US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Puerto Rico: 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 Puerto Rico

					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
Puerto Rico	Statewide	N/A	N/A	Acetaldehyde	3.89E-01	5.26E-01	7.42E-01	1.03E+00	1.07E+00	1.34E+00	1.65E+00	1.81E+00	4.15E-05	4.73E-02	5.65E-01	4.62E-01	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Acrolein	3.62E-02	4.88E-02	7.17E-02	1.01E-01	1.09E-01	1.43E-01	1.71E-01	1.97E-01	8.71E-05	1.74E-02	3.80E-02	5.38E-02	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Acrylonitrile	5.14E-05	7.25E-05	9.95E-05	1.25E-04	1.60E-04	1.70E-04	2.27E-04	3.24E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Arsenic Compounds	3.14E-05	3.73E-05	5.74E-05	9.25E-05	1.71E-04	1.69E-04	3.15E-04	5.29E-04	6.66E-07	6.88E-05	9.98E-05	2.10E-06	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Benzene	9.46E-01	1.07E+00	1.34E+00	1.74E+00	1.90E+00	2.35E+00	2.93E+00	3.35E+00	9.27E-03	6.00E-02	6.15E-01	7.33E-01	4.80E-01
Puerto Rico	Statewide	N/A	N/A	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
Puerto Rico	Statewide	N/A	N/A	Beryllium Compounds	1.91E-07	2.30E-07	3.08E-07	4.86E-07	7.44E-07	7.90E-07	1.51E-06	2.13E-06	1.26E-07	5.76E-07	0.00E+00	4.17E-08	0.00E+00
Puerto Rico	Statewide	N/A	N/A	1,3-Butadiene	2.61E-02	3.33E-02	5.13E-02	8.48E-02	1.05E-01	1.41E-01	2.03E-01	2.42E-01	7.26E-05	6.99E-03	4.75E-02	5.09E-02	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Cadmium Compounds	5.61E-07	6.40E-07	1.09E-06	4.44E-06	1.50E-05	1.32E-05	2.92E-05	4.69E-05	1.31E-05	1.29E-06	0.00E+00	5.83E-07	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Carbon Disulfide	4.80E-02	4.82E-02	4.87E-02	4.93E-02	5.04E-02	5.05E-02	5.27E-02	5.47E-02	1.03E-03	2.35E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.89E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Statewide	N/A	N/A	Chloroform	8.44E-02	8.48E-02	8.57E-02	8.87E-02	9.51E-02	9.43E-02	1.06E-01	1.20E-01	4.77E-03	7.33E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	2.08E-04	2.50E-04	3.62E-04	5.33E-04	7.38E-04	7.95E-04	1.35E-03	1.83E-03	3.14E-06	5.29E-04	1.04E-04	1.02E-04	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Chromium VI	1.49E-04	1.92E-04	2.77E-04	3.83E-04	5.37E-04	5.37E-04	9.13E-04	1.33E-03	9.74E-07	4.60E-04	4.17E-05	3.45E-05	0.00E+00
Puerto Rico	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
Puerto Rico	Statewide	N/A	N/A	1,4-Dichlorobenzene	1.79E-02	2.32E-02	3.56E-02	5.21E-02	6.30E-02	8.74E-02	1.15E-01	1.38E-01	0.00E+00	6.30E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Statewide	N/A	N/A	1,3-Dichloropropene	3.27E-02	4.16E-02	6.56E-02	9.71E-02	1.18E-01	1.63E-01	2.16E-01	2.62E-01	0.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	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	0.00E+00	1.41E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.89E-05	1.34E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Statewide	N/A	N/A	Ethylene Oxide	8.50E-04	1.21E-03	1.72E-03	2.47E-03	1.46E-02	4.28E-03	1.03E-02	1.37E-02	9.28E-03	5.27E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Formaldehyde	6.49E-01	7.42E-01	9.40E-01	1.31E+00	1.38E+00	1.66E+00	2.01E+00	2.29E+00	6.78E-04	9.33E-02	3.73E-01	6.59E-01	2.50E-01
Puerto Rico	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.79E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	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	0.00E+00	2.98E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Statewide	N/A	N/A	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
