	9.79E-01	9.79E-01	1.00E-03	5.90E-02	9.86E-02	2.63E-02	4.80E-01
South Carolina	Colleton County	45029	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Beryllium Compounds	5.52E-07	5.52E-07	1.55E-06	2.41E-06	2.87E-06	4.21E-06	6.11E-06	6.11E-06	2.12E-06	5.14E-07	0.00E+00	2.43E-07	0.00E+00
South Carolina	Colleton County	45029	R	1,3-Butadiene	4.28E-03	4.28E-03	5.06E-03	5.97E-03	1.04E-02	1.17E-02	3.38E-02	3.38E-02	0.00E+00	3.79E-03	5.26E-03	1.39E-03	0.00E+00
South Carolina	Colleton County	45029	R	Cadmium Compounds	7.71E-07	7.71E-07	3.32E-06	2.34E-05	2.10E-05	3.42E-05	4.59E-05	4.59E-05	1.99E-05	8.72E-07	0.00E+00	2.43E-07	0.00E+00
South Carolina	Colleton County	45029	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.74E-02	4.74E-02	4.69E-05	4.47E-05	0.00E+00	0.00E+00	4.70E-02
South Carolina	Colleton County	45029	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	5.78E-05	1.31E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Colleton County	45029	R	Chloroform	8.43E-02	8.43E-02	8.45E-02	8.48E-02	8.58E-02	8.63E-02	9.07E-02	9.07E-02	2.98E-04	2.48E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Colleton County	45029	R	Chromium Compounds (includes Hexavalent)	4.07E-06	4.07E-06	1.74E-05	3.51E-05	3.92E-05	6.23E-05	7.97E-05	7.97E-05	2.97E-05	2.44E-06	6.64E-06	3.48E-07	0.00E+00
South Carolina	Colleton County	45029	R	Chromium VI	1.63E-06	1.63E-06	4.65E-06	7.06E-06	7.74E-06	1.00E-05	1.68E-05	1.68E-05	3.65E-06	1.33E-06	2.65E-06	1.18E-07	0.00E+00
South Carolina	Colleton County	45029	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	1,4-Dichlorobenzene	1.50E-03	1.50E-03	1.95E-03	2.25E-03	4.02E-03	3.42E-03	1.54E-02	1.54E-02	6.40E-07	4.02E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	1,3-Dichloropropene	2.87E-03	2.87E-03	3.72E-03	4.34E-03	7.95E-03	6.66E-03	3.13E-02	3.13E-02	0.00E+00	7.95E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.26E-08	2.01E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Colleton County	45029	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	7.60E-06	4.45E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Colleton County	45029	R	Ethylene Oxide	1.76E-05	1.76E-05	2.54E-05	3.59E-05	1.12E-04	5.45E-05	6.50E-04	6.50E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Formaldehyde	3.47E-01	3.47E-01	3.59E-01	3.86E-01	3.98E-01	4.13E-01	5.23E-01	5.23E-01	1.63E-02	6.05E-02	5.57E-02	1.58E-02	2.50E-01
South Carolina	Colleton County	45029	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.33E-05	9.53E-05	9.53E-05	0.00E+00	4.20E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Colleton County	45029	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.96E-09	0.00E+00	0.00E+00	1.80E-03
South Carolina	Colleton County	45029	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-08	1.90E-07	2.81E-07	2.81E-07	4.75E-08	3.52E-08	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Colleton County	45029	R	Hydrazine	2.15E-11	2.15E-11	4.35E-11	6.84E-11	1.23E-10	2.00E-10	3.36E-10	3.36E-10	0.00E+00	1.23E-10	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Lead Compounds	4.21E-05	4.21E-05	1.90E-04	3.47E-04	5.10E-04	5.40E-04	1.88E-03	1.88E-03	1.36E-04	5.27E-05	0.00E+00	3.21E-04	0.00E+00
South Carolina	Colleton County	45029	R	Manganese Compounds	1.17E-05	1.17E-05	4.38E-05	7.25E-05	9.50E-05	1.20E-04	2.76E-04	2.76E-04	7.37E-05	1.91E-05	2.06E-06	2.35E-07	0.00E+00
South Carolina	Colleton County	45029	R	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	3.06E-05	1.66E-06	1.19E-05	1.64E-06	1.50E-03
South Carolina	Colleton County	45029	R	Methylene Chloride	1.55E-01	1.55E-01	1.60E-01	1.62E-01	1.76E-01	1.87E-01	2.37E-01	2.37E-01	6.03E-03	2.02E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Colleton County	45029	R	Nickel Compounds	4.14E-06	4.14E-06	2.62E-05	5.52E-05	5.80E-05	9.20E-05	1.13E-04	1.13E-04	4.83E-05	3.89E-06	5.03E-06	8.13E-07	0.00E+00
South Carolina	Colleton County	45029	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.54E-01	1.54E-01	2.04E-05	4.27E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Colleton County	45029	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.90E-04	3.95E-04	4.31E-04	4.12E-04	6.64E-04	6.64E-04	0.00E+00	5.05E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Colleton County	45029	R	Polycyclic Organic Matter	4.68E-03	4.68E-03	5.86E-03	8.47E-03	1.16E-02	1.33E-02	3.29E-02	3.29E-02	1.97E-03	6.96E-03	2.31E-03	3.61E-04	0.00E+00
South Carolina	Colleton County	45029	R	7-PAH	4.66E-04	4.66E-04	5.75E-04	6.81E-04	8.89E-04	7.57E-04	2.62E-03	2.62E-03	8.78E-08	8.65E-04	1.69E-05	7.05E-06	0.00E+00
South Carolina	Colleton County	45029	R	Propylene Dichloride	1.77E-07	1.77E-07	1.20E-06	2.05E-06	2.11E-06	2.45E-06	5.30E-06	5.30E-06	3.10E-07	1.80E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Quinoline	9.80E-10	9.80E-10	2.04E-09	2.82E-09	5.01E-09	6.95E-09	1.55E-08	1.55E-08	0.00E+00	5.01E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	1,1,2,2-Tetrachloroethane	4.71E-09	4.71E-09	1.06E-05	1.81E-05	1.83E-05	2.16E-05	4.58E-05	4.58E-05	2.84E-06	1.54E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Colleton County	45029	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.21E-02	8.29E-02	8.25E-02	8.92E-02	8.92E-02	3.20E-05	1.83E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Colleton County	45029	R	Vinyl Chloride	5.10E-07	5.10E-07	2.61E-05	4.47E-05	4.52E-05	5.32E-05	1.13E-04	1.13E-04	6.99E-06	3.82E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Acetaldehyde	1.15E-01	1.42E-01	2.40E-01	3.67E-01	1.06E+00	5.88E-01	2.05E+00	9.79E+00	9.15E-01	9.32E-03	1.17E-01	1.65E-02	0.00E+00
South Carolina	Darlington County	45031	R	Acrolein	2.64E-02	2.78E-02	2.97E-02	3.81E-02	3.69E-02	4.11E-02	4.83E-02	5.29E-02	4.07E-04	1.65E-02	1.76E-02	2.43E-03	0.00E+00
South Carolina	Darlington County	45031	R	Acrylonitrile	4.53E-05	4.87E-05	6.72E-05	9.61E-05	1.63E-04	1.78E-04	2.88E-04	8.69E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Arsenic Compounds	3.68E-05	3.76E-05	4.38E-05	4.93E-05	9.89E-05	9.11E-05	1.95E-04	5.70E-04	6.48E-05	1.15E-05	1.70E-05	5.51E-06	0.00E+00
South Carolina	Darlington County	45031	R	Benzene	6.45E-01	6.46E-01	7.20E-01	7.88E-01	8.32E-01	8.94E-01	1.12E+00	1.25E+00	1.93E-02	1.11E-01	1.81E-01	4.06E-02	4.80E-01
South Carolina	Darlington County	45031	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Beryllium Compounds	8.86E-07	1.16E-06	1.52E-06	2.24E-06	5.05E-06	6.37E-06	8.57E-06	3.13E-05	2.88E-06	2.14E-06	0.00E+00	3.88E-08	0.00E+00
South Carolina	Darlington County	45031	R	1,3-Butadiene	5.60E-03	6.00E-03	9.18E-03	1.38E-02	1.67E-02	2.07E-02	3.01E-02	4.69E-02	0.00E+00	3.17E-03	9.37E-03	4.13E-03	0.00E+00
South Carolina	Darlington County	45031	R	Cadmium Compounds	2.99E-06	3.97E-06	4.60E-06	5.81E-06	1.80E-05	2.35E-05	6.19E-05	7.50E-05	1.44E-05	3.53E-06	0.00E+00	3.85E-08	0.00E+00
South Carolina	Darlington County	45031	R	Carbon Disulfide	4.83E-02	4.83E-02	4.89E-02	4.98E-02	5.62E-02	5.52E-02	6.29E-02	1.17E-01	2.11E-03	7.07E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Darlington County	45031	R	Carbon Tetrachloride	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.83E-01	8.84E-01	8.85E-01	8.86E-01	2.99E-03	1.38E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Darlington County	45031	R	Chloroform	9.08E-02	9.25E-02	9.62E-02	9.97E-02	1.03E-01	1.09E-01	1.18E-01	1.22E-01	1.27E-02	7.70E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Darlington County	45031	R	Chromium Compounds (includes Hexavalent)	3.08E-05	3.81E-05	4.26E-05	6.96E-05	8.19E-05	9.17E-05	1.58E-04	2.32E-04	3.73E-05	3.23E-05	1.17E-05	5.93E-07	0.00E+00
South Carolina	Darlington County	45031	R	Chromium VI	1.20E-05	1.54E-05	1.75E-05	2.71E-05	3.40E-05	4.13E-05	5.72E-05	1.18E-04	1.84E-05	1.08E-05	4.63E-06	2.02E-07	0.00E+00
South Carolina	Darlington County	45031	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	1,4-Dichlorobenzene	4.50E-03	5.27E-03	6.32E-03	1.12E-02	1.29E-02	1.53E-02	2.70E-02	3.70E-02	1.03E-06	1.29E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	1,3-Dichloropropene	8.60E-03	1.03E-02	1.23E-02	2.24E-02	2.57E-02	3.08E-02	5.45E-02	7.49E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.72E-03	1.55E-07	1.70E-06	0.00E+00	0.00E+00	7.70E-03
South Carolina	Darlington County	45031	R	Ethylene Dichloride	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.14E-02	6.16E-02	6.18E-02	2.73E-04	5.24E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Darlington County	45031	R	Ethylene Oxide	6.59E-05	7.89E-05	9.77E-05	1.88E-04	3.49E-04	3.00E-04	5.09E-04	2.53E-03	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Formaldehyde	4.56E-01	4.59E-01	4.91E-01	5.23E-01	5.31E-01	5.82E-01	6.10E-01	6.24E-01	9.17E-02	6.67E-02	9.05E-02	3.17E-02	2.50E-01
South Carolina	Darlington County	45031	R	Hexachlorobenzene	9.33E-05	9.33E-05	9.34E-05	9.39E-05	9.40E-05	9.42E-05	9.54E-05	9.60E-05	0.00E+00	9.64E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Darlington County	45031	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	5.05E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Darlington County	45031	R	Hexamethylene Diisocyanate	7.19E-08	8.01E-08	9.53E-08	1.33E-07	2.00E-07	2.75E-07	4.61E-07	4.64E-07	7.08E-10	1.99E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Hydrazine	1.31E-09	1.46E-09	1.93E-09	5.84E-09	7.00E-07	3.65E-07	1.31E-06	7.93E-06	0.00E+00	7.00E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Lead Compounds	1.70E-04	2.02E-04	2.34E-04	3.94E-04	4.23E-04	5.08E-04	7.67E-04	9.48E-04	1.48E-04	1.18E-04	0.00E+00	1.57E-04	0.00E+00
South Carolina	Darlington County	45031	R	Manganese Compounds	5.84E-04	5.91E-04	6.46E-04	7.42E-04	1.77E-03	1.75E-03	3.57E-03	9.90E-03	1.61E-03	1.53E-04	3.65E-06	5.45E-07	0.00E+00
South Carolina	Darlington County	45031	R	Mercury Compounds	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.58E-03	1.64E-03	1.26E-05	6.68E-06	1.90E-05	4.44E-06	1.50E-03
South Carolina	Darlington County	45031	R	Methylene Chloride	1.69E-01	1.70E-01	1.72E-01	2.00E-01	2.16E-01	2.13E-01	3.49E-01	3.86E-01	1.10E-03	6.46E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Darlington County	45031	R	Nickel Compounds	2.95E-05	3.65E-05	4.81E-05	5.66E-05	8.24E-05	8.32E-05	1.10E-04	3.90E-04	5.46E-05	1.82E-05	8.68E-06	9.00E-07	0.00E+00
South Carolina	Darlington County	45031	R	Perchloroethylene	1.48E-01	1.50E-01	1.54E-01	1.56E-01	1.58E-01	1.60E-01	1.72E-01	1.81E-01	4.66E-04	1.78E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Darlington County	45031	R	Polychlorinated Biphenyls	4.09E-04	4.12E-04	4.23E-04	4.82E-04	4.90E-04	5.10E-04	6.65E-04	7.09E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	3.80E-04
South Carolina	Darlington County	45031	R	Polycyclic Organic Matter	1.13E-02	1.24E-02	1.77E-02	2.15E-02	2.55E-02	2.66E-02	4.11E-02	7.13E-02	1.60E-03	1.92E-02	4.10E-03	6.63E-04	0.00E+00
South Carolina	Darlington County	45031	R	7-PAH	7.22E-04	7.80E-04	9.32E-04	1.32E-03	1.47E-03	1.54E-03	2.49E-03	3.84E-03	2.34E-07	1.43E-03	2.89E-05	7.61E-06	0.00E+00
South Carolina	Darlington County	45031	R	Propylene Dichloride	3.06E-06	3.56E-06	4.75E-06	8.12E-06	2.28E-05	1.77E-05	3.97E-05	1.85E-04	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Quinoline	5.60E-08	5.71E-08	6.79E-08	1.63E-07	2.09E-06	1.59E-06	4.11E-06	2.08E-05	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	1,1,2,2-Tetrachloroethane	2.02E-05	2.20E-05	2.58E-05	3.03E-05	3.24E-05	3.41E-05	5.26E-05	5.70E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Darlington County	45031	R	Trichloroethylene	8.32E-02	8.35E-02	8.42E-02	8.77E-02	9.10E-02	9.00E-02	1.12E-01	1.21E-01	5.11E-04	9.46E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Darlington County	45031	R	Vinyl Chloride	5.48E-05	5.60E-05	7.96E-05	9.61E-05	1.40E-04	1.41E-04	1.91E-04	6.66E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Acetaldehyde	7.75E-02	7.75E-02	1.52E-01	1.97E-01	1.81E-01	2.12E-01	2.50E-01	2.50E-01	3.35E-02	1.39E-02	1.20E-01	1.30E-02	0.00E+00
South Carolina	Dillon County	45033	R	Acrolein	1.94E-02	1.94E-02	2.09E-02	3.17E-02	3.09E-02	3.71E-02	4.44E-02	4.44E-02	1.51E-04	1.29E-02	1.62E-02	1.60E-03	0.00E+00
South Carolina	Dillon County	45033	R	Acrylonitrile	4.14E-05	4.14E-05	5.21E-05	1.60E-04	1.44E-04	1.92E-04	2.58E-04	2.58E-04	6.74E-05	7.66E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Arsenic Compounds	2.95E-05	2.95E-05	1.01E-04	1.55E-04	1.31E-04	1.72E-04	1.73E-04	1.73E-04	9.93E-05	6.59E-06	2.08E-05	4.36E-06	0.00E+00
South Carolina	Dillon County	45033	R	Benzene	6.02E-01	6.02E-01	6.19E-01	7.85E-01	7.79E-01	8.73E-01	1.01E+00	1.01E+00	3.42E-04	8.31E-02	2.00E-01	1.58E-02	4.80E-01
South Carolina	Dillon County	45033	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Beryllium Compounds	1.16E-06	1.16E-06	1.26E-05	1.80E-05	1.48E-05	1.95E-05	1.98E-05	1.98E-05	1.29E-05	1.18E-06	0.00E+00	8.09E-07	0.00E+00
South Carolina	Dillon County	45033	R	1,3-Butadiene	4.93E-03	4.93E-03	5.33E-03	1.86E-02	1.88E-02	2.62E-02	3.91E-02	3.91E-02	2.43E-07	3.79E-03	1.37E-02	1.27E-03	0.00E+00
South Carolina	Dillon County	45033	R	Cadmium Compounds	3.28E-06	3.28E-06	8.96E-06	1.31E-05	1.16E-05	1.44E-05	1.67E-05	1.67E-05	8.46E-06	2.30E-06	0.00E+00	8.07E-07	0.00E+00
South Carolina	Dillon County	45033	R	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.83E-02	4.84E-02	4.91E-02	5.01E-02	5.01E-02	6.94E-04	6.91E-04	0.00E+00	0.00E+00	4.70E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Dillon County	45033	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	9.93E-04	1.27E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Dillon County	45033	R	Chloroform	8.42E-02	8.42E-02	8.46E-02	9.02E-02	9.01E-02	9.54E-02	9.63E-02	9.63E-02	5.11E-03	2.02E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Dillon County	45033	R	Chromium Compounds (includes Hexavalent)	2.43E-04	2.43E-04	1.03E-03	1.23E-03	1.14E-03	1.44E-03	1.67E-03	1.67E-03	8.71E-04	2.56E-04	1.34E-05	3.78E-07	0.00E+00
South Carolina	Dillon County	45033	R	Chromium VI	9.53E-05	9.53E-05	8.04E-04	9.79E-04	8.82E-04	1.15E-03	1.28E-03	1.28E-03	7.81E-04	9.48E-05	5.34E-06	1.28E-07	0.00E+00
South Carolina	Dillon County	45033	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	1,4-Dichlorobenzene	3.55E-03	3.55E-03	3.87E-03	6.18E-03	7.16E-03	8.74E-03	1.45E-02	1.45E-02	3.99E-08	7.16E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	1,3-Dichloropropene	6.91E-03	6.91E-03	7.44E-03	1.21E-02	1.41E-02	1.73E-02	2.89E-02	2.89E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.03E-08	7.50E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Dillon County	45033	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	8.88E-05	8.59E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Dillon County	45033	R	Ethylene Oxide	5.52E-05	5.52E-05	1.18E-04	2.19E-04	2.19E-04	3.05E-04	3.95E-04	3.95E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Formaldehyde	4.29E-01	4.29E-01	4.71E-01	5.21E-01	5.22E-01	5.67E-01	6.25E-01	6.25E-01	8.01E-02	6.52E-02	1.02E-01	2.52E-02	2.50E-01
South Carolina	Dillon County	45033	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.35E-05	9.36E-05	9.37E-05	9.42E-05	9.42E-05	0.00E+00	5.57E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Dillon County	45033	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	8.18E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Dillon County	45033	R	Hexamethylene Diisocyanate	7.89E-09	7.89E-09	1.04E-08	1.85E-08	7.22E-08	1.65E-07	2.14E-07	2.14E-07	1.31E-08	5.91E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Hydrazine	2.06E-10	2.06E-10	4.63E-10	1.16E-09	1.24E-09	1.56E-09	2.90E-09	2.90E-09	0.00E+00	1.24E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Lead Compounds	1.82E-04	1.82E-04	1.98E-04	2.77E-04	2.58E-04	2.94E-04	3.20E-04	3.20E-04	8.00E-05	5.03E-05	0.00E+00	1.28E-04	0.00E+00
South Carolina	Dillon County	45033	R	Manganese Compounds	5.58E-04	5.58E-04	6.57E-04	7.26E-04	7.65E-04	8.44E-04	1.08E-03	1.08E-03	6.68E-04	9.29E-05	4.18E-06	4.22E-07	0.00E+00
South Carolina	Dillon County	45033	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.56E-03	6.65E-06	3.37E-06	2.37E-05	4.59E-06	1.50E-03
South Carolina	Dillon County	45033	R	Methylene Chloride	1.69E-01	1.69E-01	1.71E-01	1.84E-01	1.88E-01	1.96E-01	2.26E-01	2.26E-01	3.62E-03	3.46E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Dillon County	45033	R	Nickel Compounds	9.85E-05	9.85E-05	2.11E-04	3.23E-04	2.87E-04	3.71E-04	3.97E-04	3.97E-04	2.25E-04	5.13E-05	1.00E-05	7.26E-07	0.00E+00
South Carolina	Dillon County	45033	R	Perchloroethylene	1.44E-01	1.44E-01	1.46E-01	1.50E-01	1.51E-01	1.54E-01	1.62E-01	1.62E-01	1.77E-04	1.09E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Dillon County	45033	R	Polychlorinated Biphenyls	4.03E-04	4.03E-04	4.05E-04	4.35E-04	4.42E-04	4.61E-04	5.15E-04	5.15E-04	4.11E-07	6.18E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Dillon County	45033	R	Polycyclic Organic Matter	8.40E-03	8.40E-03	9.55E-03	1.82E-02	1.89E-02	2.39E-02	3.49E-02	3.49E-02	3.54E-04	1.34E-02	4.62E-03	4.40E-04	0.00E+00
South Carolina	Dillon County	45033	R	7-PAH	6.05E-04	6.05E-04	6.69E-04	1.05E-03	1.15E-03	1.42E-03	2.09E-03	2.09E-03	2.23E-08	1.11E-03	3.38E-05	4.46E-06	0.00E+00
South Carolina	Dillon County	45033	R	Propylene Dichloride	2.31E-06	2.31E-06	3.95E-06	4.21E-06	4.55E-06	4.70E-06	7.95E-06	7.95E-06	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Quinoline	7.51E-09	7.51E-09	2.28E-08	6.17E-08	6.19E-08	8.23E-08	1.36E-07	1.36E-07	0.00E+00	6.19E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	1,1,2,2-Tetrachloroethane	1.79E-05	1.79E-05	1.92E-05	1.97E-05	2.02E-05	2.22E-05	2.25E-05	2.25E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dillon County	45033	R	Trichloroethylene	8.33E-02	8.33E-02	8.35E-02	8.48E-02	8.56E-02	8.66E-02	9.03E-02	9.03E-02	4.51E-04	4.11E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Dillon County	45033	R	Vinyl Chloride	4.44E-05	4.44E-05	5.00E-05	5.15E-05	5.22E-05	5.66E-05	5.91E-05	5.91E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Acetaldehyde	1.24E-01	1.31E-01	1.79E-01	2.58E-01	2.61E-01	3.19E-01	4.53E-01	4.73E-01	1.57E-02	1.52E-02	1.99E-01	3.16E-02	0.00E+00
South Carolina	Dorchester County	45035	U	Acrolein	2.56E-02	2.71E-02	3.46E-02	4.21E-02	4.05E-02	4.34E-02	5.47E-02	5.84E-02	1.73E-04	1.52E-02	2.13E-02	3.85E-03	0.00E+00
South Carolina	Dorchester County	45035	U	Acrylonitrile	1.91E-05	2.93E-05	6.66E-05	7.49E-05	9.95E-05	1.16E-04	1.79E-04	2.66E-04	2.97E-05	6.98E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Arsenic Compounds	7.66E-05	8.83E-05	1.24E-04	1.38E-04	2.03E-04	2.05E-04	4.95E-04	5.76E-04	1.71E-04	8.55E-06	1.92E-05	3.97E-06	0.00E+00
South Carolina	Dorchester County	45035	U	Benzene	6.55E-01	6.93E-01	7.20E-01	8.59E-01	8.49E-01	9.06E-01	1.06E+00	1.11E+00	4.62E-03	6.50E-02	2.48E-01	5.11E-02	4.80E-01
South Carolina	Dorchester County	45035	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Beryllium Compounds	2.04E-06	2.10E-06	3.20E-06	3.44E-06	3.92E-06	4.09E-06	7.14E-06	8.01E-06	2.56E-06	1.12E-06	0.00E+00	2.29E-07	0.00E+00
South Carolina	Dorchester County	45035	U	1,3-Butadiene	8.38E-03	9.93E-03	1.48E-02	1.95E-02	2.19E-02	2.77E-02	3.48E-02	4.43E-02	0.00E+00	2.99E-03	1.52E-02	3.68E-03	0.00E+00
South Carolina	Dorchester County	45035	U	Cadmium Compounds	1.36E-05	1.55E-05	1.70E-05	1.80E-05	2.86E-05	2.01E-05	6.90E-05	1.10E-04	2.60E-05	2.27E-06	0.00E+00	2.78E-07	0.00E+00
South Carolina	Dorchester County	45035	U	Carbon Disulfide	4.70E-02	4.71E-02	4.89E-02	4.97E-02	4.93E-02	5.00E-02	5.07E-02	5.09E-02	6.05E-04	1.73E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Dorchester County	45035	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.48E-04	7.24E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Dorchester County	45035	U	Chloroform	8.43E-02	8.44E-02	8.94E-02	9.57E-02	9.49E-02	9.90E-02	1.05E-01	1.06E-01	4.36E-03	7.50E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Dorchester County	45035	U	Chromium Compounds (includes Hexavalent)	6.21E-05	1.03E-04	1.34E-04	2.46E-04	3.50E-04	3.62E-04	1.02E-03	1.19E-03	3.23E-04	1.11E-05	1.52E-05	8.84E-07	0.00E+00
South Carolina	Dorchester County	45035	U	Chromium VI	1.11E-05	1.39E-05	1.91E-05	2.47E-05	2.76E-05	3.21E-05	4.99E-05	6.16E-05	1.41E-05	7.09E-06	6.06E-06	3.01E-07	0.00E+00
South Carolina	Dorchester County	45035	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	1,4-Dichlorobenzene	2.20E-03	2.37E-03	5.88E-03	1.54E-02	1.40E-02	1.96E-02	2.49E-02	2.71E-02	2.88E-06	1.40E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	1,3-Dichloropropene	4.26E-03	4.58E-03	1.16E-02	3.10E-02	2.81E-02	3.95E-02	5.05E-02	5.47E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.76E-08	8.10E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Dorchester County	45035	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	8.23E-05	9.25E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Dorchester County	45035	U	Ethylene Oxide	1.95E-05	1.98E-05	4.72E-05	8.23E-05	1.46E-04	1.24E-04	5.14E-04	6.60E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Formaldehyde	4.12E-01	4.25E-01	4.58E-01	5.00E-01	5.07E-01	5.38E-01	6.07E-01	6.18E-01	2.84E-02	5.62E-02	1.28E-01	4.41E-02	2.50E-01
South Carolina	Dorchester County	45035	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.35E-05	9.34E-05	9.36E-05	9.36E-05	9.39E-05	0.00E+00	3.99E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Dorchester County	45035	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.78E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Dorchester County	45035	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	2.94E-07	4.39E-07	5.60E-07	6.74E-07	1.44E-06	1.83E-06	0.00E+00	5.60E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Hydrazine	3.62E-11	8.66E-11	1.50E-09	6.30E-09	1.62E-08	1.46E-08	5.60E-08	1.03E-07	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Lead Compounds	3.48E-04	4.17E-04	4.50E-04	5.61E-04	7.53E-04	6.80E-04	1.69E-03	1.85E-03	4.55E-04	5.20E-05	0.00E+00	2.46E-04	0.00E+00
South Carolina	Dorchester County	45035	U	Manganese Compounds	2.13E-04	2.71E-04	3.25E-04	4.24E-04	4.89E-04	5.00E-04	9.19E-04	1.08E-03	4.04E-04	7.91E-05	4.83E-06	9.69E-07	0.00E+00
South Carolina	Dorchester County	45035	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.55E-03	1.61E-03	1.64E-03	2.93E-05	5.55E-06	1.96E-05	3.51E-06	1.50E-03
South Carolina	Dorchester County	45035	U	Methylene Chloride	1.89E-01	1.90E-01	1.99E-01	2.33E-01	2.37E-01	2.42E-01	2.98E-01	3.79E-01	2.91E-02	5.81E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Dorchester County	45035	U	Nickel Compounds	8.06E-05	1.32E-04	2.09E-04	3.41E-04	4.77E-04	4.92E-04	1.32E-03	1.54E-03	4.22E-04	3.16E-05	1.13E-05	1.26E-05	0.00E+00
South Carolina	Dorchester County	45035	U	Perchloroethylene	1.42E-01	1.43E-01	1.50E-01	1.58E-01	1.58E-01	1.65E-01	1.74E-01	1.75E-01	2.11E-04	1.75E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Dorchester County	45035	U	Polychlorinated Biphenyls	3.91E-04	3.92E-04	4.00E-04	4.35E-04	4.28E-04	4.47E-04	4.53E-04	4.88E-04	0.00E+00	4.78E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Dorchester County	45035	U	Polycyclic Organic Matter	1.16E-02	1.17E-02	2.08E-02	2.78E-02	2.77E-02	3.29E-02	4.26E-02	4.91E-02	7.36E-03	1.42E-02	5.38E-03	7.70E-04	0.00E+00
South Carolina	Dorchester County	45035	U	7-PAH	6.86E-04	7.15E-04	8.10E-04	9.24E-04	9.65E-04	1.08E-03	1.31E-03	1.45E-03	1.68E-07	9.16E-04	3.48E-05	1.34E-05	0.00E+00
South Carolina	Dorchester County	45035	U	Propylene Dichloride	1.13E-06	1.68E-06	4.37E-06	5.27E-06	6.01E-06	8.65E-06	1.08E-05	1.39E-05	1.80E-06	4.21E-06	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Dorchester County	45035	U	Quinoline	1.19E-09	1.21E-09	2.64E-08	4.00E-08	6.48E-08	7.54E-08	1.78E-07	2.86E-07	0.00E+00	6.48E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	1,1,2,2-Tetrachloroethane	9.76E-06	1.39E-05	3.31E-05	3.55E-05	4.43E-05	5.39E-05	8.99E-05	9.01E-05	1.65E-05	2.79E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Dorchester County	45035	U	Trichloroethylene	8.16E-02	8.19E-02	8.33E-02	8.60E-02	8.91E-02	8.73E-02	1.05E-01	1.30E-01	2.05E-04	7.93E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Dorchester County	45035	U	Vinyl Chloride	2.41E-05	3.44E-05	8.39E-05	9.02E-05	1.11E-04	1.38E-04	2.22E-04	2.24E-04	4.06E-05	7.06E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Acetaldehyde	1.57E-01	1.57E-01	1.62E-01	1.80E-01	2.64E-01	3.65E-01	5.37E-01	5.37E-01	7.88E-03	2.67E-02	2.15E-01	1.36E-02	0.00E+00
South Carolina	Edgefield County	45037	U	Acrolein	3.26E-02	3.26E-02	3.74E-02	4.42E-02	4.84E-02	5.94E-02	7.26E-02	7.26E-02	1.64E-04	2.25E-02	2.30E-02	2.70E-03	0.00E+00
South Carolina	Edgefield County	45037	U	Acrylonitrile	9.75E-05	9.75E-05	1.05E-04	1.18E-04	1.25E-04	1.46E-04	1.68E-04	1.68E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Arsenic Compounds	2.89E-05	2.89E-05	3.66E-05	4.95E-05	5.37E-05	7.09E-05	8.70E-05	8.70E-05	3.06E-05	5.15E-06	1.53E-05	2.64E-06	0.00E+00
South Carolina	Edgefield County	45037	U	Benzene	6.76E-01	6.76E-01	6.99E-01	7.35E-01	7.88E-01	8.76E-01	1.00E+00	1.00E+00	1.29E-02	7.57E-02	1.94E-01	2.51E-02	4.80E-01
South Carolina	Edgefield County	45037	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Beryllium Compounds	4.35E-06	4.35E-06	4.38E-06	4.55E-06	5.21E-06	6.04E-06	7.38E-06	7.38E-06	1.35E-06	3.46E-06	0.00E+00	3.99E-07	0.00E+00
South Carolina	Edgefield County	45037	U	1,3-Butadiene	6.17E-03	6.17E-03	6.70E-03	1.04E-02	1.10E-02	1.53E-02	1.70E-02	1.70E-02	0.00E+00	4.57E-03	5.58E-03	8.46E-04	0.00E+00
South Carolina	Edgefield County	45037	U	Cadmium Compounds	7.24E-06	7.24E-06	8.19E-06	1.16E-05	1.12E-05	1.43E-05	1.45E-05	1.45E-05	5.55E-06	5.30E-06	0.00E+00	3.98E-07	0.00E+00
South Carolina	Edgefield County	45037	U	Carbon Disulfide	4.77E-02	4.77E-02	4.82E-02	5.00E-02	5.02E-02	5.22E-02	5.31E-02	5.31E-02	1.07E-03	2.11E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Edgefield County	45037	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.83E-01	8.84E-01	8.84E-01	1.53E-03	8.05E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Edgefield County	45037	U	Chloroform	8.67E-02	8.67E-02	8.76E-02	9.46E-02	9.74E-02	1.07E-01	1.14E-01	1.14E-01	7.87E-03	6.51E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Edgefield County	45037	U	Chromium Compounds (includes Hexavalent)	2.15E-05	2.15E-05	2.75E-05	4.32E-05	4.80E-05	6.84E-05	8.40E-05	8.40E-05	2.39E-05	1.18E-05	1.19E-05	3.56E-07	0.00E+00
South Carolina	Edgefield County	45037	U	Chromium VI	8.38E-06	8.38E-06	1.03E-05	1.70E-05	1.95E-05	2.88E-05	3.56E-05	3.56E-05	9.23E-06	5.40E-06	4.76E-06	1.21E-07	0.00E+00
South Carolina	Edgefield County	45037	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	1,4-Dichlorobenzene	4.86E-03	4.86E-03	5.11E-03	6.28E-03	7.12E-03	9.13E-03	1.10E-02	1.10E-02	3.16E-07	7.12E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	1,3-Dichloropropene	9.21E-03	9.21E-03	9.50E-03	1.18E-02	1.35E-02	1.76E-02	2.13E-02	2.13E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.77E-08	5.19E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Edgefield County	45037	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.13E-02	6.14E-02	6.14E-02	1.38E-04	2.35E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Edgefield County	45037	U	Ethylene Oxide	3.64E-04	3.64E-04	4.85E-04	9.09E-04	1.27E-03	2.05E-03	2.89E-03	2.89E-03	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Formaldehyde	4.41E-01	4.41E-01	4.45E-01	4.70E-01	5.05E-01	5.65E-01	6.40E-01	6.40E-01	7.16E-03	9.99E-02	1.25E-01	2.30E-02	2.50E-01
South Carolina	Edgefield County	45037	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	3.31E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Edgefield County	45037	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.76E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Edgefield County	45037	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Hydrazine	4.38E-09	4.38E-09	7.95E-09	1.54E-08	9.34E-08	1.79E-07	3.38E-07	3.38E-07	0.00E+00	9.34E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Lead Compounds	3.31E-04	3.31E-04	3.53E-04	4.28E-04	4.39E-04	5.25E-04	5.69E-04	5.69E-04	1.89E-04	6.83E-05	0.00E+00	1.82E-04	0.00E+00
South Carolina	Edgefield County	45037	U	Manganese Compounds	2.05E-04	2.05E-04	3.32E-04	5.30E-04	7.66E-04	1.20E-03	1.80E-03	1.80E-03	7.10E-04	5.25E-05	3.68E-06	2.90E-07	0.00E+00
South Carolina	Edgefield County	45037	U	Mercury Compounds	1.62E-03	1.62E-03	1.75E-03	1.89E-03	1.88E-03	2.00E-03	2.10E-03	2.10E-03	9.96E-05	2.57E-04	1.59E-05	2.66E-06	1.50E-03
South Carolina	Edgefield County	45037	U	Methylene Chloride	1.82E-01	1.82E-01	1.83E-01	1.89E-01	1.93E-01	2.03E-01	2.12E-01	2.12E-01	1.45E-04	4.28E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Edgefield County	45037	U	Nickel Compounds	5.93E-05	5.93E-05	6.14E-05	8.04E-05	8.38E-05	1.06E-04	1.15E-04	1.15E-04	2.17E-05	5.28E-05	8.82E-06	4.91E-07	0.00E+00
South Carolina	Edgefield County	45037	U	Perchloroethylene	1.58E-01	1.58E-01	1.59E-01	1.65E-01	1.64E-01	1.69E-01	1.69E-01	1.69E-01	1.36E-02	1.04E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Edgefield County	45037	U	Polychlorinated Biphenyls	4.05E-04	4.05E-04	4.11E-04	4.18E-04	4.16E-04	4.21E-04	4.23E-04	4.23E-04	0.00E+00	3.62E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Edgefield County	45037	U	Polycyclic Organic Matter	1.55E-02	1.55E-02	1.68E-02	2.08E-02	2.28E-02	2.88E-02	3.41E-02	3.41E-02	4.57E-03	1.36E-02	4.23E-03	4.22E-04	0.00E+00
South Carolina	Edgefield County	45037	U	7-PAH	1.06E-03	1.06E-03	1.09E-03	1.22E-03	1.24E-03	1.39E-03	1.45E-03	1.45E-03	2.03E-08	1.20E-03	2.73E-05	6.77E-06	0.00E+00
South Carolina	Edgefield County	45037	U	Propylene Dichloride	6.31E-06	6.31E-06	7.66E-06	9.16E-06	1.08E-05	1.39E-05	1.85E-05	1.85E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Quinoline	1.82E-07	1.82E-07	2.67E-07	3.78E-07	5.66E-07	8.65E-07	1.33E-06	1.33E-06	0.00E+00	5.66E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	1,1,2,2-Tetrachloroethane	4.31E-05	4.31E-05	4.56E-05	4.87E-05	5.21E-05	5.86E-05	6.78E-05	6.78E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Edgefield County	45037	U	Trichloroethylene	8.78E-02	8.78E-02	8.81E-02	8.96E-02	8.98E-02	9.14E-02	9.21E-02	9.21E-02	4.32E-03	4.44E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Edgefield County	45037	U	Vinyl Chloride	1.06E-04	1.06E-04	1.12E-04	1.22E-04	1.33E-04	1.54E-04	1.82E-04	1.82E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Acetaldehyde	8.14E-02	8.14E-02	1.29E-01	1.31E-01	1.55E-01	1.71E-01	2.61E-01	2.61E-01	8.71E-03	1.69E-02	1.20E-01	8.77E-03	0.00E+00
South Carolina	Fairfield County	45039	R	Acrolein	2.80E-02	2.80E-02	3.20E-02	3.73E-02	3.77E-02	4.47E-02	4.65E-02	4.65E-02	1.25E-04	2.10E-02	1.43E-02	2.29E-03	0.00E+00
South Carolina	Fairfield County	45039	R	Acrylonitrile	1.10E-05	1.10E-05	1.38E-05	5.07E-05	3.72E-05	5.18E-05	5.90E-05	5.90E-05	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Arsenic Compounds	1.31E-05	1.31E-05	2.17E-05	3.30E-05	4.48E-05	3.88E-05	1.18E-04	1.18E-04	2.73E-05	4.41E-06	1.16E-05	1.55E-06	0.00E+00
South Carolina	Fairfield County	45039	R	Benzene	6.24E-01	6.24E-01	6.53E-01	6.92E-01	7.00E-01	7.55E-01	7.75E-01	7.75E-01	1.34E-04	7.18E-02	1.24E-01	2.39E-02	4.80E-01
South Carolina	Fairfield County	45039	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Beryllium Compounds	9.49E-07	9.49E-07	1.19E-06	1.56E-06	1.63E-06	1.80E-06	2.65E-06	2.65E-06	6.41E-07	5.70E-07	0.00E+00	4.20E-07	0.00E+00
South Carolina	Fairfield County	45039	R	1,3-Butadiene	6.53E-03	6.53E-03	6.80E-03	9.01E-03	9.70E-03	1.23E-02	1.38E-02	1.38E-02	0.00E+00	4.86E-03	4.02E-03	8.16E-04	0.00E+00
South Carolina	Fairfield County	45039	R	Cadmium Compounds	1.88E-06	1.88E-06	2.16E-06	3.33E-06	3.10E-06	3.54E-06	4.58E-06	4.58E-06	1.14E-06	1.54E-06	0.00E+00	4.18E-07	0.00E+00
South Carolina	Fairfield County	45039	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.73E-02	4.81E-02	4.81E-02	2.28E-04	1.08E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Fairfield County	45039	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	3.24E-04	3.29E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Fairfield County	45039	R	Chloroform	8.43E-02	8.43E-02	8.63E-02	8.64E-02	8.72E-02	8.82E-02	9.06E-02	9.06E-02	1.25E-03	2.92E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Fairfield County	45039	R	Chromium Compounds (includes Hexavalent)	1.12E-05	1.12E-05	4.78E-05	5.91E-05	5.16E-05	5.98E-05	8.02E-05	8.02E-05	1.04E-05	3.28E-05	8.09E-06	3.23E-07	0.00E+00
South Carolina	Fairfield County	45039	R	Chromium VI	5.16E-06	5.16E-06	1.79E-05	2.10E-05	1.87E-05	2.32E-05	2.60E-05	2.60E-05	3.90E-06	1.14E-05	3.25E-06	1.10E-07	0.00E+00
South Carolina	Fairfield County	45039	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	1,4-Dichlorobenzene	2.19E-03	2.19E-03	2.89E-03	5.13E-03	5.00E-03	5.47E-03	9.31E-03	9.31E-03	5.51E-07	5.00E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	1,3-Dichloropropene	4.12E-03	4.12E-03	5.41E-03	9.67E-03	9.51E-03	1.01E-02	1.82E-02	1.82E-02	0.00E+00	9.51E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.19E-08	1.57E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Fairfield County	45039	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	2.95E-05	1.60E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Fairfield County	45039	R	Ethylene Oxide	1.45E-04	1.45E-04	1.34E-03	1.39E-03	1.54E-03	1.44E-03	3.36E-03	3.36E-03	1.44E-03	9.99E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Formaldehyde	3.75E-01	3.75E-01	4.22E-01	4.33E-01	4.38E-01	4.69E-01	4.90E-01	4.90E-01	1.15E-02	8.48E-02	7.64E-02	1.50E-02	2.50E-01

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Fairfield County	45039	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.32E-05	9.37E-05	9.37E-05	0.00E+00	2.83E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Fairfield County	45039	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.70E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Fairfield County	45039	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	1.08E-06	9.97E-07	1.37E-06	2.54E-06	2.54E-06	5.13E-07	4.85E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Hydrazine	6.85E-15	6.85E-15	2.85E-12	7.23E-12	4.25E-11	9.13E-11	1.11E-10	1.11E-10	0.00E+00	4.25E-11	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Lead Compounds	7.82E-05	7.82E-05	9.08E-05	3.25E-04	2.62E-04	3.32E-04	4.81E-04	4.81E-04	1.21E-05	1.85E-05	0.00E+00	2.31E-04	0.00E+00
South Carolina	Fairfield County	45039	R	Manganese Compounds	2.13E-04	2.13E-04	2.70E-04	3.09E-04	3.06E-04	3.49E-04	3.86E-04	3.86E-04	6.80E-05	2.35E-04	2.43E-06	2.01E-07	0.00E+00
South Carolina	Fairfield County	45039	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.71E-06	1.84E-06	1.28E-05	1.75E-06	1.50E-03
South Carolina	Fairfield County	45039	R	Methylene Chloride	1.62E-01	1.62E-01	1.70E-01	1.84E-01	2.22E-01	1.93E-01	4.03E-01	4.03E-01	5.31E-02	1.94E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Fairfield County	45039	R	Nickel Compounds	1.78E-05	1.78E-05	3.14E-05	3.15E-05	4.25E-05	4.30E-05	8.86E-05	8.86E-05	8.95E-06	2.72E-05	5.97E-06	3.62E-07	0.00E+00
South Carolina	Fairfield County	45039	R	Perchloroethylene	1.43E-01	1.43E-01	1.45E-01	1.48E-01	1.47E-01	1.48E-01	1.50E-01	1.50E-01	5.91E-05	6.84E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Fairfield County	45039	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.99E-04	4.05E-04	4.14E-04	4.06E-04	4.66E-04	4.66E-04	0.00E+00	3.38E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Fairfield County	45039	R	Polycyclic Organic Matter	7.80E-03	7.80E-03	9.71E-03	1.35E-02	1.30E-02	1.57E-02	1.84E-02	1.84E-02	4.02E-05	9.80E-03	2.81E-03	3.75E-04	0.00E+00
South Carolina	Fairfield County	45039	R	7-PAH	8.87E-04	8.87E-04	9.96E-04	1.09E-03	1.16E-03	1.14E-03	1.68E-03	1.68E-03	7.16E-08	1.13E-03	1.98E-05	7.01E-06	0.00E+00
South Carolina	Fairfield County	45039	R	Propylene Dichloride	6.45E-07	6.45E-07	8.13E-07	1.97E-06	1.78E-06	2.61E-06	2.86E-06	2.86E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Quinoline	4.13E-13	4.13E-13	1.75E-10	3.85E-10	2.23E-09	4.57E-09	6.04E-09	6.04E-09	0.00E+00	2.23E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	1,1,2,2-Tetrachloroethane	4.61E-06	4.61E-06	6.29E-06	1.65E-05	1.37E-05	1.75E-05	2.37E-05	2.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Fairfield County	45039	R	Trichloroethylene	8.17E-02	8.17E-02	8.24E-02	8.36E-02	8.35E-02	8.42E-02	8.58E-02	8.58E-02	5.81E-05	2.49E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Fairfield County	45039	R	Vinyl Chloride	1.16E-05	1.16E-05	1.56E-05	4.00E-05	3.38E-05	4.31E-05	5.85E-05	5.85E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Acetaldehyde	8.33E-02	9.79E-02	1.40E-01	3.33E-01	3.61E-01	4.23E-01	6.69E-01	1.13E+00	1.09E-01	8.88E-03	2.20E-01	2.27E-02	0.00E+00
South Carolina	Florence County	45041	R	Acrolein	2.13E-02	2.54E-02	2.97E-02	4.48E-02	4.87E-02	5.98E-02	8.05E-02	8.39E-02	1.05E-03	1.39E-02	3.10E-02	2.66E-03	0.00E+00
South Carolina	Florence County	45041	R	Acrylonitrile	3.33E-05	3.54E-05	5.19E-05	8.76E-05	9.18E-05	1.00E-04	1.34E-04	2.07E-04	1.08E-06	9.07E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Arsenic Compounds	1.95E-05	2.48E-05	3.87E-05	5.47E-05	6.10E-05	8.20E-05	1.08E-04	1.20E-04	1.05E-05	1.59E-05	2.85E-05	6.12E-06	0.00E+00
South Carolina	Florence County	45041	R	Benzene	6.06E-01	6.31E-01	7.11E-01	8.90E-01	9.59E-01	1.13E+00	1.36E+00	1.71E+00	4.79E-04	9.33E-02	3.44E-01	4.15E-02	4.80E-01
South Carolina	Florence County	45041	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Beryllium Compounds	7.04E-07	7.96E-07	1.27E-06	1.69E-06	2.29E-06	2.65E-06	5.21E-06	5.83E-06	2.69E-07	1.64E-06	0.00E+00	3.86E-07	0.00E+00
South Carolina	Florence County	45041	R	1,3-Butadiene	5.13E-03	6.31E-03	1.02E-02	1.85E-02	2.62E-02	3.26E-02	5.08E-02	1.02E-01	3.21E-10	2.18E-03	1.98E-02	4.20E-03	0.00E+00
South Carolina	Florence County	45041	R	Cadmium Compounds	2.54E-06	2.70E-06	3.82E-06	4.99E-06	6.00E-06	6.83E-06	1.12E-05	1.34E-05	2.14E-06	3.48E-06	0.00E+00	3.85E-07	0.00E+00
South Carolina	Florence County	45041	R	Carbon Disulfide	4.82E-02	4.89E-02	4.99E-02	5.28E-02	5.54E-02	5.86E-02	6.85E-02	7.11E-02	6.08E-03	2.36E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Florence County	45041	R	Carbon Tetrachloride	8.81E-01	8.81E-01	8.82E-01	8.86E-01	8.89E-01	8.93E-01	9.08E-01	9.08E-01	8.71E-03	7.00E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Florence County	45041	R	Chloroform	8.80E-02	9.07E-02	9.53E-02	1.15E-01	1.33E-01	1.59E-01	2.34E-01	2.34E-01	4.46E-02	5.74E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Florence County	45041	R	Chromium Compounds (includes Hexavalent)	2.71E-05	4.20E-05	8.30E-05	9.27E-05	9.16E-05	1.11E-04	1.31E-04	1.41E-04	1.42E-05	5.52E-05	2.17E-05	6.74E-07	0.00E+00
South Carolina	Florence County	45041	R	Chromium VI	1.34E-05	1.72E-05	3.17E-05	3.73E-05	3.67E-05	4.54E-05	5.41E-05	5.61E-05	7.25E-06	2.06E-05	8.63E-06	2.29E-07	0.00E+00
South Carolina	Florence County	45041	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	1,4-Dichlorobenzene	3.32E-03	3.76E-03	5.64E-03	1.21E-02	1.45E-02	2.40E-02	3.00E-02	3.17E-02	5.24E-07	1.45E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	1,3-Dichloropropene	6.48E-03	7.18E-03	1.08E-02	2.43E-02	2.92E-02	4.84E-02	6.09E-02	6.43E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	8.99E-09	5.71E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Florence County	45041	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.15E-02	6.18E-02	6.22E-02	6.35E-02	6.35E-02	7.76E-04	2.32E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Florence County	45041	R	Ethylene Oxide	7.29E-05	9.52E-05	1.38E-04	3.49E-04	1.37E-03	1.13E-03	2.68E-03	9.53E-03	4.61E-08	1.37E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Formaldehyde	3.54E-01	3.76E-01	4.13E-01	5.11E-01	5.44E-01	6.29E-01	7.36E-01	9.47E-01	3.64E-02	5.30E-02	1.64E-01	4.10E-02	2.50E-01
South Carolina	Florence County	45041	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.37E-05	9.41E-05	9.45E-05	9.47E-05	0.00E+00	7.39E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Florence County	45041	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.75E-10	2.49E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Florence County	45041	R	Hexamethylene Diisocyanate	7.37E-08	7.48E-08	1.54E-07	6.19E-07	2.68E-06	2.40E-06	4.94E-06	1.02E-05	4.33E-09	2.68E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Hydrazine	4.46E-09	5.97E-09	1.57E-08	8.21E-08	1.42E-07	1.52E-07	3.49E-07	4.61E-07	0.00E+00	1.42E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Lead Compounds	5.52E-05	7.71E-05	1.63E-04	3.64E-04	5.21E-04	6.14E-04	9.19E-04	1.34E-03	2.33E-05	9.51E-05	0.00E+00	4.03E-04	0.00E+00
South Carolina	Florence County	45041	R	Manganese Compounds	4.17E-04	5.57E-04	7.84E-04	9.75E-04	1.33E-03	1.43E-03	2.33E-03	2.65E-03	1.06E-03	2.64E-04	6.84E-06	6.15E-07	0.00E+00
South Carolina	Florence County	45041	R	Mercury Compounds	1.51E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.56E-03	1.58E-03	1.59E-03	1.22E-06	8.19E-06	3.00E-05	5.34E-06	1.50E-03
South Carolina	Florence County	45041	R	Methylene Chloride	1.66E-01	1.68E-01	1.80E-01	2.03E-01	2.23E-01	2.43E-01	3.23E-01	3.54E-01	1.69E-03	7.11E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Florence County	45041	R	Nickel Compounds	5.75E-05	5.83E-05	8.41E-05	9.73E-05	1.05E-04	1.32E-04	1.42E-04	1.90E-04	6.01E-05	2.78E-05	1.61E-05	1.04E-06	0.00E+00
South Carolina	Florence County	45041	R	Perchloroethylene	1.46E-01	1.47E-01	1.55E-01	1.67E-01	2.01E-01	2.39E-01	3.05E-01	3.11E-01	1.67E-03	5.91E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Florence County	45041	R	Polychlorinated Biphenyls	3.98E-04	4.00E-04	4.09E-04	4.41E-04	4.66E-04	5.04E-04	5.58E-04	5.82E-04	0.00E+00	8.56E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Florence County	45041	R	Polycyclic Organic Matter	9.47E-03	1.32E-02	2.16E-02	3.04E-02	3.83E-02	4.90E-02	6.87E-02	9.33E-02	5.51E-03	2.43E-02	7.58E-03	8.96E-04	0.00E+00
South Carolina	Florence County	45041	R	7-PAH	7.14E-04	7.25E-04	8.24E-04	1.09E-03	1.25E-03	1.45E-03	2.29E-03	2.29E-03	3.77E-08	1.19E-03	5.05E-05	8.87E-06	0.00E+00
South Carolina	Florence County	45041	R	Propylene Dichloride	3.59E-06	3.92E-06	5.01E-06	8.52E-06	9.66E-06	1.09E-05	1.76E-05	2.49E-05	6.36E-08	9.59E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Quinoline	1.68E-07	2.09E-07	2.85E-07	5.41E-07	6.64E-07	7.84E-07	1.37E-06	1.49E-06	0.00E+00	6.64E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	1,1,2,2-Tetrachloroethane	5.38E-06	7.16E-06	1.15E-05	3.24E-05	3.03E-05	3.51E-05	3.86E-05	4.03E-05	5.57E-07	2.98E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Florence County	45041	R	Trichloroethylene	8.23E-02	8.24E-02	8.37E-02	8.71E-02	9.21E-02	9.61E-02	1.11E-01	1.13E-01	1.67E-03	9.40E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Florence County	45041	R	Vinyl Chloride	2.77E-05	3.07E-05	4.21E-05	8.66E-05	9.43E-05	1.10E-04	1.38E-04	1.88E-04	1.37E-06	9.29E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Acetaldehyde	9.74E-02	9.84E-02	1.28E-01	1.77E-01	2.18E-01	2.94E-01	4.14E-01	4.94E-01	1.00E-01	1.17E-02	6.97E-02	3.68E-02	0.00E+00
South Carolina	Georgetown County	45043	R	Acrolein	2.14E-02	2.16E-02	2.19E-02	2.63E-02	2.83E-02	3.42E-02	3.68E-02	3.72E-02	1.24E-03	1.33E-02	8.31E-03	5.42E-03	0.00E+00
South Carolina	Georgetown County	45043	R	Acrylonitrile	1.58E-05	1.67E-05	2.37E-05	3.61E-05	1.37E-04	1.18E-04	5.15E-04	8.71E-04	1.26E-04	1.14E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Arsenic Compounds	2.77E-05	3.11E-05	3.51E-05	4.88E-05	4.82E-05	5.82E-05	6.54E-05	6.95E-05	3.14E-05	4.83E-06	8.67E-06	3.29E-06	0.00E+00
South Carolina	Georgetown County	45043	R	Benzene	6.06E-01	6.11E-01	6.26E-01	6.79E-01	7.09E-01	7.88E-01	8.42E-01	8.62E-01	2.19E-03	4.98E-02	9.55E-02	8.14E-02	4.80E-01
South Carolina	Georgetown County	45043	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Beryllium Compounds	1.23E-06	1.47E-06	1.82E-06	2.33E-06	2.36E-06	2.81E-06	3.35E-06	3.77E-06	1.50E-06	7.29E-07	0.00E+00	1.24E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Georgetown County	45043	R	1,3-Butadiene	6.32E-03	6.43E-03	6.55E-03	1.01E-02	1.29E-02	1.84E-02	2.38E-02	2.67E-02	4.65E-06	3.16E-03	5.92E-03	3.85E-03	0.00E+00
South Carolina	Georgetown County	45043	R	Cadmium Compounds	3.12E-06	3.69E-06	4.29E-06	5.92E-06	5.81E-06	6.94E-06	8.19E-06	8.31E-06	4.34E-06	1.27E-06	0.00E+00	2.10E-07	0.00E+00
South Carolina	Georgetown County	45043	R	Carbon Disulfide	4.87E-02	4.90E-02	5.06E-02	5.17E-02	5.56E-02	6.13E-02	6.67E-02	7.20E-02	8.03E-03	5.39E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Georgetown County	45043	R	Carbon Tetrachloride	8.82E-01	8.82E-01	8.84E-01	8.85E-01	8.90E-01	8.99E-01	9.07E-01	9.15E-01	1.02E-02	3.11E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Georgetown County	45043	R	Chloroform	9.43E-02	9.43E-02	1.01E-01	1.11E-01	1.24E-01	1.45E-01	1.81E-01	2.11E-01	3.15E-02	9.22E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Georgetown County	45043	R	Chromium Compounds (includes Hexavalent)	2.07E-05	2.20E-05	2.49E-05	3.39E-05	3.45E-05	4.63E-05	4.72E-05	4.72E-05	2.36E-05	3.78E-06	6.03E-06	1.09E-06	0.00E+00
South Carolina	Georgetown County	45043	R	Chromium VI	5.45E-06	5.59E-06	5.82E-06	8.68E-06	9.68E-06	1.34E-05	1.67E-05	1.84E-05	4.92E-06	1.99E-06	2.40E-06	3.71E-07	0.00E+00
South Carolina	Georgetown County	45043	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	1,4-Dichlorobenzene	1.50E-03	2.07E-03	2.71E-03	3.55E-03	5.09E-03	7.79E-03	1.01E-02	1.21E-02	5.47E-05	5.04E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	1,3-Dichloropropene	2.88E-03	3.98E-03	5.12E-03	6.91E-03	9.99E-03	1.46E-02	2.03E-02	2.44E-02	0.00E+00	9.99E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.98E-08	1.15E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Georgetown County	45043	R	Ethylene Dichloride	6.11E-02	6.12E-02	6.13E-02	6.15E-02	6.19E-02	6.27E-02	6.34E-02	6.41E-02	8.88E-04	4.02E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Georgetown County	45043	R	Ethylene Oxide	3.92E-05	3.94E-05	4.01E-05	1.03E-04	1.65E-04	2.23E-04	4.06E-04	5.11E-04	5.27E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Formaldehyde	3.56E-01	3.56E-01	3.71E-01	3.83E-01	4.10E-01	4.71E-01	4.97E-01	5.14E-01	1.54E-02	5.37E-02	5.01E-02	4.08E-02	2.50E-01
South Carolina	Georgetown County	45043	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.39E-05	0.00E+00	3.17E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Georgetown County	45043	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	2.00E-07	1.38E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Georgetown County	45043	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Hydrazine	1.36E-09	1.46E-09	2.07E-09	4.19E-09	2.28E-08	4.80E-08	7.87E-08	7.94E-08	0.00E+00	2.28E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Lead Compounds	1.00E-04	1.18E-04	1.46E-04	2.34E-04	3.66E-04	4.16E-04	9.30E-04	1.36E-03	6.49E-05	6.95E-05	0.00E+00	2.32E-04	0.00E+00
South Carolina	Georgetown County	45043	R	Manganese Compounds	2.26E-04	2.26E-04	2.68E-04	3.90E-04	5.12E-04	4.89E-04	1.16E-03	1.27E-03	4.53E-04	5.55E-05	1.92E-06	1.22E-06	0.00E+00
South Carolina	Georgetown County	45043	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	9.64E-06	2.02E-06	9.50E-06	2.80E-06	1.50E-03
South Carolina	Georgetown County	45043	R	Methylene Chloride	2.20E-01	2.26E-01	2.47E-01	3.02E-01	5.12E-01	4.17E-01	1.39E+00	2.21E+00	3.43E-01	1.91E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Georgetown County	45043	R	Nickel Compounds	2.12E-05	2.48E-05	2.89E-05	4.06E-05	5.35E-05	6.47E-05	1.16E-04	1.62E-04	2.32E-05	4.36E-06	4.53E-06	2.14E-05	0.00E+00
South Carolina	Georgetown County	45043	R	Perchloroethylene	1.44E-01	1.45E-01	1.46E-01	1.47E-01	1.50E-01	1.53E-01	1.56E-01	1.58E-01	3.04E-03	6.53E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Georgetown County	45043	R	Polychlorinated Biphenyls	3.90E-04	3.92E-04	3.95E-04	4.03E-04	4.18E-04	4.30E-04	4.71E-04	4.89E-04	0.00E+00	3.81E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Georgetown County	45043	R	Polycyclic Organic Matter	4.78E-03	5.54E-03	6.63E-03	7.64E-03	9.93E-03	1.36E-02	1.66E-02	1.80E-02	3.03E-04	6.85E-03	2.14E-03	6.38E-04	0.00E+00
South Carolina	Georgetown County	45043	R	7-PAH	4.04E-04	4.93E-04	6.21E-04	7.36E-04	7.78E-04	9.77E-04	1.14E-03	1.18E-03	2.94E-08	7.39E-04	1.48E-05	2.34E-05	0.00E+00
South Carolina	Georgetown County	45043	R	Propylene Dichloride	1.19E-06	1.30E-06	1.77E-06	3.52E-06	6.78E-06	7.11E-06	2.11E-05	3.40E-05	5.30E-06	1.49E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Quinoline	4.32E-08	4.61E-08	7.25E-08	1.18E-07	1.39E-07	1.65E-07	3.03E-07	3.05E-07	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	1,1,2,2-Tetrachloroethane	7.30E-08	7.47E-08	1.14E-07	1.53E-07	2.01E-05	4.74E-05	6.31E-05	7.45E-05	2.01E-05	3.92E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Georgetown County	45043	R	Trichloroethylene	8.21E-02	8.22E-02	8.28E-02	8.38E-02	8.52E-02	8.89E-02	9.02E-02	9.10E-02	1.98E-03	2.19E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Georgetown County	45043	R	Vinyl Chloride	2.63E-06	2.64E-06	4.53E-06	9.33E-06	5.44E-05	1.20E-04	1.60E-04	1.90E-04	5.01E-05	4.28E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Acetaldehyde	3.09E-01	3.35E-01	4.65E-01	6.15E-01	8.14E-01	8.69E-01	1.51E+00	1.78E+00	1.83E-01	8.36E-03	5.51E-01	7.21E-02	0.00E+00
South Carolina	Greenville County	45045	U	Acrolein	5.10E-02	5.92E-02	7.00E-02	8.67E-02	8.93E-02	1.04E-01	1.20E-01	1.38E-01	9.75E-04	1.65E-02	6.00E-02	1.19E-02	0.00E+00
South Carolina	Greenville County	45045	U	Acrylonitrile	5.92E-03	7.52E-03	1.13E-02	1.54E-02	1.80E-02	2.10E-02	2.96E-02	4.03E-02	1.73E-02	7.61E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Arsenic Compounds	7.79E-05	9.49E-05	1.33E-04	2.20E-04	2.63E-04	2.98E-04	5.10E-04	6.84E-04	1.46E-04	5.32E-05	4.97E-05	1.42E-05	0.00E+00
South Carolina	Greenville County	45045	U	Benzene	9.79E-01	1.06E+00	1.19E+00	1.42E+00	1.51E+00	1.65E+00	2.05E+00	2.59E+00	1.41E-03	1.92E-01	6.76E-01	1.60E-01	4.80E-01
South Carolina	Greenville County	45045	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Beryllium Compounds	3.85E-06	4.29E-06	7.42E-06	1.20E-05	1.23E-05	1.55E-05	1.91E-05	2.16E-05	4.92E-06	6.98E-06	0.00E+00	4.40E-07	0.00E+00
South Carolina	Greenville County	45045	U	1,3-Butadiene	1.32E-02	1.95E-02	2.76E-02	4.33E-02	5.77E-02	6.26E-02	1.13E-01	1.74E-01	8.84E-04	1.71E-03	3.94E-02	1.58E-02	0.00E+00
South Carolina	Greenville County	45045	U	Cadmium Compounds	8.14E-06	1.07E-05	1.65E-05	2.55E-05	3.06E-05	3.81E-05	5.93E-05	7.20E-05	1.80E-05	1.22E-05	0.00E+00	4.39E-07	0.00E+00
South Carolina	Greenville County	45045	U	Carbon Disulfide	4.74E-02	4.74E-02	4.76E-02	4.78E-02	4.79E-02	4.81E-02	4.82E-02	4.88E-02	2.50E-04	6.30E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Greenville County	45045	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.13E-06	1.41E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Greenville County	45045	U	Chloroform	9.39E-02	9.56E-02	9.87E-02	1.03E-01	1.02E-01	1.05E-01	1.06E-01	1.07E-01	4.50E-04	1.81E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Greenville County	45045	U	Chromium Compounds (includes Hexavalent)	2.26E-04	2.55E-04	3.22E-04	4.06E-04	5.09E-04	5.06E-04	8.00E-04	1.03E-03	1.61E-05	4.49E-04	4.11E-05	2.40E-06	0.00E+00
South Carolina	Greenville County	45045	U	Chromium VI	7.03E-05	8.56E-05	1.08E-04	1.27E-04	1.57E-04	1.61E-04	2.13E-04	2.49E-04	6.53E-06	1.33E-04	1.64E-05	8.17E-07	0.00E+00
South Carolina	Greenville County	45045	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	1,4-Dichlorobenzene	1.16E-02	1.78E-02	2.51E-02	3.48E-02	3.22E-02	3.95E-02	4.25E-02	4.48E-02	2.85E-05	3.21E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	1,3-Dichloropropene	2.26E-02	3.46E-02	4.97E-02	6.94E-02	6.41E-02	7.91E-02	8.51E-02	9.01E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.81E-07	1.73E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Greenville County	45045	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.72E-05	3.58E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Greenville County	45045	U	Ethylene Oxide	3.11E-04	5.00E-04	8.51E-04	1.27E-03	1.58E-03	1.96E-03	2.86E-03	3.89E-03	1.78E-05	1.56E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Formaldehyde	5.16E-01	5.72E-01	6.54E-01	7.58E-01	8.22E-01	8.89E-01	1.15E+00	1.43E+00	1.75E-02	6.26E-02	3.61E-01	1.31E-01	2.50E-01
South Carolina	Greenville County	45045	U	Hexachlorobenzene	9.35E-05	9.36E-05	9.38E-05	9.39E-05	9.39E-05	9.40E-05	9.42E-05	9.43E-05	2.35E-10	8.87E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Greenville County	45045	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.28E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Greenville County	45045	U	Hexamethylene Diisocyanate	7.86E-06	1.33E-05	3.87E-05	7.84E-05	1.53E-04	1.36E-04	2.42E-04	4.58E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Hydrazine	3.34E-10	3.46E-10	5.77E-10	1.33E-09	1.81E-09	2.03E-09	2.26E-09	2.61E-09	0.00E+00	1.81E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Lead Compounds	4.98E-04	6.74E-04	9.77E-04	2.08E-03	3.11E-03	3.88E-03	6.64E-03	9.46E-03	2.53E-03	2.22E-04	0.00E+00	3.53E-04	0.00E+00
South Carolina	Greenville County	45045	U	Manganese Compounds	9.05E-05	1.08E-04	1.76E-04	2.43E-04	2.84E-04	3.10E-04	4.52E-04	5.97E-04	1.11E-04	1.58E-04	1.31E-05	1.64E-06	0.00E+00
South Carolina	Greenville County	45045	U	Mercury Compounds	1.54E-03	1.55E-03	1.56E-03	1.59E-03	1.59E-03	1.61E-03	1.64E-03	1.69E-03	8.08E-06	2.29E-05	4.97E-05	1.12E-05	1.50E-03
South Carolina	Greenville County	45045	U	Methylene Chloride	2.12E-01	2.29E-01	2.95E-01	3.58E-01	3.92E-01	4.39E-01	5.42E-01	7.42E-01	1.19E-03	2.41E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Greenville County	45045	U	Nickel Compounds	2.22E-04	3.11E-04	4.40E-04	6.18E-04	7.97E-04	7.73E-04	1.28E-03	2.02E-03	4.78E-05	7.16E-04	3.05E-05	2.88E-06	0.00E+00
South Carolina	Greenville County	45045	U	Perchloroethylene	1.63E-01	1.74E-01	2.05E-01	2.21E-01	2.33E-01	2.53E-01	2.99E-01	3.20E-01	5.35E-04	9.24E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Greenville County	45045	U	Polychlorinated Biphenyls	4.32E-04	4.41E-04	4.71E-04	4.90E-04	4.85E-04	5.02E-04	5.17E-04	5.30E-04	5.81E-08	1.05E-04	0.00E+00	0.00E+00	3.80E-04

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Greenville County	45045	U	Polycyclic Organic Matter	3.81E-02	4.19E-02	5.37E-02	6.34E-02	6.42E-02	7.62E-02	8.39E-02	9.52E-02	7.78E-04	4.62E-02	1.45E-02	2.75E-03	0.00E+00
South Carolina	Greenville County	45045	U	7-PAH	1.74E-03	1.85E-03	2.01E-03	2.26E-03	2.42E-03	2.76E-03	3.24E-03	3.53E-03	2.45E-08	2.30E-03	9.29E-05	2.92E-05	0.00E+00
South Carolina	Greenville County	45045	U	Propylene Dichloride	1.21E-05	1.34E-05	1.81E-05	2.31E-05	3.28E-05	3.28E-05	5.09E-05	6.80E-05	1.80E-05	1.48E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Quinoline	1.51E-08	1.61E-08	2.81E-08	6.77E-08	6.56E-08	9.61E-08	1.10E-07	1.18E-07	0.00E+00	6.56E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	1,1,2,2-Tetrachloroethane	7.40E-05	1.06E-04	1.49E-04	1.94E-04	2.79E-04	2.63E-04	4.49E-04	6.12E-04	1.65E-04	1.14E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenville County	45045	U	Trichloroethylene	9.08E-02	9.40E-02	1.04E-01	1.13E-01	1.18E-01	1.26E-01	1.39E-01	1.50E-01	8.76E-03	2.79E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Greenville County	45045	U	Vinyl Chloride	3.66E-04	7.13E-04	1.07E-03	1.34E-03	1.68E-03	1.91E-03	2.81E-03	3.28E-03	4.05E-04	1.27E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Acetaldehyde	6.59E-02	6.61E-02	1.13E-01	1.60E-01	1.49E-01	1.81E-01	2.06E-01	2.16E-01	6.06E-04	1.86E-02	1.17E-01	1.25E-02	0.00E+00
South Carolina	Greenwood County	45047	R	Acrolein	2.43E-02	2.49E-02	3.04E-02	3.77E-02	3.79E-02	4.79E-02	4.99E-02	5.04E-02	3.60E-06	1.96E-02	1.60E-02	2.34E-03	0.00E+00
South Carolina	Greenwood County	45047	R	Acrylonitrile	3.55E-05	4.87E-05	6.64E-05	1.43E-04	3.93E-04	2.85E-04	1.43E-03	1.99E-03	1.93E-04	2.01E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Arsenic Compounds	9.54E-06	9.65E-06	1.65E-05	2.95E-05	3.55E-05	5.78E-05	7.01E-05	7.52E-05	1.19E-06	1.01E-05	2.05E-05	3.70E-06	0.00E+00
South Carolina	Greenwood County	45047	R	Benzene	6.16E-01	6.19E-01	6.87E-01	8.20E-01	8.46E-01	1.05E+00	1.12E+00	1.15E+00	5.61E-06	1.27E-01	2.10E-01	2.87E-02	4.80E-01
South Carolina	Greenwood County	45047	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Beryllium Compounds	6.12E-07	9.36E-07	1.35E-06	2.60E-06	3.06E-06	5.03E-06	6.34E-06	6.96E-06	5.60E-08	2.01E-06	0.00E+00	9.89E-07	0.00E+00
South Carolina	Greenwood County	45047	R	1,3-Butadiene	6.81E-03	7.22E-03	1.05E-02	1.70E-02	2.15E-02	3.39E-02	4.47E-02	4.96E-02	0.00E+00	3.88E-03	1.55E-02	2.08E-03	0.00E+00
South Carolina	Greenwood County	45047	R	Cadmium Compounds	1.37E-06	1.67E-06	2.44E-06	4.72E-06	5.50E-06	8.45E-06	1.14E-05	1.28E-05	1.45E-07	4.36E-06	0.00E+00	9.87E-07	0.00E+00
South Carolina	Greenwood County	45047	R	Carbon Disulfide	4.83E-02	4.89E-02	4.97E-02	5.21E-02	5.55E-02	6.02E-02	6.71E-02	6.78E-02	8.59E-08	8.47E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Greenwood County	45047	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.49E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Greenwood County	45047	R	Chloroform	8.72E-02	8.75E-02	9.19E-02	1.05E-01	1.08E-01	1.22E-01	1.40E-01	1.49E-01	1.43E-07	2.48E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Greenwood County	45047	R	Chromium Compounds (includes Hexavalent)	8.13E-06	8.16E-06	1.60E-05	2.75E-05	3.31E-05	5.59E-05	6.06E-05	6.45E-05	4.66E-06	1.42E-05	1.37E-05	5.58E-07	0.00E+00
South Carolina	Greenwood County	45047	R	Chromium VI	3.06E-06	3.09E-06	7.16E-06	1.16E-05	1.32E-05	1.92E-05	2.53E-05	2.63E-05	1.66E-06	5.92E-06	5.45E-06	1.90E-07	0.00E+00
South Carolina	Greenwood County	45047	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	1,4-Dichlorobenzene	2.66E-03	2.72E-03	4.76E-03	1.03E-02	1.27E-02	1.97E-02	2.85E-02	3.27E-02	4.44E-09	1.27E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	1,3-Dichloropropene	5.08E-03	5.21E-03	9.32E-03	2.05E-02	2.54E-02	3.97E-02	5.78E-02	6.63E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	2.91E-09	2.05E-06	0.00E+00	0.00E+00	7.70E-03
South Carolina	Greenwood County	45047	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	2.64E-08	6.77E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Greenwood County	45047	R	Ethylene Oxide	7.10E-05	7.91E-05	9.80E-05	2.50E-04	5.90E-04	5.97E-04	1.93E-03	3.08E-03	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Formaldehyde	3.62E-01	3.63E-01	3.95E-01	4.45E-01	4.51E-01	5.18E-01	5.48E-01	5.61E-01	1.56E-04	7.36E-02	1.03E-01	2.38E-02	2.50E-01
South Carolina	Greenwood County	45047	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.37E-05	9.38E-05	9.44E-05	9.45E-05	9.46E-05	0.00E+00	7.70E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Greenwood County	45047	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	5.55E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Greenwood County	45047	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	5.33E-06	1.07E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Hydrazine	1.16E-08	4.99E-08	1.21E-07	3.06E-07	5.57E-07	7.07E-07	1.62E-06	1.66E-06	0.00E+00	5.57E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Lead Compounds	6.80E-05	7.27E-05	1.36E-04	2.56E-04	6.04E-04	6.77E-04	1.94E-03	2.38E-03	1.28E-06	1.10E-04	0.00E+00	4.93E-04	0.00E+00
South Carolina	Greenwood County	45047	R	Manganese Compounds	8.33E-06	1.63E-05	2.70E-05	4.18E-05	4.91E-05	5.53E-05	1.04E-04	1.42E-04	1.34E-06	4.30E-05	4.37E-06	4.25E-07	0.00E+00
South Carolina	Greenwood County	45047	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.56E-03	1.56E-03	1.57E-03	2.03E-07	6.38E-06	2.30E-05	4.09E-06	1.50E-03
South Carolina	Greenwood County	45047	R	Methylene Chloride	1.60E-01	1.61E-01	1.71E-01	1.91E-01	2.00E-01	2.36E-01	2.56E-01	2.69E-01	7.72E-07	5.04E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Greenwood County	45047	R	Nickel Compounds	2.53E-05	2.66E-05	3.62E-05	5.50E-05	5.78E-05	7.80E-05	9.15E-05	9.54E-05	7.55E-07	4.59E-05	1.03E-05	7.90E-07	0.00E+00
South Carolina	Greenwood County	45047	R	Perchloroethylene	1.44E-01	1.44E-01	1.48E-01	1.58E-01	1.58E-01	1.68E-01	1.73E-01	1.75E-01	2.48E-08	1.76E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Greenwood County	45047	R	Polychlorinated Biphenyls	3.97E-04	3.97E-04	4.15E-04	4.61E-04	4.70E-04	5.47E-04	5.60E-04	5.68E-04	0.00E+00	8.96E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Greenwood County	45047	R	Polycyclic Organic Matter	1.02E-02	1.06E-02	1.38E-02	2.54E-02	2.81E-02	4.62E-02	5.00E-02	5.19E-02	6.08E-05	2.27E-02	4.79E-03	6.30E-04	0.00E+00
South Carolina	Greenwood County	45047	R	7-PAH	9.78E-04	1.00E-03	1.09E-03	1.71E-03	1.75E-03	2.42E-03	2.72E-03	2.91E-03	8.97E-10	1.71E-03	3.42E-05	7.95E-06	0.00E+00
South Carolina	Greenwood County	45047	R	Propylene Dichloride	4.94E-06	6.23E-06	9.61E-06	1.55E-05	2.99E-05	4.43E-05	7.65E-05	9.50E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Quinoline	3.71E-07	5.37E-07	7.75E-07	1.50E-06	2.45E-06	3.90E-06	5.78E-06	5.92E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	1,1,2,2-Tetrachloroethane	7.53E-06	9.98E-06	1.47E-05	3.14E-05	6.57E-05	5.51E-05	2.20E-04	3.60E-04	0.00E+00	6.57E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Greenwood County	45047	R	Trichloroethylene	8.21E-02	8.23E-02	8.41E-02	8.71E-02	8.85E-02	9.14E-02	9.76E-02	9.78E-02	2.76E-04	7.20E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Greenwood County	45047	R	Vinyl Chloride	3.72E-05	3.88E-05	7.01E-05	1.08E-04	2.18E-04	2.62E-04	6.53E-04	1.02E-03	1.01E-06	2.17E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Acetaldehyde	3.93E-02	3.93E-02	4.62E-02	4.64E-02	5.77E-02	4.80E-02	1.09E-01	1.09E-01	2.04E-05	1.55E-02	3.60E-02	6.25E-03	0.00E+00
South Carolina	Hampton County	45049	R	Acrolein	1.82E-02	1.82E-02	2.09E-02	2.18E-02	2.21E-02	2.41E-02	2.56E-02	2.56E-02	5.01E-06	1.61E-02	4.88E-03	1.16E-03	0.00E+00
South Carolina	Hampton County	45049	R	Acrylonitrile	4.97E-06	4.97E-06	5.99E-06	8.25E-06	8.23E-06	9.95E-06	1.20E-05	1.20E-05	0.00E+00	8.23E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Arsenic Compounds	9.23E-06	9.23E-06	9.52E-06	1.18E-05	1.70E-05	2.02E-05	3.41E-05	3.41E-05	9.04E-06	1.28E-06	5.23E-06	1.42E-06	0.00E+00
South Carolina	Hampton County	45049	R	Benzene	5.54E-01	5.54E-01	5.60E-01	5.69E-01	5.79E-01	5.73E-01	6.40E-01	6.40E-01	3.32E-05	3.82E-02	4.84E-02	1.23E-02	4.80E-01
South Carolina	Hampton County	45049	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Beryllium Compounds	6.65E-07	6.65E-07	6.71E-07	1.05E-06	1.06E-06	1.30E-06	1.63E-06	1.63E-06	4.60E-07	1.94E-07	0.00E+00	4.07E-07	0.00E+00
South Carolina	Hampton County	45049	R	1,3-Butadiene	4.10E-03	4.10E-03	4.52E-03	4.62E-03	6.32E-03	7.38E-03	1.10E-02	1.10E-02	0.00E+00	3.45E-03	2.39E-03	4.84E-04	0.00E+00
South Carolina	Hampton County	45049	R	Cadmium Compounds	1.30E-06	1.30E-06	1.32E-06	1.75E-06	2.12E-06	2.80E-06	3.43E-06	3.43E-06	1.31E-06	4.03E-07	0.00E+00	4.05E-07	0.00E+00
South Carolina	Hampton County	45049	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	2.45E-06	8.13E-05	0.00E+00	0.00E+00	4.70E-02
South Carolina	Hampton County	45049	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.59E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Hampton County	45049	R	Chloroform	8.58E-02	8.58E-02	8.75E-02	9.39E-02	9.13E-02	9.43E-02	9.49E-02	9.49E-02	5.11E-03	3.15E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Hampton County	45049	R	Chromium Compounds (includes Hexavalent)	5.03E-06	5.03E-06	6.42E-06	6.82E-06	9.83E-06	1.12E-05	1.96E-05	1.96E-05	5.03E-06	1.29E-06	3.30E-06	2.15E-07	0.00E+00
South Carolina	Hampton County	45049	R	Chromium VI	2.32E-06	2.32E-06	2.51E-06	2.60E-06	3.17E-06	3.00E-06	5.43E-06	5.43E-06	1.09E-06	6.78E-07	1.33E-06	7.33E-08	0.00E+00
South Carolina	Hampton County	45049	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	1,4-Dichlorobenzene	1.68E-03	1.68E-03	1.75E-03	1.84E-03	1.96E-03	2.15E-03	2.41E-03	2.41E-03	9.10E-08	1.96E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	1,3-Dichloropropene	3.23E-03	3.23E-03	3.30E-03	3.59E-03	3.82E-03	4.24E-03	4.74E-03	4.74E-03	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.82E-09	1.26E-08	0.00E+00	0.00E+00	7.70E-03

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Hampton County	45049	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	7.53E-07	1.05E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Hampton County	45049	R	Ethylene Oxide	1.23E-05	1.23E-05	2.14E-05	2.37E-05	3.50E-05	4.90E-05	6.88E-05	6.88E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Formaldehyde	3.43E-01	3.43E-01	3.58E-01	3.77E-01	3.92E-01	3.80E-01	5.03E-01	5.03E-01	4.08E-02	6.49E-02	2.62E-02	1.04E-02	2.50E-01
South Carolina	Hampton County	45049	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.62E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Hampton County	45049	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.94E-09	0.00E+00	0.00E+00	1.80E-03
South Carolina	Hampton County	45049	R	Hexamethylene Diisocyanate	2.24E-07	2.24E-07	3.40E-07	4.18E-07	1.96E-06	1.93E-06	6.90E-06	6.90E-06	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Hydrazine	1.16E-10	1.16E-10	2.18E-10	7.20E-10	8.28E-10	1.36E-09	1.73E-09	1.73E-09	0.00E+00	8.28E-10	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Lead Compounds	8.91E-05	8.91E-05	1.03E-04	1.25E-04	2.43E-04	3.78E-04	5.21E-04	5.21E-04	1.95E-04	1.09E-05	0.00E+00	3.68E-05	0.00E+00
South Carolina	Hampton County	45049	R	Manganese Compounds	3.85E-05	3.85E-05	4.45E-05	4.70E-05	8.72E-05	1.48E-04	1.58E-04	1.58E-04	3.67E-05	4.93E-05	1.02E-06	1.66E-07	0.00E+00
South Carolina	Hampton County	45049	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.56E-03	1.58E-03	1.58E-03	3.28E-05	5.45E-07	6.07E-06	1.68E-06	1.50E-03
South Carolina	Hampton County	45049	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.61E-01	1.75E-01	1.71E-01	2.28E-01	2.28E-01	8.66E-05	2.51E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Hampton County	45049	R	Nickel Compounds	3.02E-05	3.02E-05	3.70E-05	1.14E-04	8.45E-05	1.20E-04	1.21E-04	1.21E-04	7.90E-05	2.74E-06	2.46E-06	3.21E-07	0.00E+00
South Carolina	Hampton County	45049	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.47E-01	1.43E-01	1.63E-01	1.63E-01	7.06E-07	6.70E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Hampton County	45049	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.93E-04	4.00E-04	3.97E-04	4.01E-04	4.01E-04	4.01E-04	0.00E+00	1.74E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Hampton County	45049	R	Polycyclic Organic Matter	4.13E-03	4.13E-03	4.42E-03	4.73E-03	4.95E-03	5.18E-03	6.29E-03	6.29E-03	6.92E-07	3.62E-03	1.14E-03	1.88E-04	0.00E+00
South Carolina	Hampton County	45049	R	7-PAH	5.90E-04	5.90E-04	6.15E-04	6.57E-04	6.96E-04	7.93E-04	8.26E-04	8.26E-04	1.03E-08	6.84E-04	8.41E-06	3.65E-06	0.00E+00
South Carolina	Hampton County	45049	R	Propylene Dichloride	3.45E-07	3.45E-07	3.76E-07	4.22E-07	4.89E-07	5.97E-07	7.05E-07	7.05E-07	0.00E+00	4.89E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Quinoline	4.31E-09	4.31E-09	8.44E-09	1.38E-08	1.17E-08	1.50E-08	1.71E-08	1.71E-08	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	1,1,2,2-Tetrachloroethane	2.87E-08	2.87E-08	1.79E-06	1.80E-06	2.46E-06	3.19E-06	5.48E-06	5.48E-06	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Hampton County	45049	R	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.14E-02	8.15E-02	8.17E-02	8.19E-02	8.19E-02	0.00E+00	5.36E-04	0.00E+00	0.00E+00	8.10E-02
South Carolina	Hampton County	45049	R	Vinyl Chloride	6.37E-07	6.37E-07	4.71E-06	4.90E-06	6.44E-06	8.30E-06	1.36E-05	1.36E-05	0.00E+00	6.44E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Acetaldehyde	8.23E-02	9.76E-02	1.35E-01	1.86E-01	2.13E-01	2.82E-01	3.59E-01	3.78E-01	8.29E-03	8.61E-03	1.51E-01	4.57E-02	0.00E+00
South Carolina	Horry County	45051	R	Acrolein	2.04E-02	2.28E-02	2.85E-02	3.46E-02	3.41E-02	3.90E-02	4.54E-02	4.94E-02	1.49E-04	1.11E-02	1.73E-02	5.58E-03	0.00E+00
South Carolina	Horry County	45051	R	Acrylonitrile	6.70E-05	9.96E-05	1.73E-04	2.23E-04	5.20E-04	3.43E-04	6.07E-04	7.74E-04	4.71E-04	4.84E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Arsenic Compounds	2.70E-05	3.01E-05	3.81E-05	5.30E-05	5.91E-05	7.66E-05	9.45E-05	1.06E-04	2.08E-05	1.43E-05	1.84E-05	5.59E-06	0.00E+00
South Carolina	Horry County	45051	R	Benzene	6.19E-01	6.53E-01	7.08E-01	8.56E-01	8.66E-01	9.81E-01	1.11E+00	1.16E+00	2.11E-03	5.94E-02	2.30E-01	9.54E-02	4.80E-01
South Carolina	Horry County	45051	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Beryllium Compounds	1.47E-06	1.64E-06	2.12E-06	2.59E-06	3.69E-06	4.63E-06	6.68E-06	1.22E-05	1.63E-06	2.06E-06	0.00E+00	1.16E-08	0.00E+00
South Carolina	Horry County	45051	R	1,3-Butadiene	7.23E-03	8.61E-03	1.25E-02	2.18E-02	2.52E-02	3.47E-02	4.91E-02	5.35E-02	3.56E-07	2.05E-03	1.66E-02	6.56E-03	0.00E+00
South Carolina	Horry County	45051	R	Cadmium Compounds	3.08E-06	4.03E-06	4.82E-06	5.77E-06	6.54E-06	8.38E-06	1.09E-05	1.10E-05	3.14E-06	3.38E-06	0.00E+00	1.31E-08	0.00E+00
South Carolina	Horry County	45051	R	Carbon Disulfide	4.72E-02	4.72E-02	4.76E-02	4.80E-02	4.86E-02	4.95E-02	5.01E-02	5.05E-02	8.24E-04	7.32E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Horry County	45051	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.83E-01	8.83E-01	6.68E-04	1.25E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Horry County	45051	R	Chloroform	8.51E-02	8.62E-02	8.80E-02	9.38E-02	9.45E-02	9.92E-02	1.04E-01	1.08E-01	2.15E-03	9.36E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Horry County	45051	R	Chromium Compounds (includes Hexavalent)	2.45E-05	2.71E-05	3.35E-05	4.46E-05	8.52E-05	6.08E-05	7.51E-05	4.15E-04	4.68E-05	2.31E-05	1.43E-05	1.04E-06	0.00E+00
South Carolina	Horry County	45051	R	Chromium VI	8.74E-06	9.00E-06	1.14E-05	1.61E-05	4.77E-05	2.32E-05	2.94E-05	2.97E-04	3.19E-05	9.72E-06	5.69E-06	3.54E-07	0.00E+00
South Carolina	Horry County	45051	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	1,4-Dichlorobenzene	3.06E-03	4.08E-03	5.63E-03	9.77E-03	1.11E-02	1.55E-02	2.10E-02	2.50E-02	5.71E-05	1.10E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	1,3-Dichloropropene	5.94E-03	7.92E-03	1.10E-02	1.92E-02	2.21E-02	3.12E-02	4.23E-02	5.05E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.48E-07	8.12E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Horry County	45051	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	1.06E-04	5.98E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Horry County	45051	R	Ethylene Oxide	4.13E-05	4.68E-05	1.20E-04	2.08E-04	2.65E-04	3.43E-04	6.22E-04	7.81E-04	1.68E-05	2.48E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Formaldehyde	3.53E-01	3.74E-01	3.93E-01	4.44E-01	4.58E-01	4.95E-01	5.82E-01	5.92E-01	2.09E-03	4.20E-02	1.11E-01	5.31E-02	2.50E-01
South Carolina	Horry County	45051	R	Hexachlorobenzene	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	9.37E-05	9.39E-05	9.40E-05	0.00E+00	4.60E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Horry County	45051	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	6.38E-08	7.81E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Horry County	45051	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-10	1.69E-09	2.17E-09	3.56E-09	8.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Hydrazine	4.55E-10	5.47E-10	7.04E-10	2.06E-09	1.90E-08	7.95E-09	4.72E-08	1.53E-07	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Lead Compounds	1.58E-04	1.86E-04	3.12E-04	5.38E-04	8.20E-04	7.87E-04	1.41E-03	3.71E-03	8.50E-05	6.79E-05	0.00E+00	6.67E-04	0.00E+00
South Carolina	Horry County	45051	R	Manganese Compounds	3.18E-05	3.39E-05	6.56E-05	1.24E-04	1.68E-04	2.42E-04	2.93E-04	5.34E-04	1.11E-04	5.12E-05	4.58E-06	6.80E-07	0.00E+00
South Carolina	Horry County	45051	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	2.44E-06	6.66E-06	1.90E-05	4.16E-06	1.50E-03
South Carolina	Horry County	45051	R	Methylene Chloride	1.63E-01	1.65E-01	1.77E-01	2.32E-01	2.19E-01	2.46E-01	2.70E-01	2.79E-01	2.26E-02	4.65E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Horry County	45051	R	Nickel Compounds	2.20E-05	2.29E-05	2.79E-05	3.62E-05	4.98E-05	5.41E-05	6.92E-05	1.85E-04	2.39E-05	1.37E-05	1.06E-05	1.56E-06	0.00E+00
South Carolina	Horry County	45051	R	Perchloroethylene	1.44E-01	1.46E-01	1.50E-01	1.57E-01	1.61E-01	1.64E-01	1.89E-01	1.94E-01	1.25E-03	2.02E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Horry County	45051	R	Polychlorinated Biphenyls	3.95E-04	3.96E-04	4.09E-04	4.27E-04	4.35E-04	4.64E-04	4.84E-04	4.97E-04	2.12E-08	5.47E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Horry County	45051	R	Polycyclic Organic Matter	7.89E-03	8.52E-03	1.11E-02	1.70E-02	1.75E-02	2.14E-02	3.00E-02	3.41E-02	1.04E-04	1.14E-02	4.98E-03	1.02E-03	0.00E+00
South Carolina	Horry County	45051	R	7-PAH	4.88E-04	5.24E-04	6.02E-04	7.59E-04	7.89E-04	9.45E-04	1.14E-03	1.14E-03	1.79E-08	7.35E-04	3.30E-05	2.11E-05	0.00E+00
South Carolina	Horry County	45051	R	Propylene Dichloride	4.00E-06	5.80E-06	9.48E-06	1.20E-05	3.04E-05	2.00E-05	2.67E-05	4.68E-05	2.78E-05	2.63E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Quinoline	1.34E-08	1.40E-08	2.11E-08	3.60E-08	9.24E-08	7.86E-08	2.36E-07	5.38E-07	0.00E+00	9.24E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	1,1,2,2-Tetrachloroethane	1.65E-05	3.08E-05	6.01E-05	9.17E-05	2.51E-04	1.42E-04	2.26E-04	4.15E-04	2.46E-04	5.31E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Horry County	45051	R	Trichloroethylene	8.22E-02	8.33E-02	8.50E-02	8.68E-02	8.84E-02	8.93E-02	9.63E-02	9.90E-02	6.06E-04	6.82E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Horry County	45051	R	Vinyl Chloride	5.07E-05	8.84E-05	1.49E-04	2.27E-04	6.21E-04	3.54E-04	5.60E-04	1.02E-03	6.05E-04	1.61E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Acetaldehyde	8.75E-02	8.75E-02	8.75E-02	1.75E-01	2.13E-01	3.76E-01	3.76E-01	3.76E-01	2.40E-02	1.93E-02	1.27E-01	4.29E-02	0.00E+00
South Carolina	Jasper County	45053	R	Acrolein	2.92E-02	2.92E-02	2.92E-02	3.30E-02	3.45E-02	4.13E-02	4.13E-02	4.13E-02	4.16E-04	1.63E-02	1.26E-02	5.22E-03	0.00E+00
South Carolina	Jasper County	45053	R	Acrylonitrile	2.10E-05	2.10E-05	2.10E-05	3.79E-05	6.20E-05	1.27E-04	1.27E-04	1.27E-04	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Arsenic Compounds	2.14E-05	2.14E-05	2.14E-05	3.91E-05	4.21E-05	6.58E-05	6.58E-05	6.58E-05	2.47E-05	3.03E-06	1.19E-05	2.50E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Jasper County	45053	R	Benzene	6.14E-01	6.14E-01	6.14E-01	7.09E-01	7.00E-01	7.78E-01	7.78E-01	7.78E-01	5.49E-03	4.43E-02	1.20E-01	5.11E-02	4.80E-01
South Carolina	Jasper County	45053	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Beryllium Compounds	9.51E-07	9.51E-07	9.51E-07	1.48E-06	1.51E-06	2.09E-06	2.09E-06	2.09E-06	6.72E-07	3.43E-07	0.00E+00	4.95E-07	0.00E+00
South Carolina	Jasper County	45053	R	1,3-Butadiene	5.19E-03	5.19E-03	5.19E-03	1.09E-02	9.56E-03	1.26E-02	1.26E-02	1.26E-02	1.51E-05	3.20E-03	5.17E-03	1.18E-03	0.00E+00
South Carolina	Jasper County	45053	R	Cadmium Compounds	3.10E-06	3.10E-06	3.10E-06	6.28E-06	7.18E-06	1.22E-05	1.22E-05	1.22E-05	5.44E-06	1.08E-06	0.00E+00	6.66E-07	0.00E+00
South Carolina	Jasper County	45053	R	Carbon Disulfide	4.81E-02	4.81E-02	4.81E-02	4.92E-02	4.99E-02	5.24E-02	5.24E-02	5.24E-02	2.61E-03	3.05E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Jasper County	45053	R	Carbon Tetrachloride	8.82E-01	8.82E-01	8.82E-01	8.83E-01	8.84E-01	8.87E-01	8.87E-01	8.87E-01	3.74E-03	8.06E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Jasper County	45053	R	Chloroform	1.11E-01	1.11E-01	1.11E-01	1.15E-01	1.20E-01	1.34E-01	1.34E-01	1.34E-01	3.28E-02	3.97E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Jasper County	45053	R	Chromium Compounds (includes Hexavalent)	1.95E-05	1.95E-05	1.95E-05	4.12E-05	4.66E-05	7.91E-05	7.91E-05	7.91E-05	3.39E-05	3.33E-06	8.02E-06	1.29E-06	0.00E+00
South Carolina	Jasper County	45053	R	Chromium VI	7.87E-06	7.87E-06	7.87E-06	1.98E-05	2.26E-05	4.01E-05	4.01E-05	4.01E-05	1.71E-05	1.80E-06	3.22E-06	4.39E-07	0.00E+00
South Carolina	Jasper County	45053	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	1,4-Dichlorobenzene	2.43E-03	2.43E-03	2.43E-03	3.42E-03	3.43E-03	4.44E-03	4.44E-03	4.44E-03	1.49E-08	3.43E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	1,3-Dichloropropene	4.55E-03	4.55E-03	4.55E-03	6.49E-03	6.47E-03	8.36E-03	8.36E-03	8.36E-03	0.00E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.92E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Jasper County	45053	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.13E-02	6.13E-02	6.16E-02	6.16E-02	6.16E-02	3.34E-04	7.74E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Jasper County	45053	R	Ethylene Oxide	3.01E-05	3.01E-05	3.01E-05	4.11E-05	5.92E-05	1.07E-04	1.07E-04	1.07E-04	0.00E+00	5.92E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Formaldehyde	3.89E-01	3.89E-01	3.89E-01	4.51E-01	4.74E-01	5.82E-01	5.82E-01	5.82E-01	2.08E-02	6.94E-02	8.06E-02	5.32E-02	2.50E-01
South Carolina	Jasper County	45053	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.80E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Jasper County	45053	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.14E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Jasper County	45053	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	7.86E-08	9.14E-08	1.96E-07	1.96E-07	1.96E-07	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Hydrazine	9.96E-11	9.96E-11	9.96E-11	5.70E-10	1.13E-09	2.73E-09	2.73E-09	2.73E-09	0.00E+00	1.13E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Lead Compounds	2.71E-04	2.71E-04	2.71E-04	2.75E-04	3.67E-04	5.55E-04	5.55E-04	5.55E-04	1.24E-04	1.59E-05	0.00E+00	2.27E-04	0.00E+00
South Carolina	Jasper County	45053	R	Manganese Compounds	7.12E-04	7.12E-04	7.12E-04	1.84E-03	2.21E-03	4.08E-03	4.08E-03	4.08E-03	2.06E-03	1.50E-04	2.49E-06	2.15E-06	0.00E+00
South Carolina	Jasper County	45053	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	9.62E-06	1.75E-06	1.34E-05	3.41E-06	1.50E-03
South Carolina	Jasper County	45053	R	Methylene Chloride	1.62E-01	1.62E-01	1.62E-01	1.74E-01	1.78E-01	1.98E-01	1.98E-01	1.98E-01	1.20E-02	1.59E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Jasper County	45053	R	Nickel Compounds	2.16E-04	2.16E-04	2.16E-04	2.50E-04	2.48E-04	2.78E-04	2.78E-04	2.78E-04	1.81E-04	1.78E-05	5.98E-06	4.28E-05	0.00E+00
South Carolina	Jasper County	45053	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.50E-01	1.51E-01	1.59E-01	1.59E-01	1.59E-01	2.11E-03	8.99E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Jasper County	45053	R	Polychlorinated Biphenyls	3.97E-04	3.97E-04	3.97E-04	4.01E-04	4.01E-04	4.07E-04	4.07E-04	4.07E-04	0.00E+00	2.15E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Jasper County	45053	R	Polycyclic Organic Matter	6.69E-03	6.69E-03	6.69E-03	9.45E-03	9.21E-03	1.15E-02	1.15E-02	1.15E-02	3.62E-04	5.30E-03	2.76E-03	7.92E-04	0.00E+00
South Carolina	Jasper County	45053	R	7-PAH	7.29E-04	7.29E-04	7.29E-04	7.86E-04	7.73E-04	8.05E-04	8.05E-04	8.05E-04	1.79E-07	7.32E-04	2.00E-05	2.09E-05	0.00E+00
South Carolina	Jasper County	45053	R	Propylene Dichloride	1.12E-06	1.12E-06	1.12E-06	2.26E-06	3.77E-06	7.92E-06	7.92E-06	7.92E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Quinoline	4.66E-09	4.66E-09	4.66E-09	3.02E-08	4.81E-08	1.09E-07	1.09E-07	1.09E-07	0.00E+00	4.81E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	1,1,2,2-Tetrachloroethane	8.07E-06	8.07E-06	8.07E-06	1.53E-05	2.72E-05	5.81E-05	5.81E-05	5.81E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Jasper County	45053	R	Trichloroethylene	8.18E-02	8.18E-02	8.18E-02	8.29E-02	8.35E-02	8.57E-02	8.57E-02	8.57E-02	1.22E-03	1.24E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Jasper County	45053	R	Vinyl Chloride	2.01E-05	2.01E-05	2.01E-05	3.88E-05	6.85E-05	1.47E-04	1.47E-04	1.47E-04	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Acetaldehyde	6.93E-02	8.06E-02	1.20E-01	2.02E-01	2.62E-01	3.24E-01	4.27E-01	8.02E-01	2.24E-02	1.37E-02	2.13E-01	1.31E-02	0.00E+00
South Carolina	Kershaw County	45055	R	Acrolein	2.55E-02	2.55E-02	3.35E-02	4.17E-02	4.33E-02	5.23E-02	5.47E-02	7.06E-02	1.32E-04	1.94E-02	2.10E-02	2.73E-03	0.00E+00
South Carolina	Kershaw County	45055	R	Acrylonitrile	5.04E-06	1.47E-05	5.66E-05	1.78E-04	2.06E-04	2.55E-04	3.97E-04	6.61E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Arsenic Compounds	1.49E-05	1.61E-05	2.24E-05	3.79E-05	1.14E-04	7.48E-05	4.32E-04	5.10E-04	8.63E-05	7.04E-06	1.84E-05	2.68E-06	0.00E+00
South Carolina	Kershaw County	45055	R	Benzene	6.18E-01	6.19E-01	6.64E-01	7.98E-01	8.08E-01	9.34E-01	9.96E-01	1.14E+00	3.63E-04	9.58E-02	1.99E-01	3.25E-02	4.80E-01
South Carolina	Kershaw County	45055	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Beryllium Compounds	6.66E-07	7.26E-07	1.12E-06	1.73E-06	1.77E-06	2.88E-06	2.97E-06	3.36E-06	7.82E-07	8.77E-07	0.00E+00	1.15E-07	0.00E+00
South Carolina	Kershaw County	45055	R	1,3-Butadiene	6.32E-03	6.62E-03	7.00E-03	9.41E-03	1.45E-02	1.97E-02	2.92E-02	3.64E-02	0.00E+00	4.00E-03	8.57E-03	1.93E-03	0.00E+00
South Carolina	Kershaw County	45055	R	Cadmium Compounds	1.96E-06	2.58E-06	3.46E-06	4.36E-06	4.65E-06	6.35E-06	7.21E-06	7.74E-06	2.39E-06	2.15E-06	0.00E+00	1.14E-07	0.00E+00
South Carolina	Kershaw County	45055	R	Carbon Disulfide	4.71E-02	4.72E-02	4.79E-02	4.81E-02	4.81E-02	4.84E-02	4.88E-02	4.93E-02	9.61E-04	1.46E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Kershaw County	45055	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	1.37E-03	4.01E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Kershaw County	45055	R	Chloroform	8.40E-02	8.41E-02	9.10E-02	9.66E-02	9.45E-02	9.79E-02	1.00E-01	1.03E-01	6.45E-03	5.04E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Kershaw County	45055	R	Chromium Compounds (includes Hexavalent)	6.32E-05	8.68E-05	1.10E-04	2.26E-04	8.14E-04	5.62E-04	1.11E-03	5.80E-03	2.46E-05	7.76E-04	1.30E-05	4.09E-07	0.00E+00
South Carolina	Kershaw County	45055	R	Chromium VI	2.11E-05	2.98E-05	3.71E-05	7.55E-05	2.79E-04	1.97E-04	3.85E-04	1.98E-03	1.14E-05	2.62E-04	5.23E-06	1.39E-07	0.00E+00
South Carolina	Kershaw County	45055	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	1,4-Dichlorobenzene	2.87E-03	3.10E-03	3.29E-03	9.14E-03	8.31E-03	1.25E-02	1.42E-02	1.57E-02	1.22E-06	8.31E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	1,3-Dichloropropene	5.47E-03	5.88E-03	6.13E-03	1.72E-02	1.59E-02	2.46E-02	2.78E-02	3.03E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.65E-08	1.15E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Kershaw County	45055	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.16E-02	1.23E-04	1.21E-04	0.00E+00	0.00E+00	6.10E-02
South Carolina	Kershaw County	45055	R	Ethylene Oxide	3.39E-05	4.24E-05	4.72E-05	2.03E-04	2.23E-04	3.00E-04	3.03E-04	8.41E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Formaldehyde	3.60E-01	3.68E-01	4.00E-01	4.83E-01	4.84E-01	5.31E-01	5.60E-01	7.48E-01	3.58E-03	7.97E-02	1.27E-01	2.31E-02	2.50E-01
South Carolina	Kershaw County	45055	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.40E-05	9.40E-05	9.44E-05	0.00E+00	4.86E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Kershaw County	45055	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.73E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Kershaw County	45055	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	2.58E-06	4.25E-06	4.30E-06	1.27E-06	1.44E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Hydrazine	2.34E-13	1.71E-12	1.18E-11	6.99E-11	9.71E-11	1.58E-10	2.57E-10	2.64E-10	0.00E+00	9.71E-11	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Lead Compounds	1.02E-04	1.67E-04	2.29E-04	3.80E-04	9.79E-04	8.58E-04	1.16E-03	6.11E-03	1.99E-05	5.91E-05	0.00E+00	9.00E-04	0.00E+00
South Carolina	Kershaw County	45055	R	Manganese Compounds	2.04E-04	3.68E-04	4.13E-04	8.10E-04	1.22E-03	1.30E-03	1.45E-03	6.02E-03	2.40E-04	9.75E-04	3.98E-06	2.99E-07	0.00E+00
South Carolina	Kershaw County	45055	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	1.55E-03	1.57E-03	2.71E-06	3.42E-06	2.04E-05	2.27E-06	1.50E-03
South Carolina	Kershaw County	45055	R	Methylene Chloride	1.59E-01	1.63E-01	1.73E-01	1.95E-01	1.95E-01	2.21E-01	2.27E-01	2.35E-01	1.37E-02	3.15E-02	0.00E+00	0.00E+00	1.50E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Kershaw County	45055	R	Nickel Compounds	1.10E-05	1.35E-05	1.95E-05	3.71E-05	4.62E-05	5.42E-05	5.94E-05	1.55E-04	1.33E-05	2.28E-05	9.66E-06	4.98E-07	0.00E+00
South Carolina	Kershaw County	45055	R	Perchloroethylene	1.43E-01	1.43E-01	1.46E-01	1.52E-01	1.51E-01	1.57E-01	1.58E-01	1.59E-01	2.31E-04	1.09E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Kershaw County	45055	R	Polychlorinated Biphenyls	3.97E-04	4.01E-04	4.03E-04	4.12E-04	4.38E-04	4.98E-04	4.98E-04	5.45E-04	0.00E+00	5.82E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Kershaw County	45055	R	Polycyclic Organic Matter	9.35E-03	1.02E-02	1.13E-02	1.98E-02	1.99E-02	2.95E-02	3.33E-02	3.39E-02	5.42E-04	1.42E-02	4.51E-03	6.18E-04	0.00E+00
South Carolina	Kershaw County	45055	R	7-PAH	9.16E-04	9.17E-04	9.79E-04	1.13E-03	1.32E-03	1.59E-03	1.89E-03	2.24E-03	1.08E-07	1.28E-03	3.16E-05	7.68E-06	0.00E+00
South Carolina	Kershaw County	45055	R	Propylene Dichloride	2.55E-07	9.77E-07	3.38E-06	1.06E-05	1.23E-05	1.47E-05	2.37E-05	3.98E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Quinoline	1.17E-11	9.28E-11	8.25E-10	4.54E-09	5.67E-09	8.32E-09	1.43E-08	1.77E-08	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	1,1,2,2-Tetrachloroethane	1.77E-06	6.88E-06	3.03E-05	9.49E-05	1.09E-04	1.25E-04	2.13E-04	3.59E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Kershaw County	45055	R	Trichloroethylene	8.17E-02	8.22E-02	8.33E-02	8.60E-02	8.66E-02	9.10E-02	9.17E-02	9.34E-02	2.33E-04	5.40E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Kershaw County	45055	R	Vinyl Chloride	4.36E-06	1.75E-05	7.46E-05	2.34E-04	2.70E-04	3.07E-04	5.25E-04	8.84E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Acetaldehyde	9.46E-02	1.18E-01	1.55E-01	1.99E-01	2.61E-01	2.75E-01	5.26E-01	6.78E-01	6.53E-02	1.59E-02	1.60E-01	2.03E-02	0.00E+00
South Carolina	Lancaster County	45057	R	Acrolein	2.86E-02	2.91E-02	3.79E-02	4.47E-02	4.90E-02	5.99E-02	6.47E-02	8.89E-02	2.88E-03	1.72E-02	2.44E-02	4.50E-03	0.00E+00
South Carolina	Lancaster County	45057	R	Acrylonitrile	7.86E-06	1.77E-05	2.23E-05	3.43E-05	7.27E-05	5.98E-05	9.09E-05	4.70E-04	1.76E-06	7.09E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Arsenic Compounds	1.73E-05	5.28E-05	8.14E-05	1.08E-04	1.14E-04	1.69E-04	1.71E-04	1.91E-04	7.78E-05	9.79E-06	2.22E-05	4.29E-06	0.00E+00
South Carolina	Lancaster County	45057	R	Benzene	6.63E-01	6.73E-01	7.77E-01	8.76E-01	8.88E-01	1.01E+00	1.17E+00	1.19E+00	8.02E-04	1.21E-01	2.42E-01	4.43E-02	4.80E-01
South Carolina	Lancaster County	45057	R	Benzidine	0.00E+00	0.00E+00	1.23E-12	2.00E-12	2.53E-12	2.13E-12	3.01E-12	1.47E-11	0.00E+00	2.53E-12	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Beryllium Compounds	8.93E-07	1.22E-06	1.89E-06	3.26E-06	3.64E-06	4.67E-06	7.00E-06	9.97E-06	1.28E-06	2.04E-06	0.00E+00	3.17E-07	0.00E+00
South Carolina	Lancaster County	45057	R	1,3-Butadiene	6.03E-03	6.67E-03	9.36E-03	1.49E-02	1.84E-02	1.87E-02	3.91E-02	4.70E-02	3.92E-06	3.65E-03	1.16E-02	3.21E-03	0.00E+00
South Carolina	Lancaster County	45057	R	Cadmium Compounds	2.54E-06	3.23E-06	4.01E-06	8.30E-06	1.47E-05	2.20E-05	2.93E-05	4.74E-05	3.56E-06	1.08E-05	0.00E+00	3.16E-07	0.00E+00
South Carolina	Lancaster County	45057	R	Carbon Disulfide	4.91E-02	4.92E-02	5.07E-02	5.27E-02	5.23E-02	5.34E-02	5.55E-02	5.69E-02	4.61E-03	7.22E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Lancaster County	45057	R	Carbon Tetrachloride	8.82E-01	8.83E-01	8.84E-01	8.87E-01	8.86E-01	8.88E-01	8.90E-01	8.91E-01	6.41E-03	7.40E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Lancaster County	45057	R	Chloroform	9.69E-02	9.80E-02	1.10E-01	1.22E-01	1.23E-01	1.34E-01	1.53E-01	1.58E-01	3.39E-02	6.40E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Lancaster County	45057	R	Chromium Compounds (includes Hexavalent)	5.11E-05	7.23E-05	8.62E-05	1.13E-04	1.28E-04	1.45E-04	1.78E-04	3.51E-04	8.29E-05	2.83E-05	1.57E-05	6.68E-07	0.00E+00
South Carolina	Lancaster County	45057	R	Chromium VI	2.05E-05	2.90E-05	3.11E-05	4.28E-05	4.51E-05	5.74E-05	5.97E-05	8.79E-05	2.98E-05	8.91E-06	6.24E-06	2.27E-07	0.00E+00
South Carolina	Lancaster County	45057	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	1,4-Dichlorobenzene	4.79E-03	4.82E-03	7.81E-03	1.14E-02	1.32E-02	1.76E-02	2.23E-02	3.02E-02	3.13E-06	1.32E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	1,3-Dichloropropene	9.17E-03	9.37E-03	1.52E-02	2.18E-02	2.59E-02	3.50E-02	4.44E-02	6.07E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.40E-08	1.68E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Lancaster County	45057	R	Ethylene Dichloride	6.12E-02	6.13E-02	6.14E-02	6.16E-02	6.16E-02	6.17E-02	6.19E-02	6.20E-02	5.71E-04	7.69E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Lancaster County	45057	R	Ethylene Oxide	6.10E-05	7.82E-05	4.46E-04	1.08E-03	1.17E-03	1.58E-03	1.99E-03	3.85E-03	3.58E-04	8.14E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Formaldehyde	3.86E-01	3.88E-01	4.39E-01	4.64E-01	5.18E-01	6.54E-01	6.72E-01	7.17E-01	3.66E-02	6.50E-02	1.27E-01	3.91E-02	2.50E-01
South Carolina	Lancaster County	45057	R	Hexachlorobenzene	9.32E-05	9.33E-05	9.35E-05	9.37E-05	9.39E-05	9.44E-05	9.45E-05	9.49E-05	2.34E-08	8.53E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Lancaster County	45057	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	3.87E-09	2.86E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Lancaster County	45057	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	8.56E-07	3.92E-05	9.91E-06	1.25E-05	4.74E-04	3.44E-05	4.87E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Hydrazine	1.36E-10	1.46E-09	2.21E-09	3.40E-09	5.66E-06	7.50E-06	9.96E-06	3.38E-05	7.17E-09	5.65E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Lead Compounds	1.98E-04	3.44E-04	4.68E-04	7.04E-04	7.39E-04	8.16E-04	1.08E-03	1.99E-03	1.12E-04	4.45E-04	0.00E+00	1.82E-04	0.00E+00
South Carolina	Lancaster County	45057	R	Manganese Compounds	8.15E-04	1.43E-03	2.88E-03	3.49E-03	5.78E-03	5.67E-03	8.83E-03	2.65E-02	1.66E-03	4.11E-03	4.89E-06	4.83E-07	0.00E+00
South Carolina	Lancaster County	45057	R	Mercury Compounds	1.51E-03	1.51E-03	1.63E-03	1.64E-03	1.63E-03	1.67E-03	1.69E-03	1.69E-03	2.81E-06	9.54E-05	2.43E-05	3.76E-06	1.50E-03
South Carolina	Lancaster County	45057	R	Methylene Chloride	1.67E-01	1.81E-01	2.00E-01	2.32E-01	2.46E-01	2.71E-01	3.47E-01	4.19E-01	3.04E-02	6.56E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Lancaster County	45057	R	Nickel Compounds	6.61E-05	8.28E-05	1.04E-04	1.80E-04	1.79E-04	2.32E-04	2.46E-04	3.81E-04	1.41E-04	2.56E-05	1.17E-05	8.27E-07	0.00E+00
South Carolina	Lancaster County	45057	R	Perchloroethylene	1.46E-01	1.47E-01	1.52E-01	1.56E-01	1.58E-01	1.62E-01	1.71E-01	1.79E-01	1.21E-03	1.70E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Lancaster County	45057	R	Polychlorinated Biphenyls	4.05E-04	4.16E-04	4.27E-04	4.63E-04	4.83E-04	5.46E-04	5.54E-04	6.03E-04	1.20E-13	1.03E-04	0.00E+00	0.00E+00	3.80E-04
South Carolina	Lancaster County	45057	R	Polycyclic Organic Matter	1.36E-02	1.38E-02	2.02E-02	2.98E-02	2.87E-02	3.25E-02	4.16E-02	6.28E-02	1.48E-04	2.22E-02	5.52E-03	8.47E-04	0.00E+00
South Carolina	Lancaster County	45057	R	7-PAH	8.43E-04	1.12E-03	1.24E-03	1.47E-03	1.64E-03	1.93E-03	2.20E-03	3.27E-03	1.40E-06	1.59E-03	3.80E-05	9.32E-06	0.00E+00
South Carolina	Lancaster County	45057	R	Propylene Dichloride	3.51E-07	1.17E-06	1.82E-06	2.14E-06	3.33E-06	4.60E-06	5.97E-06	8.07E-06	6.12E-08	3.27E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Quinoline	6.98E-09	9.09E-08	1.28E-07	1.58E-07	1.52E-07	1.74E-07	2.23E-07	2.89E-07	0.00E+00	1.52E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	1,1,2,2-Tetrachloroethane	2.65E-07	2.86E-07	4.81E-07	1.49E-06	1.10E-05	2.27E-05	2.40E-05	2.50E-05	2.54E-07	1.07E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lancaster County	45057	R	Trichloroethylene	8.29E-02	8.30E-02	8.46E-02	8.83E-02	9.00E-02	9.24E-02	9.51E-02	1.18E-01	1.17E-03	7.88E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Lancaster County	45057	R	Vinyl Chloride	2.18E-06	3.29E-05	6.04E-05	1.00E-04	9.42E-05	1.13E-04	1.29E-04	2.36E-04	7.48E-08	9.41E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Acetaldehyde	1.03E-01	1.07E-01	1.12E-01	2.14E-01	1.96E-01	2.19E-01	3.06E-01	3.60E-01	3.73E-03	1.60E-02	1.68E-01	8.47E-03	0.00E+00
South Carolina	Laurens County	45059	R	Acrolein	2.84E-02	2.94E-02	3.42E-02	3.82E-02	3.92E-02	4.59E-02	4.93E-02	5.12E-02	3.00E-05	1.75E-02	1.97E-02	1.90E-03	0.00E+00
South Carolina	Laurens County	45059	R	Acrylonitrile	6.24E-05	8.13E-05	1.22E-04	9.26E-04	1.59E-03	1.92E-03	4.90E-03	7.67E-03	1.47E-03	1.16E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Arsenic Compounds	1.47E-05	1.48E-05	2.35E-05	3.49E-05	3.43E-05	4.63E-05	5.16E-05	5.27E-05	4.59E-06	5.69E-06	2.17E-05	2.28E-06	0.00E+00
South Carolina	Laurens County	45059	R	Benzene	6.57E-01	6.66E-01	7.12E-01	8.07E-01	8.14E-01	8.74E-01	9.95E-01	9.99E-01	1.36E-04	9.64E-02	2.17E-01	2.10E-02	4.80E-01
South Carolina	Laurens County	45059	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Beryllium Compounds	9.34E-07	1.03E-06	1.23E-06	2.15E-06	2.34E-06	2.85E-06	4.45E-06	4.63E-06	5.11E-07	1.12E-06	0.00E+00	7.08E-07	0.00E+00
South Carolina	Laurens County	45059	R	1,3-Butadiene	7.77E-03	7.83E-03	8.15E-03	1.50E-02	1.82E-02	2.82E-02	3.34E-02	3.68E-02	7.25E-07	4.20E-03	1.26E-02	1.37E-03	0.00E+00
South Carolina	Laurens County	45059	R	Cadmium Compounds	1.57E-06	1.82E-06	2.08E-06	3.21E-06	3.63E-06	5.04E-06	6.23E-06	6.71E-06	9.15E-07	2.01E-06	0.00E+00	7.06E-07	0.00E+00
South Carolina	Laurens County	45059	R	Carbon Disulfide	4.76E-02	4.76E-02	4.77E-02	4.78E-02	4.79E-02	4.82E-02	4.83E-02	4.83E-02	4.29E-05	8.59E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Laurens County	45059	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.64E-08	7.82E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Laurens County	45059	R	Chloroform	8.67E-02	8.71E-02	8.76E-02	8.85E-02	8.95E-02	8.96E-02	9.45E-02	9.53E-02	6.63E-07	6.45E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Laurens County	45059	R	Chromium Compounds (includes Hexavalent)	1.16E-05	1.20E-05	2.47E-05	3.27E-05	4.37E-05	5.84E-05	9.42E-05	1.19E-04	3.56E-06	2.54E-05	1.43E-05	4.07E-07	0.00E+00
South Carolina	Laurens County	45059	R	Chromium VI	4.73E-06	4.79E-06	8.44E-06	1.21E-05	1.27E-05	1.48E-05	2.26E-05	2.81E-05	1.36E-06	5.46E-06	5.73E-06	1.38E-07	0.00E+00
South Carolina	Laurens County	45059	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Laurens County	45059	R	1,4-Dichlorobenzene	3.26E-03	3.71E-03	4.60E-03	6.89E-03	8.18E-03	8.83E-03	1.67E-02	1.76E-02	3.41E-06	8.18E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	1,3-Dichloropropene	6.29E-03	7.20E-03	8.90E-03	1.35E-02	1.61E-02	1.69E-02	3.35E-02	3.53E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.59E-08	1.93E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Laurens County	45059	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.63E-06	1.39E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Laurens County	45059	R	Ethylene Oxide	9.20E-05	1.06E-04	1.53E-04	4.04E-04	3.97E-04	6.31E-04	7.11E-04	7.83E-04	1.40E-04	2.57E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Formaldehyde	3.81E-01	3.86E-01	4.02E-01	4.75E-01	4.63E-01	5.19E-01	5.39E-01	5.40E-01	1.03E-03	7.06E-02	1.24E-01	1.71E-02	2.50E-01
South Carolina	Laurens County	45059	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.36E-05	9.36E-05	9.44E-05	9.47E-05	0.00E+00	5.98E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Laurens County	45059	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	4.24E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Laurens County	45059	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	3.88E-06	5.28E-06	8.66E-06	1.42E-05	1.66E-05	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Hydrazine	2.32E-09	2.65E-09	3.24E-09	6.39E-09	7.20E-09	7.14E-09	1.66E-08	2.16E-08	0.00E+00	7.20E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Lead Compounds	6.56E-05	7.58E-05	9.07E-05	1.20E-04	1.42E-04	1.72E-04	2.52E-04	3.07E-04	1.26E-05	2.94E-05	0.00E+00	9.95E-05	0.00E+00
South Carolina	Laurens County	45059	R	Manganese Compounds	2.17E-05	3.82E-05	6.89E-05	9.08E-05	9.31E-05	1.30E-04	1.39E-04	1.46E-04	5.62E-06	8.27E-05	4.50E-06	2.80E-07	0.00E+00
South Carolina	Laurens County	45059	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.04E-06	3.14E-06	2.46E-05	2.66E-06	1.50E-03
South Carolina	Laurens County	45059	R	Methylene Chloride	1.66E-01	1.66E-01	1.73E-01	1.87E-01	1.93E-01	2.01E-01	2.39E-01	2.50E-01	1.52E-04	4.28E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Laurens County	45059	R	Nickel Compounds	2.08E-05	2.51E-05	3.18E-05	4.64E-05	5.52E-05	5.94E-05	1.17E-04	1.45E-04	3.07E-06	4.08E-05	1.08E-05	5.23E-07	0.00E+00
South Carolina	Laurens County	45059	R	Perchloroethylene	1.44E-01	1.45E-01	1.50E-01	1.53E-01	1.55E-01	1.59E-01	1.67E-01	1.72E-01	6.49E-05	1.47E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Laurens County	45059	R	Polychlorinated Biphenyls	4.05E-04	4.08E-04	4.15E-04	4.22E-04	4.51E-04	4.56E-04	5.52E-04	5.81E-04	0.00E+00	7.08E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Laurens County	45059	R	Polycyclic Organic Matter	1.08E-02	1.23E-02	1.69E-02	1.80E-02	2.07E-02	2.39E-02	3.41E-02	3.56E-02	3.94E-05	1.53E-02	4.96E-03	4.09E-04	0.00E+00
South Carolina	Laurens County	45059	R	7-PAH	9.19E-04	9.75E-04	1.13E-03	1.22E-03	1.39E-03	1.42E-03	2.22E-03	2.32E-03	3.63E-09	1.35E-03	3.61E-05	5.04E-06	0.00E+00
South Carolina	Laurens County	45059	R	Propylene Dichloride	4.24E-06	5.01E-06	6.52E-06	7.08E-06	9.00E-06	1.19E-05	1.63E-05	1.91E-05	2.19E-06	6.81E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Quinoline	1.04E-07	1.17E-07	1.46E-07	1.53E-07	1.75E-07	1.71E-07	2.84E-07	3.32E-07	0.00E+00	1.75E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	1,1,2,2-Tetrachloroethane	8.36E-06	1.79E-05	3.04E-05	4.88E-05	6.11E-05	9.27E-05	1.27E-04	1.59E-04	2.01E-05	4.10E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Laurens County	45059	R	Trichloroethylene	8.22E-02	8.24E-02	8.29E-02	8.67E-02	8.65E-02	8.82E-02	9.23E-02	9.40E-02	1.62E-03	3.85E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Laurens County	45059	R	Vinyl Chloride	2.88E-05	5.04E-05	8.21E-05	1.24E-04	2.87E-04	5.57E-04	8.13E-04	1.05E-03	4.98E-05	2.37E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Acetaldehyde	1.39E-01	1.39E-01	1.80E-01	2.07E-01	2.38E-01	2.86E-01	4.40E-01	4.40E-01	3.23E-02	7.85E-03	1.80E-01	1.80E-02	0.00E+00
South Carolina	Lee County	45061	R	Acrolein	2.89E-02	2.89E-02	3.02E-02	3.19E-02	3.30E-02	3.59E-02	4.00E-02	4.00E-02	1.74E-04	1.35E-02	1.76E-02	1.63E-03	0.00E+00
South Carolina	Lee County	45061	R	Acrylonitrile	3.75E-05	3.75E-05	1.31E-04	1.67E-04	1.81E-04	2.95E-04	2.99E-04	2.99E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Arsenic Compounds	2.92E-05	2.92E-05	3.09E-05	4.31E-05	4.41E-05	4.93E-05	6.75E-05	6.75E-05	1.40E-05	7.87E-06	1.83E-05	3.91E-06	0.00E+00
South Carolina	Lee County	45061	R	Benzene	6.59E-01	6.59E-01	6.67E-01	7.12E-01	7.34E-01	7.90E-01	9.13E-01	9.13E-01	9.51E-04	5.76E-02	1.80E-01	1.51E-02	4.80E-01
South Carolina	Lee County	45061	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Beryllium Compounds	8.74E-07	8.74E-07	1.02E-06	1.26E-06	1.21E-06	1.33E-06	1.52E-06	1.52E-06	6.13E-07	5.73E-07	0.00E+00	2.39E-08	0.00E+00
South Carolina	Lee County	45061	R	1,3-Butadiene	5.16E-03	5.16E-03	5.66E-03	1.03E-02	1.25E-02	1.64E-02	3.28E-02	3.28E-02	0.00E+00	2.52E-03	9.24E-03	7.39E-04	0.00E+00
South Carolina	Lee County	45061	R	Cadmium Compounds	3.12E-06	3.12E-06	3.97E-06	4.50E-06	4.45E-06	5.16E-06	5.55E-06	5.55E-06	2.58E-06	1.85E-06	0.00E+00	2.37E-08	0.00E+00
South Carolina	Lee County	45061	R	Carbon Disulfide	4.79E-02	4.79E-02	4.83E-02	4.84E-02	4.88E-02	4.95E-02	5.03E-02	5.03E-02	1.36E-03	4.47E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Lee County	45061	R	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	8.84E-01	8.84E-01	1.93E-03	3.00E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Lee County	45061	R	Chloroform	8.82E-02	8.82E-02	8.98E-02	9.11E-02	9.45E-02	9.84E-02	1.05E-01	1.05E-01	9.12E-03	2.36E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Lee County	45061	R	Chromium Compounds (includes Hexavalent)	6.08E-05	6.08E-05	9.18E-05	1.12E-04	1.13E-04	1.36E-04	1.65E-04	1.65E-04	2.99E-05	7.08E-05	1.20E-05	1.72E-07	0.00E+00
South Carolina	Lee County	45061	R	Chromium VI	2.23E-05	2.23E-05	3.20E-05	4.10E-05	4.00E-05	4.79E-05	5.76E-05	5.76E-05	1.22E-05	2.30E-05	4.79E-06	5.85E-08	0.00E+00
South Carolina	Lee County	45061	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	1,4-Dichlorobenzene	4.95E-03	4.95E-03	4.96E-03	5.21E-03	1.07E-02	5.84E-03	4.37E-02	4.37E-02	2.45E-07	1.07E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	1,3-Dichloropropene	9.45E-03	9.45E-03	9.46E-03	9.81E-03	2.13E-02	1.13E-02	8.90E-02	8.90E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.10E-08	1.85E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Lee County	45061	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.14E-02	6.15E-02	6.15E-02	1.75E-04	6.66E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Lee County	45061	R	Ethylene Oxide	5.22E-05	5.22E-05	6.90E-05	7.49E-05	8.09E-05	1.03E-04	1.16E-04	1.16E-04	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Formaldehyde	4.02E-01	4.02E-01	4.09E-01	4.45E-01	4.61E-01	4.88E-01	6.26E-01	6.26E-01	5.96E-03	6.16E-02	1.15E-01	2.85E-02	2.50E-01
South Carolina	Lee County	45061	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	3.68E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Lee County	45061	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.10E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Lee County	45061	R	Hexamethylene Diisocyanate	6.39E-08	6.39E-08	9.80E-08	1.08E-07	1.21E-07	1.69E-07	1.75E-07	1.75E-07	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Hydrazine	1.12E-09	1.12E-09	1.36E-09	2.28E-09	2.61E-09	4.14E-09	4.67E-09	4.67E-09	0.00E+00	2.61E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Lead Compounds	3.01E-04	3.01E-04	3.03E-04	3.41E-04	3.76E-04	4.91E-04	5.44E-04	5.44E-04	2.71E-05	1.53E-04	0.00E+00	1.96E-04	0.00E+00
South Carolina	Lee County	45061	R	Manganese Compounds	4.95E-04	4.95E-04	4.99E-04	5.43E-04	6.02E-04	7.23E-04	7.60E-04	7.60E-04	3.40E-04	2.58E-04	3.74E-06	3.24E-07	0.00E+00
South Carolina	Lee County	45061	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.56E-03	1.56E-03	1.70E-06	2.62E-06	2.10E-05	3.32E-06	1.50E-03
South Carolina	Lee County	45061	R	Methylene Chloride	1.67E-01	1.67E-01	1.69E-01	1.71E-01	1.76E-01	1.82E-01	2.01E-01	2.01E-01	1.87E-04	2.57E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Lee County	45061	R	Nickel Compounds	3.41E-05	3.41E-05	4.01E-05	7.03E-05	6.38E-05	8.31E-05	9.29E-05	9.29E-05	3.30E-05	2.13E-05	8.97E-06	4.80E-07	0.00E+00
South Carolina	Lee County	45061	R	Perchloroethylene	1.54E-01	1.54E-01	1.56E-01	1.56E-01	1.59E-01	1.61E-01	1.73E-01	1.73E-01	3.16E-04	1.89E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Lee County	45061	R	Polychlorinated Biphenyls	4.04E-04	4.04E-04	4.06E-04	4.14E-04	4.19E-04	4.40E-04	4.40E-04	4.40E-04	0.00E+00	3.91E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Lee County	45061	R	Polycyclic Organic Matter	1.42E-02	1.42E-02	1.52E-02	1.63E-02	2.00E-02	1.88E-02	4.19E-02	4.19E-02	3.54E-03	1.20E-02	4.16E-03	3.08E-04	0.00E+00
South Carolina	Lee County	45061	R	7-PAH	6.89E-04	6.89E-04	7.80E-04	9.18E-04	8.68E-04	9.32E-04	9.75E-04	9.75E-04	1.29E-07	8.34E-04	3.04E-05	3.27E-06	0.00E+00
South Carolina	Lee County	45061	R	Propylene Dichloride	3.49E-06	3.49E-06	8.72E-06	1.05E-05	1.15E-05	1.84E-05	1.85E-05	1.85E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Quinoline	4.61E-08	4.61E-08	6.76E-08	8.87E-08	1.02E-07	1.37E-07	1.87E-07	1.87E-07	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	1,1,2,2-Tetrachloroethane	1.42E-05	1.42E-05	6.76E-05	8.91E-05	9.51E-05	1.58E-04	1.58E-04	1.58E-04	0.00E+00	9.51E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lee County	45061	R	Trichloroethylene	8.26E-02	8.26E-02	8.28E-02	8.34E-02	8.34E-02	8.41E-02	8.41E-02	8.41E-02	3.27E-04	2.10E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Lee County	45061	R	Vinyl Chloride	4.09E-05	4.09E-05	1.71E-04	2.22E-04	2.37E-04	3.93E-04	3.93E-04	3.93E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Acetaldehyde	2.39E-01	2.87E-01	3.84E-01	6.15E-01	6.71E-01	7.65E-01	1.27E+00	1.69E+00	1.17E-01	9.70E-03	4.90E-01	5.44E-02	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Lexington County	45063	U	Acrolein	4.15E-02	4.30E-02	5.58E-02	6.88E-02	7.65E-02	1.01E-01	1.08E-01	1.10E-01	1.25E-04	1.96E-02	4.73E-02	9.44E-03	0.00E+00
South Carolina	Lexington County	45063	U	Acrylonitrile	6.77E-05	1.04E-04	1.59E-04	3.07E-04	3.84E-04	3.83E-04	5.85E-04	6.32E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Arsenic Compounds	2.47E-04	2.53E-04	2.83E-04	3.70E-04	4.13E-04	4.56E-04	5.97E-04	8.14E-04	3.32E-04	2.68E-05	4.57E-05	8.10E-06	0.00E+00
South Carolina	Lexington County	45063	U	Benzene	8.08E-01	8.33E-01	9.48E-01	1.16E+00	1.27E+00	1.51E+00	1.90E+00	1.97E+00	2.24E-04	1.20E-01	5.71E-01	1.02E-01	4.80E-01
South Carolina	Lexington County	45063	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Beryllium Compounds	2.20E-06	2.44E-06	3.22E-06	4.56E-06	6.01E-06	9.74E-06	1.10E-05	1.18E-05	1.90E-06	3.53E-06	0.00E+00	5.85E-07	0.00E+00
South Carolina	Lexington County	45063	U	1,3-Butadiene	1.09E-02	1.23E-02	1.79E-02	3.88E-02	4.77E-02	5.72E-02	1.07E-01	1.26E-01	0.00E+00	2.88E-03	3.64E-02	8.34E-03	0.00E+00
South Carolina	Lexington County	45063	U	Cadmium Compounds	4.44E-06	4.65E-06	6.90E-06	8.96E-06	1.17E-05	1.70E-05	2.11E-05	2.22E-05	3.03E-06	8.09E-06	0.00E+00	5.83E-07	0.00E+00
South Carolina	Lexington County	45063	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.81E-02	4.81E-02	4.85E-02	4.89E-02	4.95E-02	7.18E-04	3.47E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Lexington County	45063	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	1.02E-03	1.19E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Lexington County	45063	U	Chloroform	8.83E-02	8.91E-02	9.49E-02	1.09E-01	1.06E-01	1.16E-01	1.20E-01	1.22E-01	5.23E-03	1.74E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Lexington County	45063	U	Chromium Compounds (includes Hexavalent)	4.42E-05	4.67E-05	6.26E-05	1.10E-04	1.43E-04	1.60E-04	2.27E-04	4.73E-04	1.28E-05	9.20E-05	3.65E-05	1.41E-06	0.00E+00
South Carolina	Lexington County	45063	U	Chromium VI	1.23E-05	1.49E-05	1.88E-05	3.29E-05	4.45E-05	6.24E-05	8.66E-05	9.97E-05	4.10E-06	2.54E-05	1.45E-05	4.79E-07	0.00E+00
South Carolina	Lexington County	45063	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	1,4-Dichlorobenzene	7.67E-03	8.54E-03	1.25E-02	2.46E-02	2.42E-02	3.37E-02	3.85E-02	4.14E-02	2.35E-06	2.42E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	1,3-Dichloropropene	1.48E-02	1.66E-02	2.46E-02	4.92E-02	4.84E-02	6.78E-02	7.72E-02	8.32E-02	0.00E+00	4.84E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.80E-08	5.15E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Lexington County	45063	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	9.31E-05	5.48E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Lexington County	45063	U	Ethylene Oxide	1.05E-04	1.27E-04	1.80E-04	3.87E-04	6.91E-04	1.03E-03	1.49E-03	1.94E-03	0.00E+00	6.91E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Formaldehyde	4.55E-01	4.77E-01	5.39E-01	6.42E-01	7.09E-01	8.09E-01	1.07E+00	1.17E+00	3.25E-03	7.15E-02	3.01E-01	8.35E-02	2.50E-01
South Carolina	Lexington County	45063	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.34E-05	9.39E-05	9.38E-05	9.41E-05	9.44E-05	9.45E-05	0.00E+00	8.30E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Lexington County	45063	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	5.59E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Lexington County	45063	U	Hexamethylene Diisocyanate	1.78E-06	3.49E-06	4.89E-06	9.90E-06	1.14E-05	1.51E-05	2.28E-05	2.90E-05	4.04E-06	7.40E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Hydrazine	8.10E-12	8.26E-12	9.58E-12	1.18E-11	7.90E-11	4.42E-11	2.41E-10	5.01E-10	0.00E+00	7.90E-11	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Lead Compounds	2.46E-04	2.76E-04	4.01E-04	7.75E-04	1.24E-03	1.63E-03	3.15E-03	3.66E-03	2.42E-05	1.21E-04	0.00E+00	1.09E-03	0.00E+00
South Carolina	Lexington County	45063	U	Manganese Compounds	1.34E-04	1.45E-04	1.60E-04	2.60E-04	2.49E-04	3.20E-04	3.58E-04	3.67E-04	9.45E-05	1.42E-04	1.17E-05	9.52E-07	0.00E+00
South Carolina	Lexington County	45063	U	Mercury Compounds	1.53E-03	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.59E-03	1.62E-03	1.65E-03	8.74E-06	1.22E-05	4.65E-05	6.84E-06	1.50E-03
South Carolina	Lexington County	45063	U	Methylene Chloride	1.85E-01	1.87E-01	2.09E-01	2.52E-01	2.82E-01	3.43E-01	4.28E-01	4.73E-01	9.66E-03	1.22E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Lexington County	45063	U	Nickel Compounds	3.20E-05	3.82E-05	4.88E-05	7.00E-05	8.83E-05	1.20E-04	1.47E-04	1.88E-04	1.60E-05	4.34E-05	2.72E-05	1.69E-06	0.00E+00
South Carolina	Lexington County	45063	U	Perchloroethylene	1.52E-01	1.52E-01	1.59E-01	1.83E-01	1.92E-01	2.17E-01	2.38E-01	2.55E-01	4.53E-04	5.13E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Lexington County	45063	U	Polychlorinated Biphenyls	4.09E-04	4.10E-04	4.25E-04	4.88E-04	4.81E-04	5.16E-04	5.48E-04	5.67E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	3.80E-04
South Carolina	Lexington County	45063	U	Polycyclic Organic Matter	2.03E-02	2.13E-02	2.81E-02	4.00E-02	4.20E-02	5.62E-02	6.08E-02	6.94E-02	2.27E-04	2.68E-02	1.26E-02	2.45E-03	0.00E+00
South Carolina	Lexington County	45063	U	7-PAH	1.08E-03	1.15E-03	1.25E-03	1.55E-03	1.53E-03	1.70E-03	1.93E-03	2.09E-03	2.32E-08	1.42E-03	8.27E-05	2.56E-05	0.00E+00
South Carolina	Lexington County	45063	U	Propylene Dichloride	1.56E-06	2.18E-06	3.66E-06	5.51E-06	6.10E-06	7.79E-06	1.17E-05	1.19E-05	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Quinoline	4.01E-10	4.33E-10	5.12E-10	5.99E-10	4.04E-09	1.82E-09	1.13E-08	2.43E-08	0.00E+00	4.04E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	1,1,2,2-Tetrachloroethane	1.47E-05	1.64E-05	2.89E-05	4.92E-05	5.04E-05	6.26E-05	8.34E-05	1.04E-04	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Lexington County	45063	U	Trichloroethylene	8.48E-02	8.52E-02	8.72E-02	9.49E-02	9.77E-02	1.07E-01	1.19E-01	1.20E-01	2.61E-04	1.65E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Lexington County	45063	U	Vinyl Chloride	2.25E-05	3.68E-05	6.15E-05	1.12E-04	1.17E-04	1.50E-04	2.02E-04	2.53E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Acetaldehyde	7.39E-02	7.39E-02	7.39E-02	7.44E-02	9.89E-02	1.48E-01	1.48E-01	1.48E-01	5.25E-04	1.72E-02	6.96E-02	1.16E-02	0.00E+00
South Carolina	McCormick County	45065	R	Acrolein	3.16E-02	3.16E-02	3.16E-02	3.33E-02	3.57E-02	4.23E-02	4.23E-02	4.23E-02	1.33E-05	2.21E-02	1.04E-02	3.25E-03	0.00E+00
South Carolina	McCormick County	45065	R	Acrylonitrile	6.63E-05	6.63E-05	6.63E-05	8.79E-05	8.85E-05	1.11E-04	1.11E-04	1.11E-04	0.00E+00	8.85E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Arsenic Compounds	7.98E-06	7.98E-06	7.98E-06	8.60E-06	1.92E-05	4.10E-05	4.10E-05	4.10E-05	9.06E-06	1.96E-06	6.71E-06	1.47E-06	0.00E+00
South Carolina	McCormick County	45065	R	Benzene	6.38E-01	6.38E-01	6.38E-01	6.41E-01	6.74E-01	7.44E-01	7.44E-01	7.44E-01	3.20E-03	6.47E-02	8.18E-02	4.47E-02	4.80E-01
South Carolina	McCormick County	45065	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Beryllium Compounds	4.94E-07	4.94E-07	4.94E-07	6.38E-07	1.16E-06	2.35E-06	2.35E-06	2.35E-06	4.51E-07	4.00E-07	0.00E+00	3.08E-07	0.00E+00
South Carolina	McCormick County	45065	R	1,3-Butadiene	6.47E-03	6.47E-03	6.47E-03	6.65E-03	7.35E-03	8.92E-03	8.92E-03	8.92E-03	0.00E+00	4.18E-03	1.69E-03	1.48E-03	0.00E+00
South Carolina	McCormick County	45065	R	Cadmium Compounds	1.00E-06	1.00E-06	1.00E-06	1.39E-06	3.25E-06	7.34E-06	7.34E-06	7.34E-06	1.88E-06	1.06E-06	0.00E+00	3.07E-07	0.00E+00
South Carolina	McCormick County	45065	R	Carbon Disulfide	4.79E-02	4.79E-02	4.79E-02	4.81E-02	4.81E-02	4.83E-02	4.83E-02	4.83E-02	1.46E-06	1.10E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	McCormick County	45065	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.04E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	McCormick County	45065	R	Chloroform	8.57E-02	8.57E-02	8.57E-02	8.64E-02	8.67E-02	8.80E-02	8.80E-02	8.80E-02	3.80E-07	3.70E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	McCormick County	45065	R	Chromium Compounds (includes Hexavalent)	6.74E-06	6.74E-06	6.74E-06	7.36E-06	1.43E-05	2.89E-05	2.89E-05	2.89E-05	5.21E-06	3.76E-06	4.92E-06	4.51E-07	0.00E+00
South Carolina	McCormick County	45065	R	Chromium VI	2.47E-06	2.47E-06	2.47E-06	2.54E-06	5.07E-06	1.02E-05	1.02E-05	1.02E-05	1.52E-06	1.45E-06	1.95E-06	1.53E-07	0.00E+00
South Carolina	McCormick County	45065	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	1,4-Dichlorobenzene	2.76E-03	2.76E-03	2.76E-03	3.37E-03	3.78E-03	5.20E-03	5.20E-03	5.20E-03	3.05E-08	3.78E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	1,3-Dichloropropene	5.15E-03	5.15E-03	5.15E-03	6.33E-03	6.97E-03	9.45E-03	9.45E-03	9.45E-03	0.00E+00	6.97E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.73E-09	2.68E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	McCormick County	45065	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.49E-07	1.46E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	McCormick County	45065	R	Ethylene Oxide	1.06E-04	1.06E-04	1.06E-04	1.24E-04	4.52E-04	1.13E-03	1.13E-03	1.13E-03	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Formaldehyde	3.79E-01	3.79E-01	3.79E-01	3.84E-01	4.00E-01	4.37E-01	4.37E-01	4.37E-01	1.19E-03	8.40E-02	4.88E-02	1.60E-02	2.50E-01
South Carolina	McCormick County	45065	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.11E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	McCormick County	45065	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.54E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	McCormick County	45065	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Hydrazine	2.95E-09	2.95E-09	2.95E-09	4.74E-09	5.09E-09	7.59E-09	7.59E-09	7.59E-09	0.00E+00	5.09E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Lead Compounds	7.74E-05	7.74E-05	7.74E-05	1.16E-04	1.54E-04	2.68E-04	2.68E-04	2.68E-04	5.38E-05	4.98E-05	0.00E+00	5.04E-05	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	McCormick County	45065	R	Manganese Compounds	5.30E-06	5.30E-06	5.30E-06	6.18E-06	1.17E-04	3.38E-04	3.38E-04	3.38E-04	1.06E-04	8.64E-06	1.44E-06	2.27E-07	0.00E+00
South Carolina	McCormick County	45065	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	3.62E-06	1.57E-06	7.28E-06	1.47E-06	1.50E-03
South Carolina	McCormick County	45065	R	Methylene Chloride	1.61E-01	1.61E-01	1.61E-01	1.65E-01	1.67E-01	1.76E-01	1.76E-01	1.76E-01	4.66E-06	1.71E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	McCormick County	45065	R	Nickel Compounds	3.05E-05	3.05E-05	3.05E-05	3.14E-05	3.89E-05	5.49E-05	5.49E-05	5.49E-05	6.90E-06	2.80E-05	3.67E-06	4.14E-07	0.00E+00
South Carolina	McCormick County	45065	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.46E-01	1.45E-01	1.46E-01	1.46E-01	1.46E-01	4.26E-07	5.09E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	McCormick County	45065	R	Polychlorinated Biphenyls	3.99E-04	3.99E-04	3.99E-04	4.02E-04	4.04E-04	4.13E-04	4.13E-04	4.13E-04	0.00E+00	2.44E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	McCormick County	45065	R	Polycyclic Organic Matter	9.50E-03	9.50E-03	9.50E-03	1.46E-02	1.53E-02	2.19E-02	2.19E-02	2.19E-02	4.61E-03	8.59E-03	1.80E-03	3.11E-04	0.00E+00
South Carolina	McCormick County	45065	R	7-PAH	1.08E-03	1.08E-03	1.08E-03	1.12E-03	1.12E-03	1.14E-03	1.14E-03	1.14E-03	5.45E-09	1.09E-03	1.19E-05	1.23E-05	0.00E+00
South Carolina	McCormick County	45065	R	Propylene Dichloride	6.70E-06	6.70E-06	6.70E-06	6.87E-06	7.09E-06	7.69E-06	7.69E-06	7.69E-06	0.00E+00	7.09E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Quinoline	1.88E-07	1.88E-07	1.88E-07	2.43E-07	2.58E-07	3.44E-07	3.44E-07	3.44E-07	0.00E+00	2.58E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	1,1,2,2-Tetrachloroethane	2.88E-05	2.88E-05	2.88E-05	3.67E-05	3.86E-05	5.02E-05	5.02E-05	5.02E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	McCormick County	45065	R	Trichloroethylene	8.21E-02	8.21E-02	8.21E-02	8.32E-02	8.34E-02	8.49E-02	8.49E-02	8.49E-02	0.00E+00	2.41E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	McCormick County	45065	R	Vinyl Chloride	8.08E-05	8.08E-05	8.08E-05	9.77E-05	1.01E-04	1.26E-04	1.26E-04	1.26E-04	9.73E-07	1.00E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Acetaldehyde	6.27E-02	6.27E-02	6.35E-02	9.48E-02	9.45E-02	1.21E-01	1.36E-01	1.36E-01	1.28E-02	1.00E-02	6.47E-02	6.99E-03	0.00E+00
South Carolina	Marion County	45067	R	Acrolein	1.90E-02	1.90E-02	1.99E-02	2.26E-02	2.30E-02	2.58E-02	2.81E-02	2.81E-02	1.92E-04	1.25E-02	9.03E-03	1.25E-03	0.00E+00
South Carolina	Marion County	45067	R	Acrylonitrile	1.88E-05	1.88E-05	2.24E-05	3.09E-05	3.79E-05	5.63E-05	6.52E-05	6.52E-05	5.78E-06	3.21E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Arsenic Compounds	1.27E-05	1.27E-05	1.74E-05	2.21E-05	4.41E-05	6.98E-05	1.21E-04	1.21E-04	3.13E-05	3.06E-06	7.70E-06	2.03E-06	0.00E+00
South Carolina	Marion County	45067	R	Benzene	5.80E-01	5.80E-01	6.09E-01	6.29E-01	6.30E-01	6.52E-01	6.80E-01	6.80E-01	2.24E-04	4.98E-02	8.65E-02	1.33E-02	4.80E-01
South Carolina	Marion County	45067	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Beryllium Compounds	7.19E-07	7.19E-07	1.06E-06	1.29E-06	4.47E-06	7.65E-06	1.50E-05	1.50E-05	3.49E-06	5.65E-07	0.00E+00	4.12E-07	0.00E+00
South Carolina	Marion County	45067	R	1,3-Butadiene	5.03E-03	5.03E-03	5.98E-03	6.46E-03	7.75E-03	1.05E-02	1.11E-02	1.11E-02	1.71E-08	3.09E-03	3.87E-03	7.86E-04	0.00E+00
South Carolina	Marion County	45067	R	Cadmium Compounds	2.15E-06	2.15E-06	2.82E-06	3.27E-06	4.95E-06	7.05E-06	1.12E-05	1.12E-05	3.33E-06	1.21E-06	0.00E+00	4.10E-07	0.00E+00
South Carolina	Marion County	45067	R	Carbon Disulfide	4.73E-02	4.73E-02	4.75E-02	4.81E-02	4.81E-02	4.87E-02	4.89E-02	4.89E-02	6.68E-04	4.27E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Marion County	45067	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	9.50E-04	4.45E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Marion County	45067	R	Chloroform	8.44E-02	8.44E-02	8.49E-02	9.01E-02	8.97E-02	9.39E-02	9.59E-02	9.59E-02	4.89E-03	1.85E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Marion County	45067	R	Chromium Compounds (includes Hexavalent)	1.08E-04	1.08E-04	2.84E-04	3.88E-04	9.94E-04	1.34E-03	3.83E-03	3.83E-03	2.31E-04	7.58E-04	5.38E-06	2.32E-07	0.00E+00
South Carolina	Marion County	45067	R	Chromium VI	3.56E-05	3.56E-05	9.90E-05	1.34E-04	4.64E-04	7.17E-04	1.78E-03	1.78E-03	2.04E-04	2.58E-04	2.14E-06	7.90E-08	0.00E+00
South Carolina	Marion County	45067	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	1,4-Dichlorobenzene	2.30E-03	2.30E-03	3.28E-03	4.99E-03	4.81E-03	6.28E-03	7.07E-03	7.07E-03	7.69E-07	4.81E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	1,3-Dichloropropene	4.42E-03	4.42E-03	6.30E-03	9.86E-03	9.43E-03	1.24E-02	1.40E-02	1.40E-02	0.00E+00	9.43E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.24E-09	8.28E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Marion County	45067	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	8.57E-05	4.90E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Marion County	45067	R	Ethylene Oxide	3.95E-05	3.95E-05	8.59E-05	1.34E-04	1.49E-04	1.73E-04	3.67E-04	3.67E-04	1.92E-07	1.49E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Formaldehyde	3.42E-01	3.42E-01	3.64E-01	3.87E-01	3.79E-01	3.93E-01	3.99E-01	3.99E-01	1.49E-02	5.35E-02	4.71E-02	1.32E-02	2.50E-01
South Carolina	Marion County	45067	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.82E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Marion County	45067	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	7.29E-10	2.34E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Marion County	45067	R	Hexamethylene Diisocyanate	5.70E-09	5.70E-09	2.44E-08	5.58E-08	2.31E-07	3.96E-07	8.92E-07	8.92E-07	1.33E-07	9.86E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Hydrazine	1.39E-09	1.39E-09	1.46E-09	2.12E-09	4.00E-09	3.05E-09	1.73E-08	1.73E-08	0.00E+00	4.00E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Lead Compounds	5.64E-05	5.64E-05	1.11E-04	1.66E-04	2.57E-04	3.48E-04	7.55E-04	7.55E-04	2.56E-05	1.55E-05	0.00E+00	2.16E-04	0.00E+00
South Carolina	Marion County	45067	R	Manganese Compounds	1.89E-04	1.89E-04	4.64E-04	6.08E-04	6.11E-04	8.08E-04	9.37E-04	9.37E-04	5.55E-04	5.34E-05	1.67E-06	2.12E-07	0.00E+00
South Carolina	Marion County	45067	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	2.39E-06	1.95E-06	8.45E-06	2.19E-06	1.50E-03
South Carolina	Marion County	45067	R	Methylene Chloride	1.62E-01	1.62E-01	1.76E-01	1.81E-01	1.87E-01	1.97E-01	2.23E-01	2.23E-01	1.47E-02	2.18E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Marion County	45067	R	Nickel Compounds	3.04E-05	3.04E-05	4.67E-05	1.06E-04	1.20E-04	1.94E-04	2.40E-04	2.40E-04	1.11E-04	5.40E-06	4.02E-06	3.72E-07	0.00E+00
South Carolina	Marion County	45067	R	Perchloroethylene	1.46E-01	1.46E-01	1.48E-01	1.50E-01	1.50E-01	1.51E-01	1.55E-01	1.55E-01	1.82E-04	9.58E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Marion County	45067	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	4.00E-04	4.13E-04	4.11E-04	4.22E-04	4.29E-04	4.29E-04	1.33E-07	3.12E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Marion County	45067	R	Polycyclic Organic Matter	8.28E-03	8.28E-03	8.63E-03	1.01E-02	1.08E-02	1.29E-02	1.49E-02	1.49E-02	1.40E-04	8.48E-03	1.92E-03	2.79E-04	0.00E+00
South Carolina	Marion County	45067	R	7-PAH	6.38E-04	6.38E-04	6.65E-04	7.12E-04	7.59E-04	8.44E-04	9.93E-04	9.93E-04	7.80E-08	7.43E-04	1.30E-05	3.23E-06	0.00E+00
South Carolina	Marion County	45067	R	Propylene Dichloride	1.58E-06	1.58E-06	1.78E-06	2.63E-06	2.61E-06	3.32E-06	3.81E-06	3.81E-06	3.42E-07	2.26E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Quinoline	2.71E-08	2.71E-08	5.54E-08	8.21E-08	8.33E-08	1.06E-07	1.52E-07	1.52E-07	0.00E+00	8.33E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	1,1,2,2-Tetrachloroethane	3.88E-06	3.88E-06	6.47E-06	9.95E-06	1.31E-05	2.08E-05	2.64E-05	2.64E-05	3.03E-06	1.01E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marion County	45067	R	Trichloroethylene	8.17E-02	8.17E-02	8.24E-02	8.36E-02	8.36E-02	8.47E-02	8.60E-02	8.60E-02	1.74E-04	2.47E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Marion County	45067	R	Vinyl Chloride	1.25E-05	1.25E-05	1.92E-05	2.81E-05	3.49E-05	5.26E-05	6.71E-05	6.71E-05	7.45E-06	2.75E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Acetaldehyde	1.21E-01	1.21E-01	1.59E-01	2.01E-01	2.17E-01	2.80E-01	3.33E-01	3.33E-01	1.04E-01	3.31E-02	6.99E-02	1.01E-02	0.00E+00
South Carolina	Marlboro County	45069	R	Acrolein	2.33E-02	2.33E-02	2.46E-02	2.57E-02	2.61E-02	2.77E-02	2.98E-02	2.98E-02	9.57E-04	1.28E-02	1.08E-02	1.41E-03	0.00E+00
South Carolina	Marlboro County	45069	R	Acrylonitrile	1.74E-04	1.74E-04	2.26E-04	3.36E-04	3.47E-04	3.83E-04	6.90E-04	6.90E-04	3.01E-04	4.59E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Arsenic Compounds	3.11E-05	3.11E-05	3.22E-05	3.32E-05	3.76E-05	4.64E-05	5.28E-05	5.28E-05	1.29E-05	1.37E-05	8.19E-06	2.79E-06	0.00E+00
South Carolina	Marlboro County	45069	R	Benzene	6.24E-01	6.24E-01	6.25E-01	6.48E-01	6.51E-01	6.66E-01	7.01E-01	7.01E-01	8.02E-04	5.97E-02	9.73E-02	1.32E-02	4.80E-01
South Carolina	Marlboro County	45069	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Beryllium Compounds	1.52E-06	1.52E-06	2.14E-06	2.31E-06	3.26E-06	5.07E-06	6.37E-06	6.37E-06	9.33E-07	2.00E-06	0.00E+00	3.26E-07	0.00E+00
South Carolina	Marlboro County	45069	R	1,3-Butadiene	4.81E-03	4.81E-03	5.36E-03	6.55E-03	6.90E-03	8.52E-03	1.03E-02	1.03E-02	2.88E-08	2.58E-03	3.68E-03	6.34E-04	0.00E+00
South Carolina	Marlboro County	45069	R	Cadmium Compounds	3.68E-06	3.68E-06	4.34E-06	4.93E-06	5.07E-06	5.60E-06	7.53E-06	7.53E-06	1.91E-06	2.84E-06	0.00E+00	3.24E-07	0.00E+00
South Carolina	Marlboro County	45069	R	Carbon Disulfide	4.73E-02	4.73E-02	4.74E-02	4.84E-02	4.82E-02	4.90E-02	4.94E-02	4.94E-02	7.61E-04	4.55E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Marlboro County	45069	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.82E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	1.08E-03	5.76E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Marlboro County	45069	R	Chloroform	8.48E-02	8.48E-02	8.59E-02	9.40E-02	9.11E-02	9.57E-02	9.63E-02	9.63E-02	5.06E-03	3.05E-03	0.00E+00	0.00E+00	8.30E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Marlboro County	45069	R	Chromium Compounds (includes Hexavalent)	9.18E-05	9.18E-05	1.80E-04	2.39E-04	4.26E-04	7.28E-04	1.25E-03	1.25E-03	5.99E-05	3.60E-04	5.90E-06	2.22E-07	0.00E+00
South Carolina	Marlboro County	45069	R	Chromium VI	4.19E-05	4.19E-05	8.68E-05	1.20E-04	2.95E-04	5.26E-04	1.03E-03	1.03E-03	5.16E-05	2.41E-04	2.37E-06	7.56E-08	0.00E+00
South Carolina	Marlboro County	45069	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	1,4-Dichlorobenzene	3.84E-03	3.84E-03	3.86E-03	5.24E-03	5.63E-03	6.60E-03	1.02E-02	1.02E-02	1.91E-07	5.63E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	1,3-Dichloropropene	7.20E-03	7.20E-03	7.34E-03	1.02E-02	1.09E-02	1.28E-02	2.02E-02	2.02E-02	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	8.55E-09	8.82E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Marlboro County	45069	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	9.78E-05	3.40E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Marlboro County	45069	R	Ethylene Oxide	7.46E-05	7.46E-05	1.17E-04	1.45E-04	1.40E-04	1.68E-04	1.97E-04	1.97E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Formaldehyde	5.47E-01	5.47E-01	5.76E-01	7.59E-01	1.01E+00	1.52E+00	2.07E+00	2.07E+00	6.13E-01	7.73E-02	5.24E-02	1.76E-02	2.50E-01
South Carolina	Marlboro County	45069	R	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.35E-05	9.38E-05	9.39E-05	9.39E-05	0.00E+00	4.81E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Marlboro County	45069	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.75E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Marlboro County	45069	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-08	8.26E-08	1.42E-07	1.42E-07	9.55E-10	3.16E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Hydrazine	8.36E-10	8.36E-10	1.06E-09	1.38E-09	1.78E-09	1.79E-09	4.37E-09	4.37E-09	0.00E+00	1.78E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Lead Compounds	2.29E-04	2.29E-04	2.30E-04	2.84E-04	3.08E-04	3.73E-04	4.74E-04	4.74E-04	7.75E-05	7.34E-05	0.00E+00	1.57E-04	0.00E+00
South Carolina	Marlboro County	45069	R	Manganese Compounds	3.91E-04	3.91E-04	5.26E-04	5.78E-04	7.71E-04	8.11E-04	1.74E-03	1.74E-03	3.71E-04	3.98E-04	1.76E-06	2.62E-07	0.00E+00
South Carolina	Marlboro County	45069	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.01E-06	3.15E-06	8.98E-06	2.81E-06	1.50E-03
South Carolina	Marlboro County	45069	R	Methylene Chloride	1.69E-01	1.69E-01	1.71E-01	1.79E-01	1.79E-01	1.85E-01	1.92E-01	1.92E-01	5.24E-03	2.37E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Marlboro County	45069	R	Nickel Compounds	4.84E-05	4.84E-05	5.43E-05	6.26E-05	7.87E-05	1.01E-04	1.31E-04	1.31E-04	3.48E-05	3.91E-05	4.35E-06	4.14E-07	0.00E+00
South Carolina	Marlboro County	45069	R	Perchloroethylene	1.48E-01	1.48E-01	1.49E-01	1.50E-01	1.53E-01	1.57E-01	1.64E-01	1.64E-01	1.74E-04	1.31E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Marlboro County	45069	R	Polychlorinated Biphenyls	4.05E-04	4.05E-04	4.07E-04	4.11E-04	4.21E-04	4.32E-04	4.71E-04	4.71E-04	0.00E+00	4.12E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Marlboro County	45069	R	Polycyclic Organic Matter	1.00E-02	1.00E-02	1.06E-02	1.22E-02	1.28E-02	1.45E-02	1.78E-02	1.78E-02	1.02E-03	9.32E-03	2.11E-03	3.01E-04	0.00E+00
South Carolina	Marlboro County	45069	R	7-PAH	6.97E-04	6.97E-04	7.15E-04	8.45E-04	8.46E-04	9.04E-04	1.11E-03	1.11E-03	7.72E-08	8.29E-04	1.40E-05	3.56E-06	0.00E+00
South Carolina	Marlboro County	45069	R	Propylene Dichloride	2.25E-06	2.25E-06	3.68E-06	5.20E-06	1.01E-05	8.49E-06	3.93E-05	3.93E-05	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Quinoline	3.64E-08	3.64E-08	5.11E-08	6.90E-08	8.15E-08	9.40E-08	1.81E-07	1.81E-07	0.00E+00	8.15E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	1,1,2,2-Tetrachloroethane	6.78E-06	6.78E-06	1.02E-05	1.21E-05	1.61E-05	2.12E-05	3.63E-05	3.63E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Marlboro County	45069	R	Trichloroethylene	8.43E-02	8.43E-02	8.60E-02	8.71E-02	8.70E-02	8.83E-02	8.83E-02	8.83E-02	1.42E-03	4.54E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Marlboro County	45069	R	Vinyl Chloride	1.88E-05	1.88E-05	2.90E-05	3.24E-05	4.50E-05	5.70E-05	1.04E-04	1.04E-04	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Acetaldehyde	6.92E-02	6.92E-02	7.01E-02	1.31E-01	1.76E-01	2.89E-01	3.40E-01	3.40E-01	8.18E-03	2.17E-02	1.33E-01	1.25E-02	0.00E+00
South Carolina	Newberry County	45071	R	Acrolein	2.21E-02	2.21E-02	2.41E-02	3.28E-02	3.25E-02	4.14E-02	4.57E-02	4.57E-02	1.03E-04	1.71E-02	1.33E-02	1.95E-03	0.00E+00
South Carolina	Newberry County	45071	R	Acrylonitrile	9.63E-06	9.63E-06	1.53E-05	2.51E-05	3.73E-05	5.47E-05	8.35E-05	8.35E-05	2.79E-06	3.45E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Arsenic Compounds	1.01E-05	1.01E-05	1.40E-05	2.10E-05	3.14E-05	6.00E-05	6.38E-05	6.38E-05	3.13E-06	7.14E-06	1.81E-05	3.01E-06	0.00E+00
South Carolina	Newberry County	45071	R	Benzene	5.96E-01	5.96E-01	6.18E-01	6.70E-01	7.52E-01	9.86E-01	1.02E+00	1.02E+00	6.81E-05	7.58E-02	1.72E-01	2.41E-02	4.80E-01
South Carolina	Newberry County	45071	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Beryllium Compounds	6.94E-07	6.94E-07	8.07E-07	1.25E-06	1.72E-06	3.11E-06	3.47E-06	3.47E-06	2.20E-07	9.61E-07	0.00E+00	5.40E-07	0.00E+00
South Carolina	Newberry County	45071	R	1,3-Butadiene	5.56E-03	5.56E-03	6.14E-03	9.32E-03	1.83E-02	4.11E-02	4.53E-02	4.53E-02	0.00E+00	4.33E-03	1.24E-02	1.52E-03	0.00E+00
South Carolina	Newberry County	45071	R	Cadmium Compounds	1.18E-06	1.18E-06	1.21E-06	2.70E-06	3.23E-06	5.08E-06	5.77E-06	5.77E-06	3.94E-07	2.30E-06	0.00E+00	5.38E-07	0.00E+00
South Carolina	Newberry County	45071	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.74E-02	4.75E-02	4.80E-02	4.80E-02	9.20E-07	3.72E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Newberry County	45071	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.52E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Newberry County	45071	R	Chloroform	8.47E-02	8.47E-02	8.47E-02	8.49E-02	8.59E-02	8.78E-02	8.87E-02	8.87E-02	2.22E-07	2.86E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Newberry County	45071	R	Chromium Compounds (includes Hexavalent)	9.10E-06	9.10E-06	9.62E-06	1.76E-05	2.38E-05	3.79E-05	4.08E-05	4.08E-05	1.65E-06	1.01E-05	1.16E-05	3.99E-07	0.00E+00
South Carolina	Newberry County	45071	R	Chromium VI	3.70E-06	3.70E-06	4.08E-06	8.00E-06	9.89E-06	1.57E-05	1.72E-05	1.72E-05	4.68E-07	4.61E-06	4.68E-06	1.36E-07	0.00E+00
South Carolina	Newberry County	45071	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	1,4-Dichlorobenzene	1.93E-03	1.93E-03	2.42E-03	3.63E-03	6.24E-03	1.39E-02	1.46E-02	1.46E-02	1.44E-07	6.24E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	1,3-Dichloropropene	3.68E-03	3.68E-03	4.65E-03	6.96E-03	1.24E-02	2.80E-02	2.95E-02	2.95E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.52E-09	5.55E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Newberry County	45071	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.55E-07	4.20E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Newberry County	45071	R	Ethylene Oxide	3.28E-05	3.28E-05	3.38E-05	5.82E-04	6.00E-04	7.57E-04	2.02E-03	2.02E-03	5.02E-04	9.82E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Formaldehyde	3.52E-01	3.52E-01	3.56E-01	4.08E-01	4.43E-01	5.53E-01	5.99E-01	5.99E-01	2.91E-03	7.18E-02	9.70E-02	2.17E-02	2.50E-01
South Carolina	Newberry County	45071	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.40E-05	9.41E-05	9.41E-05	0.00E+00	4.20E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Newberry County	45071	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.16E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Newberry County	45071	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.23E-07	5.99E-07	5.99E-07	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Hydrazine	1.64E-10	1.64E-10	6.91E-10	3.39E-09	2.95E-09	4.99E-09	7.08E-09	7.08E-09	0.00E+00	2.95E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Lead Compounds	4.87E-05	4.87E-05	6.70E-05	1.61E-04	3.35E-04	3.01E-04	1.44E-03	1.44E-03	2.99E-06	3.33E-05	0.00E+00	2.99E-04	0.00E+00
South Carolina	Newberry County	45071	R	Manganese Compounds	7.74E-05	7.74E-05	2.09E-04	3.78E-04	4.16E-04	5.50E-04	1.04E-03	1.04E-03	4.52E-06	4.07E-04	3.69E-06	3.27E-07	0.00E+00
South Carolina	Newberry County	45071	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.55E-03	1.56E-03	1.56E-03	4.89E-07	2.23E-06	2.06E-05	3.06E-06	1.50E-03
South Carolina	Newberry County	45071	R	Methylene Chloride	1.58E-01	1.58E-01	1.61E-01	1.68E-01	1.73E-01	1.91E-01	1.97E-01	1.97E-01	1.63E-03	2.14E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Newberry County	45071	R	Nickel Compounds	1.15E-05	1.15E-05	2.61E-05	3.37E-05	3.34E-05	4.34E-05	4.56E-05	4.56E-05	1.97E-06	2.21E-05	8.75E-06	5.80E-07	0.00E+00
South Carolina	Newberry County	45071	R	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.45E-01	1.47E-01	1.52E-01	1.55E-01	1.55E-01	2.44E-07	7.26E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Newberry County	45071	R	Polychlorinated Biphenyls	3.94E-04	3.94E-04	3.98E-04	4.01E-04	4.29E-04	5.04E-04	5.07E-04	5.07E-04	0.00E+00	4.94E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Newberry County	45071	R	Polycyclic Organic Matter	6.86E-03	6.86E-03	8.65E-03	1.24E-02	1.56E-02	2.77E-02	3.07E-02	3.07E-02	5.44E-06	1.12E-02	4.02E-03	4.22E-04	0.00E+00
South Carolina	Newberry County	45071	R	7-PAH	7.22E-04	7.22E-04	8.18E-04	1.02E-03	1.16E-03	1.67E-03	1.92E-03	1.92E-03	3.24E-09	1.12E-03	2.94E-05	7.14E-06	0.00E+00
South Carolina	Newberry County	45071	R	Propylene Dichloride	1.58E-07	1.58E-07	8.32E-07	1.70E-06	1.92E-06	2.93E-06	4.06E-06	4.06E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	Quinoline	8.50E-09	8.50E-09	1.06E-08	5.29E-08	5.45E-08	8.70E-08	1.21E-07	1.21E-07	0.00E+00	5.45E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Newberry County	45071	R	1,1,2,2-Tetrachloroethane	1.48E-07	1.48E-07	2.37E-06	5.71E-06	8.40E-06	1.25E-05	2.28E-05	2.28E-05	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Newberry County	45071	R	Trichloroethylene	8.17E-02	8.17E-02	8.19E-02	8.28E-02	8.34E-02	8.57E-02	8.65E-02	8.65E-02	0.00E+00	2.44E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Newberry County	45071	R	Vinyl Chloride	3.27E-07	3.27E-07	8.04E-06	1.42E-05	2.21E-05	3.31E-05	5.70E-05	5.70E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Acetaldehyde	7.95E-02	9.24E-02	1.14E-01	1.34E-01	1.51E-01	1.62E-01	2.21E-01	3.43E-01	6.59E-04	1.60E-02	1.19E-01	1.55E-02	0.00E+00
South Carolina	Oconee County	45073	R	Acrolein	2.83E-02	3.01E-02	3.60E-02	4.06E-02	4.20E-02	4.98E-02	5.17E-02	5.72E-02	1.76E-06	1.86E-02	1.90E-02	4.30E-03	0.00E+00
South Carolina	Oconee County	45073	R	Acrylonitrile	5.85E-05	9.77E-05	1.02E-04	2.69E-04	1.78E-03	4.15E-03	4.82E-03	5.49E-03	1.67E-03	1.11E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Arsenic Compounds	1.43E-05	1.93E-05	2.47E-05	3.41E-05	4.36E-05	6.86E-05	7.29E-05	9.48E-05	2.83E-06	2.18E-05	1.61E-05	2.98E-06	0.00E+00
South Carolina	Oconee County	45073	R	Benzene	6.53E-01	7.01E-01	7.46E-01	8.15E-01	8.37E-01	9.01E-01	9.88E-01	1.15E+00	1.10E-05	1.21E-01	1.76E-01	6.03E-02	4.80E-01
South Carolina	Oconee County	45073	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Beryllium Compounds	4.65E-07	8.05E-07	1.01E-06	1.74E-06	2.03E-06	2.58E-06	3.21E-06	5.77E-06	1.53E-07	1.33E-06	0.00E+00	5.44E-07	0.00E+00
South Carolina	Oconee County	45073	R	1,3-Butadiene	7.14E-03	8.32E-03	8.87E-03	1.07E-02	1.36E-02	1.50E-02	2.78E-02	3.02E-02	0.00E+00	3.46E-03	7.35E-03	2.80E-03	0.00E+00
South Carolina	Oconee County	45073	R	Cadmium Compounds	1.81E-06	2.12E-06	2.87E-06	4.04E-06	4.75E-06	5.90E-06	9.75E-06	9.94E-06	3.74E-07	3.83E-06	0.00E+00	5.42E-07	0.00E+00
South Carolina	Oconee County	45073	R	Carbon Disulfide	4.72E-02	4.72E-02	4.75E-02	4.76E-02	4.77E-02	4.80E-02	4.82E-02	4.83E-02	6.46E-07	7.25E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Oconee County	45073	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.58E-08	6.60E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Oconee County	45073	R	Chloroform	8.60E-02	8.77E-02	8.87E-02	9.00E-02	9.16E-02	9.32E-02	9.54E-02	1.05E-01	2.84E-05	8.58E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Oconee County	45073	R	Chromium Compounds (includes Hexavalent)	5.38E-05	5.87E-05	7.70E-05	1.06E-04	1.63E-04	1.25E-04	1.53E-04	8.59E-04	1.11E-05	1.40E-04	1.11E-05	6.68E-07	0.00E+00
South Carolina	Oconee County	45073	R	Chromium VI	2.18E-05	2.92E-05	3.65E-05	4.22E-05	6.22E-05	4.64E-05	5.56E-05	3.05E-04	3.65E-06	5.40E-05	4.40E-06	2.27E-07	0.00E+00
South Carolina	Oconee County	45073	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	1,4-Dichlorobenzene	3.08E-03	4.86E-03	6.79E-03	8.89E-03	1.12E-02	1.32E-02	1.52E-02	3.30E-02	6.65E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	1,3-Dichloropropene	5.84E-03	9.30E-03	1.32E-02	1.72E-02	2.20E-02	2.61E-02	2.99E-02	6.64E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.76E-09	1.83E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Oconee County	45073	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.99E-07	1.66E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Oconee County	45073	R	Ethylene Oxide	6.11E-05	8.73E-05	1.16E-04	1.55E-04	1.62E-04	2.04E-04	2.40E-04	2.78E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Formaldehyde	3.76E-01	3.83E-01	4.04E-01	4.20E-01	4.43E-01	4.68E-01	5.47E-01	5.68E-01	1.20E-05	7.44E-02	9.34E-02	2.52E-02	2.50E-01
South Carolina	Oconee County	45073	R	Hexachlorobenzene	9.32E-05	9.33E-05	9.34E-05	9.36E-05	9.38E-05	9.39E-05	9.41E-05	9.58E-05	0.00E+00	8.03E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Oconee County	45073	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.87E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Oconee County	45073	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	5.72E-06	6.13E-06	7.74E-06	1.16E-05	2.45E-05	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Hydrazine	4.68E-10	6.27E-10	1.27E-09	2.28E-09	2.64E-09	3.54E-09	3.64E-09	8.30E-09	0.00E+00	2.64E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Lead Compounds	1.27E-04	1.51E-04	2.65E-04	3.16E-04	4.06E-04	5.11E-04	5.85E-04	1.13E-03	3.18E-06	5.31E-05	0.00E+00	3.50E-04	0.00E+00
South Carolina	Oconee County	45073	R	Manganese Compounds	3.69E-05	5.27E-05	6.53E-05	2.21E-04	1.90E-04	2.48E-04	2.64E-04	4.11E-04	3.62E-06	1.83E-04	3.42E-06	3.94E-07	0.00E+00
South Carolina	Oconee County	45073	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	2.69E-07	4.16E-06	1.79E-05	2.86E-06	1.50E-03
South Carolina	Oconee County	45073	R	Methylene Chloride	1.69E-01	1.75E-01	1.93E-01	2.19E-01	2.36E-01	2.42E-01	2.60E-01	4.79E-01	4.32E-02	4.31E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Oconee County	45073	R	Nickel Compounds	2.52E-05	2.57E-05	4.11E-05	5.18E-05	5.21E-05	6.38E-05	7.57E-05	7.59E-05	2.03E-06	4.09E-05	8.35E-06	7.22E-07	0.00E+00
South Carolina	Oconee County	45073	R	Perchloroethylene	1.45E-01	1.46E-01	1.48E-01	1.51E-01	1.56E-01	1.61E-01	1.66E-01	1.89E-01	1.94E-07	1.59E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Oconee County	45073	R	Polychlorinated Biphenyls	4.03E-04	4.15E-04	4.30E-04	4.50E-04	4.76E-04	4.92E-04	5.11E-04	7.17E-04	0.00E+00	9.64E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Oconee County	45073	R	Polycyclic Organic Matter	1.23E-02	1.48E-02	1.92E-02	2.31E-02	2.44E-02	2.82E-02	2.87E-02	4.99E-02	9.58E-06	1.98E-02	3.96E-03	6.12E-04	0.00E+00
South Carolina	Oconee County	45073	R	7-PAH	1.14E-03	1.19E-03	1.37E-03	1.50E-03	1.66E-03	1.67E-03	2.25E-03	3.18E-03	2.77E-09	1.62E-03	2.76E-05	1.47E-05	0.00E+00
South Carolina	Oconee County	45073	R	Propylene Dichloride	3.97E-06	6.11E-06	6.37E-06	7.33E-06	7.45E-06	8.93E-06	9.74E-06	9.92E-06	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Quinoline	3.58E-08	3.76E-08	8.07E-08	1.36E-07	1.51E-07	2.26E-07	2.43E-07	3.36E-07	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	1,1,2,2-Tetrachloroethane	2.54E-05	2.71E-05	4.49E-05	4.98E-05	4.92E-05	5.94E-05	6.34E-05	6.59E-05	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Oconee County	45073	R	Trichloroethylene	8.29E-02	8.53E-02	8.75E-02	9.15E-02	9.53E-02	9.37E-02	9.60E-02	1.50E-01	2.70E-03	1.16E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Oconee County	45073	R	Vinyl Chloride	6.40E-05	7.78E-05	1.15E-04	1.26E-04	1.26E-04	1.50E-04	1.64E-04	1.70E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Acetaldehyde	8.46E-02	1.02E-01	1.21E-01	1.79E-01	1.96E-01	2.39E-01	3.58E-01	3.83E-01	2.78E-02	1.07E-02	1.44E-01	1.36E-02	0.00E+00
South Carolina	Orangeburg County	45075	R	Acrolein	2.07E-02	2.24E-02	2.63E-02	2.87E-02	3.38E-02	4.23E-02	5.37E-02	5.67E-02	8.64E-05	1.54E-02	1.61E-02	2.24E-03	0.00E+00
South Carolina	Orangeburg County	45075	R	Acrylonitrile	4.22E-06	4.54E-06	6.14E-06	9.28E-06	2.19E-05	4.05E-05	5.88E-05	6.58E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Arsenic Compounds	4.24E-05	6.24E-05	8.10E-05	2.30E-04	2.06E-04	2.64E-04	3.47E-04	4.11E-04	1.61E-04	1.90E-05	2.22E-05	4.03E-06	0.00E+00
South Carolina	Orangeburg County	45075	R	Benzene	5.94E-01	6.10E-01	6.48E-01	7.05E-01	8.12E-01	9.84E-01	1.16E+00	1.24E+00	6.30E-04	8.21E-02	2.17E-01	3.22E-02	4.80E-01
South Carolina	Orangeburg County	45075	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Beryllium Compounds	8.11E-07	1.20E-06	2.30E-06	3.17E-06	4.27E-06	4.85E-06	8.75E-06	1.31E-05	1.96E-06	2.02E-06	0.00E+00	2.90E-07	0.00E+00
South Carolina	Orangeburg County	45075	R	1,3-Butadiene	5.43E-03	5.74E-03	6.30E-03	1.19E-02	2.17E-02	3.27E-02	5.38E-02	6.10E-02	0.00E+00	3.02E-03	1.63E-02	2.38E-03	0.00E+00
South Carolina	Orangeburg County	45075	R	Cadmium Compounds	2.47E-06	3.46E-06	1.19E-05	1.67E-05	2.88E-05	3.83E-05	6.85E-05	1.04E-04	2.17E-05	6.84E-06	0.00E+00	2.89E-07	0.00E+00
South Carolina	Orangeburg County	45075	R	Carbon Disulfide	4.70E-02	4.71E-02	4.71E-02	4.74E-02	4.75E-02	4.79E-02	4.80E-02	4.80E-02	3.45E-04	1.39E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Orangeburg County	45075	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	4.88E-04	3.56E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Orangeburg County	45075	R	Chloroform	8.50E-02	8.52E-02	8.55E-02	9.02E-02	9.42E-02	1.02E-01	1.11E-01	1.13E-01	2.52E-03	8.67E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Orangeburg County	45075	R	Chromium Compounds (includes Hexavalent)	1.43E-05	1.99E-05	3.35E-05	5.75E-05	5.88E-05	7.26E-05	1.13E-04	1.45E-04	2.67E-05	1.73E-05	1.44E-05	4.50E-07	0.00E+00
South Carolina	Orangeburg County	45075	R	Chromium VI	5.66E-06	6.32E-06	1.12E-05	1.47E-05	1.97E-05	2.78E-05	3.16E-05	5.18E-05	6.01E-06	7.81E-06	5.73E-06	1.53E-07	0.00E+00
South Carolina	Orangeburg County	45075	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	1,4-Dichlorobenzene	2.65E-03	3.02E-03	3.27E-03	5.97E-03	1.11E-02	1.72E-02	2.97E-02	3.16E-02	3.72E-06	1.11E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	1,3-Dichloropropene	5.09E-03	5.83E-03	6.36E-03	1.19E-02	2.24E-02	3.46E-02	6.04E-02	6.42E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.67E-08	1.02E-08	0.00E+00	0.00E+00	7.70E-03
South Carolina	Orangeburg County	45075	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	4.50E-05	3.95E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Orangeburg County	45075	R	Ethylene Oxide	2.90E-05	3.60E-05	6.28E-05	1.17E-04	7.40E-04	1.18E-03	2.79E-03	2.89E-03	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Formaldehyde	3.56E-01	3.62E-01	3.97E-01	4.41E-01	4.87E-01	5.92E-01	6.68E-01	7.05E-01	4.49E-02	5.72E-02	1.10E-01	2.44E-02	2.50E-01
South Carolina	Orangeburg County	45075	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.38E-05	9.43E-05	9.48E-05	9.54E-05	0.00E+00	7.60E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Orangeburg County	45075	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.62E-08	0.00E+00	0.00E+00	1.80E-03

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Orangeburg County	45075	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-07	1.00E-06	1.65E-06	2.28E-06	4.89E-07	5.41E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Hydrazine	1.64E-11	1.81E-11	2.64E-11	3.34E-11	7.74E-11	9.74E-11	1.98E-10	2.87E-10	0.00E+00	7.74E-11	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Lead Compounds	1.76E-04	1.92E-04	2.31E-04	4.62E-04	5.88E-04	6.98E-04	1.23E-03	1.66E-03	1.31E-04	1.84E-04	0.00E+00	2.73E-04	0.00E+00
South Carolina	Orangeburg County	45075	R	Manganese Compounds	2.38E-04	3.79E-04	8.41E-04	1.90E-03	1.74E-02	8.54E-03	4.42E-02	1.32E-01	1.69E-02	4.36E-04	4.69E-06	4.08E-07	0.00E+00
South Carolina	Orangeburg County	45075	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.56E-03	1.59E-03	1.61E-03	1.63E-03	2.29E-05	8.52E-06	2.52E-05	3.57E-06	1.50E-03
South Carolina	Orangeburg County	45075	R	Methylene Chloride	1.86E-01	2.14E-01	3.02E-01	5.07E-01	3.61E+00	1.88E+00	9.20E+00	2.64E+01	3.40E+00	6.21E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Orangeburg County	45075	R	Nickel Compounds	1.47E-05	2.09E-05	3.56E-05	6.49E-05	7.67E-05	1.01E-04	1.69E-04	2.00E-04	4.25E-05	2.26E-05	1.09E-05	6.94E-07	0.00E+00
South Carolina	Orangeburg County	45075	R	Perchloroethylene	1.44E-01	1.45E-01	1.47E-01	1.52E-01	1.59E-01	1.69E-01	1.86E-01	1.93E-01	2.85E-04	1.89E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Orangeburg County	45075	R	Polychlorinated Biphenyls	3.97E-04	3.99E-04	4.03E-04	4.27E-04	4.69E-04	5.30E-04	6.00E-04	6.67E-04	0.00E+00	8.92E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Orangeburg County	45075	R	Polycyclic Organic Matter	9.35E-03	1.01E-02	1.14E-02	1.72E-02	3.48E-02	4.64E-02	9.18E-02	1.11E-01	4.14E-04	2.89E-02	5.02E-03	5.20E-04	0.00E+00
South Carolina	Orangeburg County	45075	R	7-PAH	6.19E-04	6.23E-04	6.90E-04	7.98E-04	1.13E-03	1.67E-03	1.93E-03	2.26E-03	5.28E-08	1.08E-03	3.68E-05	7.06E-06	0.00E+00
South Carolina	Orangeburg County	45075	R	Propylene Dichloride	1.55E-07	1.66E-07	2.28E-07	3.45E-07	1.09E-06	1.41E-06	3.37E-06	3.59E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Quinoline	7.21E-10	7.45E-10	8.98E-10	1.12E-09	3.11E-09	3.24E-09	8.91E-09	1.16E-08	0.00E+00	3.11E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	1,1,2,2-Tetrachloroethane	2.21E-08	2.39E-08	3.21E-08	5.04E-08	7.40E-06	1.02E-05	2.91E-05	3.12E-05	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Orangeburg County	45075	R	Trichloroethylene	8.18E-02	8.20E-02	8.23E-02	8.35E-02	8.74E-02	8.89E-02	9.98E-02	1.08E-01	1.61E-04	6.20E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Orangeburg County	45075	R	Vinyl Chloride	1.15E-07	1.23E-07	1.69E-07	2.39E-07	1.84E-05	2.51E-05	7.20E-05	7.72E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Acetaldehyde	1.38E-01	1.72E-01	2.31E-01	2.96E-01	3.14E-01	4.23E-01	4.69E-01	4.84E-01	2.26E-02	1.25E-02	2.53E-01	2.62E-02	0.00E+00
South Carolina	Pickens County	45077	U	Acrolein	3.17E-02	3.75E-02	4.35E-02	5.46E-02	5.27E-02	6.20E-02	6.48E-02	6.49E-02	1.28E-04	1.68E-02	2.95E-02	6.27E-03	0.00E+00
South Carolina	Pickens County	45077	U	Acrylonitrile	7.30E-04	9.35E-04	1.49E-03	2.81E-03	3.28E-03	4.59E-03	6.58E-03	7.24E-03	2.78E-03	5.02E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Arsenic Compounds	3.50E-05	3.82E-05	5.53E-05	7.98E-05	8.13E-05	1.07E-04	1.17E-04	1.32E-04	2.59E-05	2.24E-05	2.78E-05	5.22E-06	0.00E+00
South Carolina	Pickens County	45077	U	Benzene	7.55E-01	7.91E-01	8.91E-01	1.00E+00	1.01E+00	1.16E+00	1.21E+00	1.24E+00	1.67E-04	1.51E-01	3.09E-01	7.37E-02	4.80E-01
South Carolina	Pickens County	45077	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Beryllium Compounds	1.41E-06	1.60E-06	2.79E-06	3.41E-06	3.94E-06	5.16E-06	6.42E-06	7.12E-06	1.31E-06	2.21E-06	0.00E+00	4.16E-07	0.00E+00
South Carolina	Pickens County	45077	U	1,3-Butadiene	1.07E-02	1.14E-02	1.54E-02	2.25E-02	2.44E-02	3.14E-02	4.18E-02	4.24E-02	6.04E-06	3.03E-03	1.66E-02	4.69E-03	0.00E+00
South Carolina	Pickens County	45077	U	Cadmium Compounds	3.31E-06	3.58E-06	6.09E-06	8.11E-06	8.73E-06	1.13E-05	1.35E-05	1.42E-05	3.50E-06	4.82E-06	0.00E+00	4.15E-07	0.00E+00
South Carolina	Pickens County	45077	U	Carbon Disulfide	4.77E-02	4.79E-02	4.80E-02	4.83E-02	4.84E-02	4.87E-02	4.93E-02	4.93E-02	1.09E-05	1.41E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Pickens County	45077	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.37E-07	8.20E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Pickens County	45077	U	Chloroform	9.07E-02	9.16E-02	9.41E-02	9.69E-02	9.75E-02	1.01E-01	1.04E-01	1.06E-01	8.55E-04	1.37E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Pickens County	45077	U	Chromium Compounds (includes Hexavalent)	5.03E-05	5.86E-05	1.17E-04	1.62E-04	1.57E-04	1.99E-04	2.29E-04	2.42E-04	2.12E-05	1.15E-04	1.94E-05	9.72E-07	0.00E+00
South Carolina	Pickens County	45077	U	Chromium VI	3.05E-05	3.44E-05	6.58E-05	7.91E-05	8.15E-05	9.54E-05	1.23E-04	1.35E-04	7.35E-06	6.61E-05	7.71E-06	3.30E-07	0.00E+00
South Carolina	Pickens County	45077	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	1,4-Dichlorobenzene	5.82E-03	6.73E-03	1.17E-02	1.62E-02	1.76E-02	2.36E-02	2.80E-02	3.06E-02	3.03E-06	1.75E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	1,3-Dichloropropene	1.11E-02	1.30E-02	2.28E-02	3.16E-02	3.45E-02	4.67E-02	5.59E-02	6.10E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.61E-08	5.16E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Pickens County	45077	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.11E-02	6.11E-02	4.30E-06	5.94E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Pickens County	45077	U	Ethylene Oxide	8.79E-05	8.94E-05	1.83E-04	2.71E-04	2.98E-04	3.46E-04	4.71E-04	6.03E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Formaldehyde	4.04E-01	4.38E-01	4.75E-01	5.40E-01	5.62E-01	6.18E-01	6.63E-01	6.77E-01	4.90E-04	8.43E-02	1.79E-01	4.80E-02	2.50E-01
South Carolina	Pickens County	45077	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.36E-05	9.39E-05	9.40E-05	9.43E-05	9.46E-05	9.47E-05	0.00E+00	9.56E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Pickens County	45077	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.90E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Pickens County	45077	U	Hexamethylene Diisocyanate	7.30E-06	7.44E-06	1.02E-05	1.81E-05	1.85E-05	2.55E-05	3.11E-05	3.18E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Hydrazine	4.76E-09	4.83E-09	5.84E-09	8.46E-09	2.13E-08	1.34E-08	5.08E-08	6.62E-08	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Lead Compounds	2.40E-04	2.97E-04	7.40E-04	9.68E-04	1.26E-03	1.13E-03	1.86E-03	1.92E-03	3.49E-04	7.79E-05	0.00E+00	8.32E-04	0.00E+00
South Carolina	Pickens County	45077	U	Manganese Compounds	4.03E-05	5.20E-05	7.68E-05	1.10E-04	1.16E-04	1.37E-04	2.18E-04	2.50E-04	2.68E-05	8.26E-05	6.12E-06	6.31E-07	0.00E+00
South Carolina	Pickens County	45077	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	2.15E-06	8.82E-06	3.05E-05	4.46E-06	1.50E-03
South Carolina	Pickens County	45077	U	Methylene Chloride	1.75E-01	1.79E-01	2.03E-01	2.26E-01	2.32E-01	2.51E-01	2.72E-01	2.92E-01	3.92E-03	7.77E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Pickens County	45077	U	Nickel Compounds	5.97E-05	8.72E-05	1.23E-04	1.64E-04	2.03E-04	2.61E-04	3.78E-04	4.21E-04	1.50E-05	1.73E-04	1.46E-05	1.11E-06	0.00E+00
South Carolina	Pickens County	45077	U	Perchloroethylene	1.49E-01	1.49E-01	1.60E-01	1.71E-01	1.70E-01	1.84E-01	1.88E-01	1.92E-01	5.53E-05	3.03E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Pickens County	45077	U	Polychlorinated Biphenyls	4.11E-04	4.14E-04	4.47E-04	4.93E-04	4.95E-04	5.40E-04	5.77E-04	5.86E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	3.80E-04
South Carolina	Pickens County	45077	U	Polycyclic Organic Matter	2.01E-02	2.58E-02	3.10E-02	3.61E-02	3.69E-02	4.47E-02	4.96E-02	4.99E-02	9.90E-05	2.88E-02	6.90E-03	1.14E-03	0.00E+00
South Carolina	Pickens County	45077	U	7-PAH	1.34E-03	1.71E-03	1.77E-03	1.89E-03	1.96E-03	2.17E-03	2.42E-03	2.55E-03	7.76E-09	1.90E-03	4.78E-05	1.48E-05	0.00E+00
South Carolina	Pickens County	45077	U	Propylene Dichloride	6.46E-06	6.51E-06	7.78E-06	1.31E-05	2.99E-05	2.00E-05	2.25E-05	3.75E-05	1.87E-06	2.80E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Quinoline	1.40E-07	1.62E-07	2.29E-07	2.99E-07	3.33E-07	4.03E-07	5.31E-07	5.35E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	1,1,2,2-Tetrachloroethane	2.79E-05	3.33E-05	4.51E-05	8.60E-05	2.41E-04	1.46E-04	1.66E-04	3.05E-04	1.72E-05	2.23E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Pickens County	45077	U	Trichloroethylene	8.58E-02	8.65E-02	8.99E-02	9.54E-02	9.54E-02	9.92E-02	1.05E-01	1.06E-01	6.22E-03	8.22E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Pickens County	45077	U	Vinyl Chloride	7.74E-05	9.09E-05	1.19E-04	2.33E-04	7.05E-04	6.90E-04	9.04E-04	9.60E-04	4.22E-05	6.63E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Acetaldehyde	3.87E-01	5.20E-01	6.53E-01	7.48E-01	8.19E-01	9.74E-01	1.21E+00	1.39E+00	1.52E-01	8.54E-03	5.85E-01	7.36E-02	0.00E+00
South Carolina	Richland County	45079	U	Acrolein	5.98E-02	6.81E-02	8.92E-02	9.86E-02	9.94E-02	1.11E-01	1.30E-01	1.39E-01	1.77E-04	2.31E-02	6.47E-02	1.14E-02	0.00E+00
South Carolina	Richland County	45079	U	Acrylonitrile	1.37E-04	1.93E-04	2.69E-04	3.82E-04	1.34E-03	6.65E-04	1.67E-03	4.38E-03	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Arsenic Compounds	2.33E-04	2.76E-04	4.78E-04	6.72E-04	6.72E-04	8.23E-04	1.07E-03	1.10E-03	5.30E-04	7.37E-05	5.39E-05	1.39E-05	0.00E+00
South Carolina	Richland County	45079	U	Benzene	9.05E-01	9.56E-01	1.27E+00	1.45E+00	1.54E+00	1.80E+00	2.05E+00	2.64E+00	3.29E-04	1.35E-01	7.54E-01	1.68E-01	4.80E-01
South Carolina	Richland County	45079	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Beryllium Compounds	2.80E-06	3.76E-06	5.64E-06	8.68E-06	9.56E-06	1.09E-05	1.67E-05	2.30E-05	2.87E-06	5.93E-06	0.00E+00	7.51E-07	0.00E+00
South Carolina	Richland County	45079	U	1,3-Butadiene	1.32E-02	1.59E-02	3.44E-02	4.65E-02	6.43E-02	8.89E-02	1.24E-01	1.96E-01	0.00E+00	2.00E-03	4.52E-02	1.71E-02	0.00E+00
South Carolina	Richland County	45079	U	Cadmium Compounds	6.75E-06	8.03E-06	1.26E-05	1.67E-05	1.93E-05	1.93E-05	3.57E-05	4.38E-05	4.50E-06	1.41E-05	0.00E+00	7.49E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Richland County	45079	U	Carbon Disulfide	4.75E-02	4.78E-02	4.80E-02	4.83E-02	4.89E-02	4.90E-02	5.00E-02	5.21E-02	1.06E-03	8.29E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Richland County	45079	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.84E-01	1.51E-03	2.16E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Richland County	45079	U	Chloroform	1.01E-01	1.08E-01	1.23E-01	1.30E-01	1.31E-01	1.35E-01	1.48E-01	1.60E-01	7.75E-03	4.00E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Richland County	45079	U	Chromium Compounds (includes Hexavalent)	8.87E-05	1.14E-04	1.64E-04	1.91E-04	2.12E-04	2.49E-04	3.07E-04	3.65E-04	2.14E-05	1.41E-04	4.70E-05	2.57E-06	0.00E+00
South Carolina	Richland County	45079	U	Chromium VI	2.89E-05	3.82E-05	5.29E-05	6.21E-05	7.27E-05	7.81E-05	1.20E-04	1.49E-04	7.49E-06	4.55E-05	1.88E-05	8.73E-07	0.00E+00
South Carolina	Richland County	45079	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	1,4-Dichlorobenzene	1.07E-02	1.42E-02	2.90E-02	3.61E-02	3.68E-02	4.11E-02	5.32E-02	6.35E-02	3.88E-06	3.68E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	1,3-Dichloropropene	2.07E-02	2.76E-02	5.73E-02	7.22E-02	7.35E-02	8.22E-02	1.07E-01	1.28E-01	0.00E+00	7.35E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.53E-08	6.76E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Richland County	45079	U	Ethylene Dichloride	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	6.13E-02	6.15E-02	6.19E-02	1.37E-04	2.58E-04	0.00E+00	0.00E+00	6.10E-02
South Carolina	Richland County	45079	U	Ethylene Oxide	2.05E-04	3.04E-04	6.93E-04	1.74E-03	3.35E-03	2.95E-03	9.70E-03	1.17E-02	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Formaldehyde	5.26E-01	5.53E-01	6.77E-01	7.65E-01	8.13E-01	9.39E-01	1.06E+00	1.20E+00	5.41E-03	6.95E-02	3.66E-01	1.22E-01	2.50E-01
South Carolina	Richland County	45079	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	9.35E-05	0.00E+00	3.19E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Richland County	45079	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.14E-07	0.00E+00	0.00E+00	1.80E-03
South Carolina	Richland County	45079	U	Hexamethylene Diisocyanate	3.54E-06	4.23E-06	5.69E-06	7.80E-06	1.12E-05	1.08E-05	1.77E-05	3.08E-05	7.45E-06	3.75E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Hydrazine	2.64E-13	5.31E-13	1.34E-12	2.47E-12	2.62E-11	9.10E-12	4.20E-11	1.14E-10	0.00E+00	2.62E-11	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Lead Compounds	3.11E-04	4.46E-04	6.49E-04	9.44E-04	1.15E-03	1.41E-03	2.06E-03	3.06E-03	3.57E-05	2.79E-04	0.00E+00	8.33E-04	0.00E+00
South Carolina	Richland County	45079	U	Manganese Compounds	2.05E-04	2.48E-04	2.82E-04	3.27E-04	3.49E-04	3.69E-04	4.71E-04	7.15E-04	1.47E-04	1.85E-04	1.50E-05	1.67E-06	0.00E+00
South Carolina	Richland County	45079	U	Mercury Compounds	1.54E-03	1.55E-03	1.58E-03	1.59E-03	1.60E-03	1.62E-03	1.65E-03	1.69E-03	1.12E-05	2.89E-05	5.19E-05	1.13E-05	1.50E-03
South Carolina	Richland County	45079	U	Methylene Chloride	2.12E-01	2.30E-01	2.92E-01	3.62E-01	4.26E-01	4.42E-01	7.60E-01	9.23E-01	2.93E-02	2.47E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Richland County	45079	U	Nickel Compounds	5.35E-05	6.27E-05	9.67E-05	1.12E-04	1.29E-04	1.41E-04	2.18E-04	2.50E-04	2.42E-05	6.73E-05	3.48E-05	3.01E-06	0.00E+00
South Carolina	Richland County	45079	U	Perchloroethylene	1.60E-01	1.73E-01	1.88E-01	2.15E-01	2.48E-01	2.99E-01	3.47E-01	3.76E-01	2.78E-04	1.08E-01	0.00E+00	0.00E+00	1.40E-01
South Carolina	Richland County	45079	U	Polychlorinated Biphenyls	4.00E-04	4.02E-04	4.08E-04	4.17E-04	4.18E-04	4.27E-04	4.33E-04	4.38E-04	0.00E+00	3.82E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Richland County	45079	U	Polycyclic Organic Matter	2.75E-02	3.00E-02	4.61E-02	5.47E-02	5.66E-02	6.47E-02	8.54E-02	9.08E-02	5.02E-04	3.68E-02	1.63E-02	3.00E-03	0.00E+00
South Carolina	Richland County	45079	U	7-PAH	1.02E-03	1.05E-03	1.12E-03	1.25E-03	1.37E-03	1.54E-03	1.96E-03	2.19E-03	3.24E-08	1.23E-03	1.02E-04	3.42E-05	0.00E+00
South Carolina	Richland County	45079	U	Propylene Dichloride	5.62E-06	7.04E-06	1.05E-05	1.81E-05	7.48E-05	3.30E-05	6.99E-05	2.59E-04	0.00E+00	7.48E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Quinoline	1.54E-11	4.16E-11	7.39E-11	1.46E-10	1.62E-09	5.11E-10	2.03E-09	8.68E-09	0.00E+00	1.62E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	1,1,2,2-Tetrachloroethane	4.64E-05	5.69E-05	9.13E-05	1.58E-04	6.70E-04	2.72E-04	6.31E-04	2.36E-03	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Richland County	45079	U	Trichloroethylene	8.70E-02	8.98E-02	9.99E-02	1.10E-01	1.29E-01	1.29E-01	1.75E-01	2.33E-01	2.73E-04	4.76E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Richland County	45079	U	Vinyl Chloride	1.16E-04	1.38E-04	2.23E-04	3.89E-04	1.65E-03	6.69E-04	1.55E-03	5.81E-03	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Acetaldehyde	8.28E-02	8.28E-02	8.58E-02	1.01E-01	1.08E-01	1.31E-01	1.48E-01	1.48E-01	1.98E-03	1.49E-02	8.38E-02	7.83E-03	0.00E+00
South Carolina	Saluda County	45081	R	Acrolein	2.36E-02	2.36E-02	2.44E-02	2.59E-02	2.70E-02	2.96E-02	3.25E-02	3.25E-02	3.78E-05	1.46E-02	1.05E-02	1.82E-03	0.00E+00
South Carolina	Saluda County	45081	R	Acrylonitrile	2.69E-05	2.69E-05	3.53E-05	4.40E-05	5.55E-05	7.57E-05	1.07E-04	1.07E-04	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Arsenic Compounds	1.37E-05	1.37E-05	1.53E-05	1.76E-05	1.90E-05	2.28E-05	2.72E-05	2.72E-05	4.98E-06	4.00E-06	8.46E-06	1.58E-06	0.00E+00
South Carolina	Saluda County	45081	R	Benzene	6.10E-01	6.10E-01	6.20E-01	6.34E-01	6.41E-01	6.62E-01	6.87E-01	6.87E-01	1.00E-04	5.39E-02	8.75E-02	1.96E-02	4.80E-01
South Carolina	Saluda County	45081	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Beryllium Compounds	8.98E-07	8.98E-07	1.43E-06	1.99E-06	1.96E-06	2.49E-06	2.95E-06	2.95E-06	3.43E-07	1.44E-06	0.00E+00	1.76E-07	0.00E+00
South Carolina	Saluda County	45081	R	1,3-Butadiene	5.78E-03	5.78E-03	5.80E-03	5.98E-03	6.24E-03	6.68E-03	7.21E-03	7.21E-03	0.00E+00	3.06E-03	2.53E-03	6.56E-04	0.00E+00
South Carolina	Saluda County	45081	R	Cadmium Compounds	2.29E-06	2.29E-06	3.70E-06	5.14E-06	4.45E-06	5.19E-06	5.21E-06	5.21E-06	6.45E-07	3.63E-06	0.00E+00	1.75E-07	0.00E+00
South Carolina	Saluda County	45081	R	Carbon Disulfide	4.72E-02	4.72E-02	4.73E-02	4.74E-02	4.74E-02	4.76E-02	4.77E-02	4.77E-02	2.00E-06	4.40E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Saluda County	45081	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.71E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Saluda County	45081	R	Chloroform	8.47E-02	8.47E-02	8.48E-02	8.49E-02	8.49E-02	8.51E-02	8.52E-02	8.52E-02	3.89E-07	1.93E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Saluda County	45081	R	Chromium Compounds (includes Hexavalent)	1.18E-05	1.18E-05	1.18E-05	1.31E-05	1.78E-05	2.38E-05	3.32E-05	3.32E-05	2.77E-06	9.15E-06	5.67E-06	2.29E-07	0.00E+00
South Carolina	Saluda County	45081	R	Chromium VI	4.65E-06	4.65E-06	4.89E-06	5.55E-06	6.23E-06	7.57E-06	9.16E-06	9.16E-06	7.63E-07	3.13E-06	2.26E-06	7.79E-08	0.00E+00
South Carolina	Saluda County	45081	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	1,4-Dichlorobenzene	2.65E-03	2.65E-03	3.08E-03	3.59E-03	3.64E-03	4.21E-03	4.74E-03	4.74E-03	2.05E-07	3.64E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	1,3-Dichloropropene	5.04E-03	5.04E-03	5.88E-03	6.83E-03	6.93E-03	7.98E-03	9.02E-03	9.02E-03	0.00E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.92E-09	1.15E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Saluda County	45081	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.78E-07	6.16E-06	0.00E+00	0.00E+00	6.10E-02
South Carolina	Saluda County	45081	R	Ethylene Oxide	2.44E-05	2.44E-05	2.85E-05	3.86E-05	4.40E-05	5.95E-05	7.44E-05	7.44E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Formaldehyde	3.59E-01	3.59E-01	3.63E-01	3.75E-01	3.79E-01	3.95E-01	4.07E-01	4.07E-01	1.15E-03	6.12E-02	5.41E-02	1.26E-02	2.50E-01
South Carolina	Saluda County	45081	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.21E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Saluda County	45081	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.64E-09	0.00E+00	0.00E+00	1.80E-03
South Carolina	Saluda County	45081	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	1.88E-07	4.97E-07	5.53E-07	9.18E-07	1.22E-06	1.22E-06	0.00E+00	5.53E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Hydrazine	1.83E-09	1.83E-09	2.18E-09	2.65E-09	3.03E-09	3.87E-09	4.98E-09	4.98E-09	0.00E+00	3.03E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Lead Compounds	8.07E-05	8.07E-05	1.27E-04	1.91E-04	1.73E-04	2.18E-04	2.28E-04	2.28E-04	2.77E-05	2.42E-05	0.00E+00	1.21E-04	0.00E+00
South Carolina	Saluda County	45081	R	Manganese Compounds	1.33E-04	1.33E-04	1.36E-04	1.62E-04	1.75E-04	2.15E-04	2.44E-04	2.44E-04	6.98E-06	1.66E-04	1.69E-06	1.75E-07	0.00E+00
South Carolina	Saluda County	45081	R	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.56E-03	1.56E-03	1.59E-03	1.61E-03	1.61E-03	4.57E-05	1.49E-06	9.58E-06	1.51E-06	1.50E-03
South Carolina	Saluda County	45081	R	Methylene Chloride	1.59E-01	1.59E-01	1.64E-01	1.70E-01	1.68E-01	1.71E-01	1.71E-01	1.71E-01	4.23E-06	1.75E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Saluda County	45081	R	Nickel Compounds	2.12E-05	2.12E-05	2.68E-05	3.38E-05	3.53E-05	4.37E-05	5.24E-05	5.24E-05	3.56E-06	2.72E-05	4.21E-06	2.91E-07	0.00E+00
South Carolina	Saluda County	45081	R	Perchloroethylene	1.43E-01	1.43E-01	1.46E-01	1.50E-01	1.50E-01	1.54E-01	1.57E-01	1.57E-01	6.29E-03	3.62E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Saluda County	45081	R	Polychlorinated Biphenyls	3.96E-04	3.96E-04	4.01E-04	4.06E-04	4.04E-04	4.07E-04	4.08E-04	4.08E-04	0.00E+00	2.41E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Saluda County	45081	R	Polycyclic Organic Matter	7.65E-03	7.65E-03	8.94E-03	1.08E-02	1.05E-02	1.21E-02	1.29E-02	1.29E-02	5.85E-05	8.22E-03	2.00E-03	2.60E-04	0.00E+00
South Carolina	Saluda County	45081	R	7-PAH	7.44E-04	7.44E-04	7.86E-04	8.76E-04	8.70E-04	9.55E-04	9.85E-04	9.85E-04	5.85E-09	8.51E-04	1.42E-05	5.22E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Saluda County	45081	R	Propylene Dichloride	7.22E-07	7.22E-07	1.26E-06	2.18E-06	2.63E-06	4.01E-06	5.45E-06	5.45E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Quinoline	4.85E-08	4.85E-08	7.45E-08	1.17E-07	1.15E-07	1.56E-07	1.79E-07	1.79E-07	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	1,1,2,2-Tetrachloroethane	2.28E-06	2.28E-06	3.13E-06	6.46E-06	1.43E-05	2.54E-05	4.19E-05	4.19E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Saluda County	45081	R	Trichloroethylene	8.20E-02	8.20E-02	8.34E-02	8.51E-02	8.48E-02	8.63E-02	8.70E-02	8.70E-02	1.91E-03	1.91E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Saluda County	45081	R	Vinyl Chloride	6.16E-06	6.16E-06	9.53E-06	1.74E-05	3.61E-05	6.27E-05	1.04E-04	1.04E-04	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Acetaldehyde	2.59E-01	2.77E-01	3.46E-01	4.46E-01	5.16E-01	7.03E-01	8.25E-01	9.19E-01	5.21E-02	8.60E-03	4.15E-01	4.05E-02	0.00E+00
South Carolina	Spartanburg County	45083	U	Acrolein	4.59E-02	5.21E-02	5.76E-02	7.46E-02	7.46E-02	8.99E-02	9.81E-02	1.06E-01	3.60E-04	1.57E-02	5.10E-02	7.55E-03	0.00E+00
South Carolina	Spartanburg County	45083	U	Acrylonitrile	4.80E-04	5.89E-04	8.22E-04	1.43E-03	2.80E-03	2.75E-03	8.63E-03	1.01E-02	2.43E-03	3.62E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Arsenic Compounds	5.15E-05	5.39E-05	7.32E-05	1.12E-04	1.16E-04	1.51E-04	1.67E-04	1.79E-04	2.91E-05	3.43E-05	4.37E-05	9.01E-06	0.00E+00
South Carolina	Spartanburg County	45083	U	Benzene	8.73E-01	9.53E-01	1.04E+00	1.32E+00	1.32E+00	1.53E+00	1.75E+00	1.97E+00	3.65E-03	2.02E-01	5.45E-01	8.89E-02	4.80E-01
South Carolina	Spartanburg County	45083	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Beryllium Compounds	3.14E-06	4.32E-06	5.90E-06	7.89E-06	8.54E-06	1.05E-05	1.18E-05	1.64E-05	4.58E-06	3.05E-06	0.00E+00	9.06E-07	0.00E+00
South Carolina	Spartanburg County	45083	U	1,3-Butadiene	1.18E-02	1.32E-02	1.55E-02	3.17E-02	3.95E-02	5.13E-02	7.16E-02	1.00E-01	3.11E-05	1.90E-03	2.95E-02	8.15E-03	0.00E+00
South Carolina	Spartanburg County	45083	U	Cadmium Compounds	6.27E-06	8.14E-06	1.11E-05	1.62E-05	1.67E-05	2.10E-05	2.26E-05	2.62E-05	8.33E-06	7.43E-06	0.00E+00	9.03E-07	0.00E+00
South Carolina	Spartanburg County	45083	U	Carbon Disulfide	4.74E-02	4.75E-02	4.77E-02	4.87E-02	5.09E-02	5.06E-02	5.27E-02	6.10E-02	3.38E-03	5.03E-04	0.00E+00	0.00E+00	4.70E-02
South Carolina	Spartanburg County	45083	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.38E-06	1.46E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	Spartanburg County	45083	U	Chloroform	9.05E-02	9.08E-02	9.51E-02	9.87E-02	9.89E-02	1.03E-01	1.06E-01	1.07E-01	1.83E-05	1.59E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Spartanburg County	45083	U	Chromium Compounds (includes Hexavalent)	1.57E-04	2.23E-04	4.16E-04	5.74E-04	9.63E-04	7.90E-04	1.69E-03	4.20E-03	1.20E-05	9.16E-04	3.38E-05	1.45E-06	0.00E+00
South Carolina	Spartanburg County	45083	U	Chromium VI	4.53E-05	6.34E-05	1.82E-04	2.43E-04	3.05E-04	3.39E-04	4.82E-04	8.87E-04	6.44E-06	2.85E-04	1.35E-05	4.94E-07	0.00E+00
South Carolina	Spartanburg County	45083	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	1,4-Dichlorobenzene	1.03E-02	1.08E-02	1.71E-02	2.49E-02	2.55E-02	3.31E-02	3.81E-02	4.13E-02	9.39E-05	2.55E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	1,3-Dichloropropene	1.99E-02	2.10E-02	3.36E-02	4.94E-02	5.05E-02	6.55E-02	7.59E-02	8.27E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.61E-07	1.23E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Spartanburg County	45083	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	1.23E-04	4.79E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Spartanburg County	45083	U	Ethylene Oxide	4.15E-04	6.72E-04	1.07E-03	1.95E-03	2.78E-03	3.56E-03	4.73E-03	5.07E-03	2.12E-04	2.56E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Formaldehyde	4.86E-01	5.23E-01	5.62E-01	6.53E-01	7.18E-01	8.47E-01	9.84E-01	1.03E+00	3.65E-02	6.68E-02	2.88E-01	7.59E-02	2.50E-01
South Carolina	Spartanburg County	45083	U	Hexachlorobenzene	9.34E-05	9.36E-05	9.39E-05	9.42E-05	9.42E-05	9.45E-05	9.47E-05	9.48E-05	3.36E-09	1.20E-06	0.00E+00	0.00E+00	9.30E-05
South Carolina	Spartanburg County	45083	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	7.28E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Spartanburg County	45083	U	Hexamethylene Diisocyanate	1.24E-07	1.35E-07	3.37E-06	2.72E-05	2.38E-05	3.14E-05	4.12E-05	4.95E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Hydrazine	1.40E-10	1.85E-10	2.81E-10	3.12E-10	4.23E-10	3.27E-10	4.98E-10	1.10E-09	0.00E+00	4.23E-10	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Lead Compounds	3.74E-04	4.59E-04	6.29E-04	1.27E-03	1.86E-03	1.82E-03	3.77E-03	4.35E-03	3.10E-04	2.40E-04	0.00E+00	1.31E-03	0.00E+00
South Carolina	Spartanburg County	45083	U	Manganese Compounds	6.80E-05	1.11E-04	2.27E-04	2.72E-04	2.79E-04	3.43E-04	4.40E-04	5.40E-04	3.72E-05	2.30E-04	1.07E-05	1.04E-06	0.00E+00
South Carolina	Spartanburg County	45083	U	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	1.60E-03	1.61E-03	1.64E-03	6.43E-06	1.46E-05	4.56E-05	8.05E-06	1.50E-03
South Carolina	Spartanburg County	45083	U	Methylene Chloride	1.96E-01	2.05E-01	2.34E-01	2.81E-01	3.09E-01	3.58E-01	3.91E-01	4.65E-01	5.70E-03	1.54E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Spartanburg County	45083	U	Nickel Compounds	2.13E-04	2.57E-04	4.10E-04	7.13E-04	1.31E-03	1.16E-03	2.27E-03	2.65E-03	1.73E-05	1.26E-03	2.52E-05	1.83E-06	0.00E+00
South Carolina	Spartanburg County	45083	U	Perchloroethylene	1.57E-01	1.60E-01	1.77E-01	1.92E-01	1.95E-01	2.04E-01	2.32E-01	2.52E-01	1.83E-03	5.28E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Spartanburg County	45083	U	Polychlorinated Biphenyls	4.25E-04	4.37E-04	4.69E-04	5.18E-04	5.16E-04	5.53E-04	5.73E-04	5.96E-04	5.91E-08	1.36E-04	0.00E+00	0.00E+00	3.80E-04
South Carolina	Spartanburg County	45083	U	Polycyclic Organic Matter	2.86E-02	3.31E-02	4.14E-02	5.74E-02	5.49E-02	6.35E-02	7.66E-02	8.59E-02	2.15E-04	4.06E-02	1.19E-02	2.13E-03	0.00E+00
South Carolina	Spartanburg County	45083	U	7-PAH	1.52E-03	1.61E-03	1.94E-03	2.20E-03	2.29E-03	2.62E-03	3.14E-03	3.42E-03	9.61E-07	2.19E-03	7.92E-05	1.93E-05	0.00E+00
South Carolina	Spartanburg County	45083	U	Propylene Dichloride	2.12E-05	2.76E-05	4.08E-05	6.39E-05	7.83E-05	9.95E-05	1.32E-04	1.70E-04	6.08E-05	1.75E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Quinoline	5.08E-09	8.71E-09	1.40E-08	1.54E-08	1.67E-08	1.71E-08	1.92E-08	4.25E-08	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	1,1,2,2-Tetrachloroethane	1.12E-04	1.78E-04	3.12E-04	5.17E-04	6.62E-04	8.61E-04	1.18E-03	1.50E-03	5.55E-04	1.07E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Spartanburg County	45083	U	Trichloroethylene	8.59E-02	8.62E-02	9.06E-02	9.96E-02	1.04E-01	1.08E-01	1.19E-01	1.23E-01	2.00E-03	2.10E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Spartanburg County	45083	U	Vinyl Chloride	4.87E-04	1.23E-03	2.04E-03	3.89E-03	4.61E-03	6.06E-03	9.29E-03	1.14E-02	1.37E-03	3.24E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Acetaldehyde	1.27E-01	1.29E-01	1.85E-01	2.41E-01	3.28E-01	4.11E-01	7.00E-01	7.91E-01	3.49E-02	1.93E-02	2.48E-01	2.54E-02	0.00E+00
South Carolina	Sumter County	45085	R	Acrolein	2.98E-02	3.14E-02	3.53E-02	4.40E-02	4.97E-02	5.49E-02	8.16E-02	1.03E-01	3.76E-04	1.84E-02	2.76E-02	3.39E-03	0.00E+00
South Carolina	Sumter County	45085	R	Acrylonitrile	5.15E-05	5.74E-05	6.95E-05	8.04E-05	1.08E-04	1.25E-04	1.95E-04	2.78E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Arsenic Compounds	5.21E-05	5.63E-05	6.35E-05	9.54E-05	1.56E-04	1.35E-04	4.50E-04	5.63E-04	6.87E-05	5.19E-05	2.92E-05	5.96E-06	0.00E+00
South Carolina	Sumter County	45085	R	Benzene	6.55E-01	7.02E-01	7.18E-01	8.88E-01	1.04E+00	1.09E+00	1.64E+00	2.33E+00	2.42E-04	1.18E-01	3.99E-01	4.83E-02	4.80E-01
South Carolina	Sumter County	45085	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Beryllium Compounds	1.73E-06	1.89E-06	2.36E-06	2.80E-06	3.93E-06	5.20E-06	7.28E-06	8.77E-06	1.09E-06	2.66E-06	0.00E+00	1.72E-07	0.00E+00
South Carolina	Sumter County	45085	R	1,3-Butadiene	6.41E-03	7.56E-03	8.58E-03	2.06E-02	3.81E-02	3.64E-02	9.28E-02	1.69E-01	0.00E+00	3.12E-03	3.12E-02	3.75E-03	0.00E+00
South Carolina	Sumter County	45085	R	Cadmium Compounds	8.08E-06	1.08E-05	1.38E-05	1.81E-05	2.13E-05	2.25E-05	2.55E-05	2.60E-05	3.35E-06	1.77E-05	0.00E+00	1.71E-07	0.00E+00
South Carolina	Sumter County	45085	R	Carbon Disulfide	4.86E-02	4.96E-02	5.00E-02	5.12E-02	5.21E-02	5.18E-02	5.31E-02	6.12E-02	2.67E-03	2.38E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Sumter County	45085	R	Carbon Tetrachloride	8.82E-01	8.82E-01	8.83E-01	8.84E-01	8.84E-01	8.85E-01	8.85E-01	8.86E-01	3.82E-03	7.86E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Sumter County	45085	R	Chloroform	9.41E-02	9.89E-02	1.05E-01	1.20E-01	1.16E-01	1.26E-01	1.28E-01	1.31E-01	1.96E-02	1.38E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Sumter County	45085	R	Chromium Compounds (includes Hexavalent)	8.33E-05	1.05E-04	1.36E-04	2.23E-04	2.59E-04	2.99E-04	4.68E-04	5.02E-04	1.36E-04	9.86E-05	2.37E-05	6.42E-07	0.00E+00
South Carolina	Sumter County	45085	R	Chromium VI	3.16E-05	3.37E-05	4.61E-05	8.11E-05	9.83E-05	1.16E-04	1.77E-04	2.47E-04	4.73E-05	4.14E-05	9.47E-06	2.18E-07	0.00E+00
South Carolina	Sumter County	45085	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	1,4-Dichlorobenzene	5.38E-03	6.08E-03	8.35E-03	2.25E-02	2.17E-02	3.31E-02	3.43E-02	4.35E-02	1.67E-07	2.17E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	1,3-Dichloropropene	1.02E-02	1.20E-02	1.63E-02	4.53E-02	4.36E-02	6.71E-02	6.97E-02	8.82E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.19E-08	5.93E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Sumter County	45085	R	Ethylene Dichloride	6.12E-02	6.12E-02	6.14E-02	6.15E-02	6.14E-02	6.15E-02	6.16E-02	6.16E-02	3.43E-04	7.84E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Sumter County	45085	R	Ethylene Oxide	8.77E-05	8.95E-05	1.34E-04	2.14E-04	1.03E-03	1.10E-03	4.06E-03	4.43E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Sumter County	45085	R	Formaldehyde	3.90E-01	3.96E-01	4.30E-01	4.78E-01	5.62E-01	5.63E-01	8.46E-01	1.12E+00	1.20E-02	7.03E-02	1.91E-01	3.86E-02	2.50E-01
South Carolina	Sumter County	45085	R	Hexachlorobenzene	9.32E-05	9.33E-05	9.33E-05	9.39E-05	9.39E-05	9.43E-05	9.47E-05	9.48E-05	0.00E+00	9.09E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Sumter County	45085	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.35E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Sumter County	45085	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-07	1.48E-06	4.03E-06	4.48E-06	9.66E-07	7.85E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Hydrazine	1.28E-09	2.18E-09	4.13E-09	3.39E-08	1.91E-07	9.52E-08	1.78E-07	1.12E-06	0.00E+00	1.91E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Lead Compounds	4.58E-04	4.72E-04	5.89E-04	1.34E-03	1.25E-03	1.49E-03	1.94E-03	2.19E-03	2.45E-05	9.25E-04	0.00E+00	2.99E-04	0.00E+00
South Carolina	Sumter County	45085	R	Manganese Compounds	5.12E-04	5.24E-04	6.54E-04	1.00E-03	4.51E-03	1.86E-03	3.24E-03	4.40E-03	4.97E-04	4.01E-03	7.69E-06	5.94E-07	0.00E+00
South Carolina	Sumter County	45085	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.61E-03	1.63E-03	4.85E-06	1.30E-05	2.93E-05	4.96E-06	1.50E-03
South Carolina	Sumter County	45085	R	Methylene Chloride	1.71E-01	1.75E-01	1.90E-01	2.31E-01	2.56E-01	3.09E-01	3.33E-01	4.20E-01	5.50E-03	1.00E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	Sumter County	45085	R	Nickel Compounds	4.69E-05	8.51E-05	1.10E-04	2.98E-04	3.31E-04	3.95E-04	8.44E-04	9.13E-04	2.55E-04	5.65E-05	1.78E-05	9.89E-07	0.00E+00
South Carolina	Sumter County	45085	R	Perchloroethylene	1.55E-01	1.56E-01	1.65E-01	2.31E-01	2.49E-01	3.08E-01	3.51E-01	3.85E-01	6.85E-04	1.09E-01	0.00E+00	0.00E+00	1.40E-01
South Carolina	Sumter County	45085	R	Polychlorinated Biphenyls	3.99E-04	4.08E-04	4.15E-04	4.87E-04	4.86E-04	5.31E-04	5.79E-04	5.89E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	3.80E-04
South Carolina	Sumter County	45085	R	Polycyclic Organic Matter	1.69E-02	1.92E-02	2.43E-02	4.39E-02	9.09E-02	1.36E-01	2.45E-01	3.02E-01	5.62E-02	2.54E-02	8.58E-03	7.24E-04	0.00E+00
South Carolina	Sumter County	45085	R	7-PAH	8.02E-04	8.56E-04	9.32E-04	1.52E-03	1.53E-03	1.91E-03	2.36E-03	2.42E-03	1.72E-07	1.46E-03	5.42E-05	9.73E-06	0.00E+00
South Carolina	Sumter County	45085	R	Propylene Dichloride	3.65E-06	4.24E-06	5.89E-06	7.58E-06	1.07E-05	8.91E-06	1.69E-05	3.42E-05	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Quinoline	4.74E-08	4.85E-08	1.03E-07	2.50E-07	6.88E-07	5.51E-07	8.69E-07	3.51E-06	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	1,1,2,2-Tetrachloroethane	1.30E-05	1.33E-05	2.69E-05	3.00E-05	3.89E-05	4.77E-05	6.02E-05	7.55E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Sumter County	45085	R	Trichloroethylene	8.32E-02	8.35E-02	8.41E-02	8.68E-02	9.43E-02	9.97E-02	1.10E-01	1.10E-01	6.79E-04	1.26E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	Sumter County	45085	R	Vinyl Chloride	3.92E-05	4.56E-05	7.29E-05	9.01E-05	1.16E-04	1.46E-04	1.88E-04	2.35E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Acetaldehyde	6.77E-02	6.77E-02	1.25E-01	1.49E-01	1.54E-01	1.56E-01	2.87E-01	2.87E-01	5.83E-03	1.45E-02	1.24E-01	9.14E-03	0.00E+00
South Carolina	Union County	45087	R	Acrolein	2.25E-02	2.25E-02	2.90E-02	3.45E-02	3.64E-02	4.22E-02	6.01E-02	6.01E-02	1.65E-05	1.89E-02	1.57E-02	1.77E-03	0.00E+00
South Carolina	Union County	45087	R	Acrylonitrile	5.70E-05	5.70E-05	2.43E-04	4.93E-04	6.38E-04	8.73E-04	2.12E-03	2.12E-03	8.31E-05	5.55E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Arsenic Compounds	9.46E-06	9.46E-06	1.82E-05	2.30E-05	3.12E-05	3.82E-05	7.57E-05	7.57E-05	4.23E-06	6.43E-06	1.82E-05	2.37E-06	0.00E+00
South Carolina	Union County	45087	R	Benzene	5.92E-01	5.92E-01	6.77E-01	7.04E-01	8.07E-01	9.27E-01	1.31E+00	1.31E+00	2.23E-04	1.14E-01	1.86E-01	2.63E-02	4.80E-01
South Carolina	Union County	45087	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Beryllium Compounds	1.08E-06	1.08E-06	1.14E-06	1.30E-06	2.20E-06	2.61E-06	4.93E-06	4.93E-06	3.05E-07	1.24E-06	0.00E+00	6.53E-07	0.00E+00
South Carolina	Union County	45087	R	1,3-Butadiene	6.14E-03	6.14E-03	7.34E-03	1.11E-02	2.02E-02	3.00E-02	6.37E-02	6.37E-02	5.07E-08	5.41E-03	1.22E-02	2.54E-03	0.00E+00
South Carolina	Union County	45087	R	Cadmium Compounds	1.78E-06	1.78E-06	1.97E-06	2.43E-06	3.61E-06	4.14E-06	7.95E-06	7.95E-06	6.91E-07	2.27E-06	0.00E+00	6.51E-07	0.00E+00
South Carolina	Union County	45087	R	Carbon Disulfide	4.71E-02	4.71E-02	4.74E-02	4.77E-02	4.85E-02	4.94E-02	5.32E-02	5.32E-02	5.02E-05	1.48E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Union County	45087	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.56E-08	5.40E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Union County	45087	R	Chloroform	8.51E-02	8.51E-02	8.82E-02	8.92E-02	9.64E-02	1.04E-01	1.24E-01	1.24E-01	4.37E-07	1.34E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	Union County	45087	R	Chromium Compounds (includes Hexavalent)	7.70E-06	7.70E-06	2.11E-05	3.89E-05	3.90E-05	5.03E-05	7.43E-05	7.43E-05	1.22E-06	2.54E-05	1.19E-05	5.52E-07	0.00E+00
South Carolina	Union County	45087	R	Chromium VI	3.44E-06	3.44E-06	8.28E-06	1.20E-05	1.38E-05	1.84E-05	3.03E-05	3.03E-05	4.69E-07	8.32E-06	4.78E-06	1.88E-07	0.00E+00
South Carolina	Union County	45087	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	1,4-Dichlorobenzene	1.79E-03	1.79E-03	4.33E-03	4.86E-03	9.56E-03	1.47E-02	2.90E-02	2.90E-02	3.47E-06	9.56E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	1,3-Dichloropropene	3.43E-03	3.43E-03	8.42E-03	9.27E-03	1.90E-02	2.95E-02	5.86E-02	5.86E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.03E-08	6.31E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Union County	45087	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.13E-02	6.13E-02	4.45E-06	7.33E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Union County	45087	R	Ethylene Oxide	1.11E-03	1.11E-03	1.33E-03	1.91E-03	2.88E-03	2.81E-03	1.06E-02	1.06E-02	2.46E-03	4.15E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Formaldehyde	3.57E-01	3.57E-01	4.04E-01	4.21E-01	4.51E-01	4.86E-01	6.54E-01	6.54E-01	4.97E-03	7.66E-02	1.01E-01	1.89E-02	2.50E-01
South Carolina	Union County	45087	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.37E-05	9.41E-05	9.54E-05	9.54E-05	0.00E+00	6.95E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Union County	45087	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.11E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	Union County	45087	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Hydrazine	3.10E-10	3.10E-10	3.39E-09	8.31E-09	1.23E-07	1.55E-07	6.62E-07	6.62E-07	0.00E+00	1.23E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Lead Compounds	3.63E-05	3.63E-05	7.60E-05	1.08E-04	1.21E-04	1.45E-04	2.38E-04	2.38E-04	1.10E-05	5.62E-05	0.00E+00	5.41E-05	0.00E+00
South Carolina	Union County	45087	R	Manganese Compounds	5.91E-05	5.91E-05	9.60E-05	3.50E-04	3.64E-04	5.76E-04	9.58E-04	9.58E-04	4.24E-06	3.56E-04	3.78E-06	3.22E-07	0.00E+00
South Carolina	Union County	45087	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.58E-03	1.58E-03	6.21E-07	4.74E-06	2.06E-05	2.57E-06	1.50E-03
South Carolina	Union County	45087	R	Methylene Chloride	1.60E-01	1.60E-01	1.71E-01	1.74E-01	1.98E-01	2.14E-01	3.01E-01	3.01E-01	2.44E-04	4.79E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Union County	45087	R	Nickel Compounds	7.70E-06	7.70E-06	4.38E-05	6.38E-05	6.02E-05	7.08E-05	9.85E-05	9.85E-05	2.21E-06	4.84E-05	8.92E-06	6.21E-07	0.00E+00
South Carolina	Union County	45087	R	Perchloroethylene	1.47E-01	1.47E-01	1.49E-01	1.53E-01	1.59E-01	1.65E-01	1.85E-01	1.85E-01	6.39E-05	1.87E-02	0.00E+00	0.00E+00	1.40E-01
South Carolina	Union County	45087	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	4.08E-04	4.10E-04	4.63E-04	5.10E-04	6.64E-04	6.64E-04	0.00E+00	8.27E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Union County	45087	R	Polycyclic Organic Matter	6.64E-03	6.64E-03	1.32E-02	1.44E-02	2.28E-02	3.20E-02	5.95E-02	5.95E-02	5.38E-06	1.81E-02	4.24E-03	5.14E-04	0.00E+00
South Carolina	Union County	45087	R	7-PAH	7.29E-04	7.29E-04	9.24E-04	1.28E-03	1.61E-03	2.12E-03	3.74E-03	3.74E-03	4.91E-08	1.58E-03	2.95E-05	6.18E-06	0.00E+00
South Carolina	Union County	45087	R	Propylene Dichloride	1.99E-06	1.99E-06	1.24E-05	2.40E-05	3.80E-05	5.42E-05	1.29E-04	1.29E-04	2.17E-06	3.58E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Quinoline	9.41E-09	9.41E-09	5.75E-08	1.15E-07	4.20E-07	6.85E-07	1.93E-06	1.93E-06	0.00E+00	4.20E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	1,1,2,2-Tetrachloroethane	1.56E-05	1.56E-05	9.33E-05	2.05E-04	3.11E-04	4.37E-04	1.13E-03	1.13E-03	1.99E-05	2.91E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Union County	45087	R	Trichloroethylene	8.18E-02	8.18E-02	8.29E-02	8.31E-02	8.56E-02	8.68E-02	9.76E-02	9.76E-02	4.86E-05	4.56E-03	0.00E+00	0.00E+00	8.10E-02
South Carolina	Union County	45087	R	Vinyl Chloride	3.91E-05	3.91E-05	2.35E-04	7.61E-04	9.17E-04	1.25E-03	2.94E-03	2.94E-03	4.89E-05	8.68E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Acetaldehyde	5.70E-02	5.95E-02	6.62E-02	7.79E-02	8.40E-02	9.30E-02	1.24E-01	1.37E-01	7.78E-03	1.40E-02	5.14E-02	1.09E-02	0.00E+00
South Carolina	Williamsburg County	45089	R	Acrolein	1.68E-02	1.79E-02	1.92E-02	2.19E-02	2.20E-02	2.26E-02	2.78E-02	3.05E-02	2.88E-04	1.36E-02	6.32E-03	1.74E-03	0.00E+00
South Carolina	Williamsburg County	45089	R	Acrylonitrile	6.66E-06	9.94E-06	1.71E-05	2.98E-05	3.31E-05	4.70E-05	6.57E-05	6.87E-05	4.10E-06	2.90E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Arsenic Compounds	1.23E-05	1.24E-05	1.93E-05	2.57E-05	2.64E-05	3.74E-05	3.88E-05	3.97E-05	1.60E-05	1.77E-06	6.33E-06	2.31E-06	0.00E+00
South Carolina	Williamsburg County	45089	R	Benzene	5.63E-01	5.66E-01	5.76E-01	6.00E-01	6.06E-01	6.15E-01	6.69E-01	7.16E-01	2.02E-04	4.67E-02	6.13E-02	1.77E-02	4.80E-01
South Carolina	Williamsburg County	45089	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	Williamsburg County	45089	R	Beryllium Compounds	4.85E-07	5.46E-07	7.58E-07	1.18E-06	1.27E-06	1.58E-06	2.11E-06	2.23E-06	7.60E-07	2.96E-07	0.00E+00	2.15E-07	0.00E+00
South Carolina	Williamsburg County	45089	R	1,3-Butadiene	4.30E-03	4.57E-03	4.99E-03	5.33E-03	6.59E-03	6.15E-03	1.21E-02	1.73E-02	4.04E-09	3.13E-03	2.91E-03	5.43E-04	0.00E+00
South Carolina	Williamsburg County	45089	R	Cadmium Compounds	1.41E-06	1.45E-06	2.48E-06	3.37E-06	4.31E-06	4.17E-06	1.01E-05	1.49E-05	3.40E-06	6.92E-07	0.00E+00	2.14E-07	0.00E+00
South Carolina	Williamsburg County	45089	R	Carbon Disulfide	4.78E-02	4.85E-02	4.93E-02	4.95E-02	4.99E-02	5.01E-02	5.22E-02	5.37E-02	2.91E-04	2.57E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	Williamsburg County	45089	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	3.98E-04	3.55E-05	0.00E+00	0.00E+00	8.80E-01
South Carolina	Williamsburg County	45089	R	Chloroform	8.41E-02	8.41E-02	8.43E-02	8.54E-02	8.63E-02	8.75E-02	9.02E-02	9.23E-02	1.83E-03	1.42E-03	0.00E+00	0.00E+00	8.30E-02
South Carolina	Williamsburg County	45089	R	Chromium Compounds (includes Hexavalent)	8.66E-06	8.97E-06	1.50E-05	2.02E-05	2.03E-05	2.61E-05	3.18E-05	3.60E-05	1.41E-05	1.92E-06	4.05E-06	2.12E-07	0.00E+00
South Carolina	Williamsburg County	45089	R	Chromium VI	2.81E-06	3.27E-06	4.41E-06	6.05E-06	6.23E-06	7.85E-06	9.46E-06	1.00E-05	3.66E-06	8.84E-07	1.62E-06	7.22E-08	0.00E+00
South Carolina	Williamsburg County	45089	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	1,4-Dichlorobenzene	1.77E-03	1.79E-03	1.99E-03	2.59E-03	3.11E-03	3.36E-03	5.79E-03	7.72E-03	7.53E-07	3.11E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	1,3-Dichloropropene	3.39E-03	3.45E-03	3.85E-03	5.00E-03	6.06E-03	6.54E-03	1.15E-02	1.55E-02	0.00E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.95E-09	5.37E-07	0.00E+00	0.00E+00	7.70E-03
South Carolina	Williamsburg County	45089	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.72E-05	1.48E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	Williamsburg County	45089	R	Ethylene Oxide	1.32E-05	1.35E-05	1.83E-05	3.20E-05	3.56E-05	4.42E-05	7.37E-05	9.46E-05	4.53E-07	3.52E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Formaldehyde	3.36E-01	3.46E-01	3.60E-01	3.75E-01	3.86E-01	4.02E-01	4.48E-01	4.63E-01	1.94E-02	6.37E-02	3.56E-02	1.72E-02	2.50E-01
South Carolina	Williamsburg County	45089	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.35E-05	9.37E-05	0.00E+00	2.52E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	Williamsburg County	45089	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.72E-09	9.20E-09	0.00E+00	0.00E+00	1.80E-03
South Carolina	Williamsburg County	45089	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-09	0.00E+00	4.46E-08	8.47E-08	4.52E-10	8.47E-09	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Hydrazine	5.94E-09	7.00E-09	9.67E-09	1.17E-07	1.41E-07	1.61E-07	4.13E-07	5.60E-07	0.00E+00	1.41E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Lead Compounds	3.13E-05	3.21E-05	3.58E-05	4.97E-05	6.48E-05	6.55E-05	1.45E-04	2.13E-04	1.99E-05	1.54E-05	0.00E+00	2.95E-05	0.00E+00
South Carolina	Williamsburg County	45089	R	Manganese Compounds	1.45E-04	1.71E-04	2.32E-04	3.16E-04	3.71E-04	5.30E-04	6.29E-04	7.09E-04	3.38E-04	3.14E-05	1.25E-06	2.31E-07	0.00E+00
South Carolina	Williamsburg County	45089	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	3.10E-06	9.31E-07	7.31E-06	2.19E-06	1.50E-03
South Carolina	Williamsburg County	45089	R	Methylene Chloride	1.65E-01	1.65E-01	1.66E-01	1.79E-01	1.83E-01	1.94E-01	2.07E-01	2.08E-01	2.01E-02	1.24E-02	0.00E+00	0.00E+00	1.50E-01
South Carolina	Williamsburg County	45089	R	Nickel Compounds	7.14E-06	1.11E-05	1.65E-05	3.13E-05	3.20E-05	4.36E-05	5.58E-05	5.65E-05	2.59E-05	2.57E-06	3.03E-06	5.33E-07	0.00E+00
South Carolina	Williamsburg County	45089	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.46E-01	1.47E-01	1.50E-01	1.52E-01	8.61E-05	5.58E-03	0.00E+00	0.00E+00	1.40E-01
South Carolina	Williamsburg County	45089	R	Polychlorinated Biphenyls	3.89E-04	3.90E-04	3.94E-04	4.04E-04	4.07E-04	4.10E-04	4.37E-04	4.58E-04	0.00E+00	2.71E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	Williamsburg County	45089	R	Polycyclic Organic Matter	4.80E-03	5.42E-03	6.56E-03	7.91E-03	9.24E-03	1.05E-02	1.60E-02	1.77E-02	4.50E-04	7.17E-03	1.42E-03	2.09E-04	0.00E+00
South Carolina	Williamsburg County	45089	R	7-PAH	5.48E-04	5.93E-04	6.94E-04	7.14E-04	7.56E-04	7.31E-04	1.05E-03	1.33E-03	1.60E-08	7.41E-04	1.04E-05	4.46E-06	0.00E+00
South Carolina	Williamsburg County	45089	R	Propylene Dichloride	1.57E-06	1.99E-06	3.62E-06	5.22E-06	6.58E-06	8.53E-06	1.42E-05	1.82E-05	2.28E-07	6.36E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Quinoline	1.60E-07	1.92E-07	2.40E-07	5.62E-07	6.55E-07	6.84E-07	1.53E-06	2.00E-06	0.00E+00	6.55E-07	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	1,1,2,2-Tetrachloroethane	1.59E-08	2.61E-08	5.85E-08	2.96E-06	4.90E-06	5.81E-06	1.57E-05	1.96E-05	1.85E-06	3.05E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	Williamsburg County	45089	R	Trichloroethylene	8.14E-02	8.15E-02	8.16E-02	8.18E-02	8.20E-02	8.26E-02	8.28E-02	8.30E-02	7.38E-05	9.37E-04	0.00E+00	0.00E+00	8.10E-02
South Carolina	Williamsburg County	45089	R	Vinyl Chloride	4.96E-06	8.53E-06	1.39E-05	2.60E-05	3.12E-05	3.97E-05	6.69E-05	6.82E-05	4.56E-06	2.66E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Acetaldehyde	2.25E-01	3.24E-01	5.25E-01	7.91E-01	7.97E-01	9.71E-01	1.23E+00	1.50E+00	3.55E-01	1.93E-02	3.37E-01	8.67E-02	0.00E+00
South Carolina	York County	45091	U	Acrolein	3.83E-02	5.20E-02	6.04E-02	7.93E-02	8.05E-02	9.40E-02	1.15E-01	1.28E-01	6.15E-03	1.80E-02	4.29E-02	1.35E-02	0.00E+00
South Carolina	York County	45091	U	Acrylonitrile	2.01E-04	3.06E-04	3.25E-04	3.87E-04	4.93E-04	5.26E-04	7.57E-04	8.68E-04	7.65E-06	4.86E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Arsenic Compounds	9.69E-05	1.22E-04	2.24E-04	4.20E-04	8.03E-04	1.14E-03	2.16E-03	2.49E-03	7.39E-04	1.70E-05	3.60E-05	1.15E-05	0.00E+00
South Carolina	York County	45091	U	Benzene	7.22E-01	8.54E-01	9.64E-01	1.12E+00	1.17E+00	1.33E+00	1.64E+00	1.80E+00	1.41E-03	1.31E-01	4.34E-01	1.20E-01	4.80E-01
South Carolina	York County	45091	U	Benzidine	4.94E-13	9.16E-13	1.25E-12	1.76E-12	3.24E-12	3.75E-12	8.18E-12	1.10E-11	0.00E+00	3.24E-12	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Beryllium Compounds	6.32E-06	7.74E-06	1.09E-05	1.45E-05	1.71E-05	2.04E-05	3.25E-05	4.12E-05	1.16E-05	4.83E-06	0.00E+00	5.99E-07	0.00E+00
South Carolina	York County	45091	U	1,3-Butadiene	7.71E-03	1.16E-02	1.57E-02	2.74E-02	3.52E-02	4.54E-02	7.68E-02	1.07E-01	4.32E-04	2.80E-03	2.10E-02	1.10E-02	0.00E+00
South Carolina	York County	45091	U	Cadmium Compounds	8.56E-06	1.44E-05	2.01E-05	3.36E-05	3.90E-05	4.39E-05	7.18E-05	1.07E-04	1.31E-05	2.54E-05	0.00E+00	5.97E-07	0.00E+00
South Carolina	York County	45091	U	Carbon Disulfide	4.86E-02	4.89E-02	4.99E-02	5.26E-02	5.57E-02	5.82E-02	6.28E-02	6.96E-02	3.95E-03	4.71E-03	0.00E+00	0.00E+00	4.70E-02
South Carolina	York County	45091	U	Carbon Tetrachloride	8.81E-01	8.82E-01	8.83E-01	8.84E-01	8.85E-01	8.86E-01	8.90E-01	8.94E-01	5.18E-03	1.67E-04	0.00E+00	0.00E+00	8.80E-01
South Carolina	York County	45091	U	Chloroform	9.44E-02	1.01E-01	1.06E-01	1.26E-01	1.37E-01	1.37E-01	1.61E-01	2.98E-01	3.63E-02	1.79E-02	0.00E+00	0.00E+00	8.30E-02
South Carolina	York County	45091	U	Chromium Compounds (includes Hexavalent)	1.47E-04	1.97E-04	2.38E-04	3.12E-04	3.08E-04	3.43E-04	4.35E-04	4.63E-04	1.78E-04	1.00E-04	2.79E-05	1.83E-06	0.00E+00
South Carolina	York County	45091	U	Chromium VI	4.41E-05	5.64E-05	7.40E-05	9.62E-05	9.55E-05	1.10E-04	1.31E-04	1.55E-04	4.94E-05	3.44E-05	1.11E-05	6.21E-07	0.00E+00
South Carolina	York County	45091	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	1,4-Dichlorobenzene	6.18E-03	9.46E-03	1.59E-02	2.04E-02	2.26E-02	2.91E-02	3.38E-02	3.45E-02	7.63E-06	2.26E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	1,3-Dichloropropene	1.17E-02	1.80E-02	3.09E-02	3.99E-02	4.46E-02	5.82E-02	6.77E-02	6.91E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.37E-07	1.29E-06	0.00E+00	0.00E+00	7.70E-03
South Carolina	York County	45091	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.13E-02	6.14E-02	6.15E-02	6.16E-02	6.20E-02	6.23E-02	4.61E-04	6.46E-05	0.00E+00	0.00E+00	6.10E-02
South Carolina	York County	45091	U	Ethylene Oxide	1.70E-03	2.42E-03	2.75E-03	5.04E-03	1.43E-02	1.39E-02	3.20E-02	3.36E-02	2.81E-03	1.15E-02	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Formaldehyde	4.63E-01	5.52E-01	6.04E-01	7.29E-01	7.62E-01	8.51E-01	1.11E+00	1.31E+00	4.65E-02	6.27E-02	2.48E-01	1.55E-01	2.50E-01
South Carolina	York County	45091	U	Hexachlorobenzene	9.33E-05	9.34E-05	9.36E-05	9.39E-05	9.39E-05	9.41E-05	9.43E-05	9.45E-05	5.06E-08	8.30E-07	0.00E+00	0.00E+00	9.30E-05
South Carolina	York County	45091	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.69E-08	6.03E-08	0.00E+00	0.00E+00	1.80E-03
South Carolina	York County	45091	U	Hexamethylene Diisocyanate	2.80E-06	2.12E-05	1.53E-04	4.38E-04	3.84E-04	5.57E-04	6.09E-04	8.02E-04	3.64E-04	1.96E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Hydrazine	3.51E-06	7.13E-06	1.79E-05	3.64E-05	6.19E-05	7.42E-05	1.51E-04	3.49E-04	1.06E-07	6.18E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Lead Compounds	3.82E-04	6.94E-04	9.26E-04	1.59E-03	1.97E-03	2.64E-03	2.99E-03	4.61E-03	3.04E-04	1.40E-03	0.00E+00	2.61E-04	0.00E+00
South Carolina	York County	45091	U	Manganese Compounds	3.08E-04	4.71E-04	7.42E-04	1.24E-03	1.30E-03	1.70E-03	2.22E-03	2.61E-03	9.61E-04	3.27E-04	8.69E-06	1.30E-06	0.00E+00
South Carolina	York County	45091	U	Mercury Compounds	1.52E-03	1.55E-03	1.60E-03	1.66E-03	1.69E-03	1.69E-03	1.83E-03	1.87E-03	1.07E-05	1.32E-04	3.75E-05	9.54E-06	1.50E-03
South Carolina	York County	45091	U	Methylene Chloride	1.92E-01	2.44E-01	2.81E-01	4.06E-01	6.10E-01	5.33E-01	7.59E-01	1.03E+00	3.42E-01	1.18E-01	0.00E+00	0.00E+00	1.50E-01
South Carolina	York County	45091	U	Nickel Compounds	9.47E-05	1.61E-04	1.91E-04	3.47E-04	3.59E-04	4.95E-04	6.16E-04	6.87E-04	2.64E-04	7.24E-05	2.07E-05	2.27E-06	0.00E+00
South Carolina	York County	45091	U	Perchloroethylene	1.54E-01	1.68E-01	1.77E-01	1.87E-01	1.92E-01	2.04E-01	2.30E-01	2.47E-01	1.08E-03	5.12E-02	0.00E+00	0.00E+00	1.40E-01

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for South Carolina

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Carolina	York County	45091	U	Polychlorinated Biphenyls	4.12E-04	4.26E-04	4.48E-04	4.73E-04	4.78E-04	5.08E-04	5.34E-04	5.51E-04	1.01E-12	9.83E-05	0.00E+00	0.00E+00	3.80E-04
South Carolina	York County	45091	U	Polycyclic Organic Matter	1.83E-02	2.70E-02	3.28E-02	4.45E-02	4.36E-02	5.16E-02	5.72E-02	7.19E-02	3.15E-04	3.06E-02	9.81E-03	2.91E-03	0.00E+00
South Carolina	York County	45091	U	7-PAH	1.17E-03	1.23E-03	1.45E-03	1.53E-03	1.72E-03	1.99E-03	2.38E-03	3.10E-03	3.06E-06	1.62E-03	6.51E-05	2.57E-05	0.00E+00
South Carolina	York County	45091	U	Propylene Dichloride	1.09E-05	1.32E-05	1.66E-05	1.94E-05	3.03E-05	3.07E-05	3.78E-05	1.40E-04	3.45E-07	3.00E-05	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Quinoline	1.00E-07	1.20E-07	2.27E-07	7.15E-07	1.29E-06	1.11E-06	2.85E-06	3.38E-06	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	1,1,2,2-Tetrachloroethane	3.74E-05	4.25E-05	6.02E-05	8.66E-05	1.59E-04	1.90E-04	2.91E-04	4.22E-04	5.57E-07	1.58E-04	0.00E+00	0.00E+00	0.00E+00
South Carolina	York County	45091	U	Trichloroethylene	8.42E-02	8.68E-02	9.01E-02	9.24E-02	9.38E-02	9.70E-02	1.03E-01	1.09E-01	9.64E-04	1.19E-02	0.00E+00	0.00E+00	8.10E-02
South Carolina	York County	45091	U	Vinyl Chloride	2.02E-04	2.19E-04	2.51E-04	2.82E-04	4.71E-04	5.28E-04	7.70E-04	1.06E-03	1.06E-06	4.70E-04	0.00E+00	0.00E+00	0.00E+00