Puerto Rico	Statewide	N/A	N/A	Hydrazine	2.78E-09	4.60E-09	9.37E-09	1.61E-08	3.89E-08	3.03E-08	7.90E-08	1.68E-07	0.00E+00	3.89E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Lead Compounds	9.91E-05	1.21E-04	1.62E-04	3.16E-04	9.01E-04	8.43E-04	2.24E-03	3.97E-03	1.14E-04	1.53E-04	1.40E-04	4.94E-04	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Manganese Compounds	6.05E-05	8.55E-05	1.48E-04	2.43E-04	9.23E-04	4.97E-04	2.60E-03	4.52E-03	4.90E-06	7.67E-04	3.36E-05	1.18E-04	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Mercury Compounds	1.54E-03	1.55E-03	1.58E-03	1.64E-03	1.74E-03	1.76E-03	1.96E-03	2.13E-03	1.16E-04	8.57E-06	8.23E-05	3.50E-05	1.50E-03
Puerto Rico	Statewide	N/A	N/A	Methylene Chloride	2.58E-01	2.94E-01	3.72E-01	4.85E-01	9.29E-01	6.36E-01	1.07E+00	1.90E+00	5.15E-01	2.64E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Statewide	N/A	N/A	Nickel Compounds	1.88E-04	2.76E-04	6.95E-04	1.10E-03	2.24E-03	2.50E-03	5.07E-03	6.38E-03	1.48E-03	5.13E-04	7.67E-05	1.66E-04	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Perchloroethylene	1.81E-01	1.91E-01	2.10E-01	2.44E-01	3.58E-01	3.09E-01	4.79E-01	9.18E-01	0.00E+00	2.18E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	7.57E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Statewide	N/A	N/A	Polycyclic Organic Matter	1.71E-02	2.04E-02	3.08E-02	4.65E-02	5.51E-02	7.36E-02	9.81E-02	1.19E-01	5.84E-04	3.81E-02	1.31E-02	3.30E-03	0.00E+00
Puerto Rico	Statewide	N/A	N/A	7-PAH	2.32E-04	2.93E-04	3.94E-04	5.41E-04	6.70E-04	7.33E-04	1.02E-03	1.30E-03	5.26E-07	4.71E-04	5.38E-05	1.45E-04	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Propylene Dichloride	1.96E-06	2.74E-06	3.90E-06	4.92E-06	6.26E-06	6.73E-06	9.36E-06	1.38E-05	0.00E+00	6.26E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Quinoline	3.57E-08	5.18E-08	8.68E-08	1.21E-07	1.72E-07	1.67E-07	2.90E-07	4.97E-07	0.00E+00	1.72E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	2.32E-07	3.21E-07	4.50E-07	5.64E-07	7.22E-07	7.60E-07	1.04E-06	1.47E-06	0.00E+00	7.22E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Statewide	N/A	N/A	Trichloroethylene	9.28E-02	9.63E-02	1.02E-01	1.09E-01	1.23E-01	1.21E-01	1.48E-01	2.02E-01	0.00E+00	4.18E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Statewide	N/A	N/A	Vinyl Chloride	2.19E-06	3.16E-06	4.54E-06	5.91E-06	7.85E-06	8.13E-06	1.31E-05	1.95E-05	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Acetaldehyde	4.37E-01	5.73E-01	8.12E-01	1.11E+00	1.14E+00	1.42E+00	1.69E+00	1.86E+00	4.77E-05	4.96E-02	5.94E-01	5.00E-01	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Acrolein	3.90E-02	5.56E-02	8.19E-02	1.12E-01	1.17E-01	1.48E-01	1.77E-01	2.02E-01	9.38E-05	1.84E-02	3.98E-02	5.89E-02	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Acrylonitrile	5.06E-05	7.80E-05	1.03E-04	1.32E-04	1.70E-04	1.75E-04	2.43E-04	3.53E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Arsenic Compounds	3.72E-05	4.57E-05	6.69E-05	1.08E-04	1.94E-04	1.90E-04	3.41E-04	5.98E-04	7.60E-07	8.11E-05	1.10E-04	2.48E-06	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Benzene	1.01E+00	1.14E+00	1.46E+00	1.91E+00	2.02E+00	2.48E+00	3.03E+00	3.39E+00	9.93E-03	6.38E-02	6.62E-01	8.01E-01	4.80E-01
Puerto Rico	All Urban Counties	N/A	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
Puerto Rico	All Urban Counties	N/A	U	Beryllium Compounds	1.97E-07	2.43E-07	3.50E-07	5.40E-07	8.21E-07	9.15E-07	1.67E-06	2.36E-06	1.43E-07	6.29E-07	0.00E+00	4.94E-08	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	1,3-Butadiene	3.29E-02	3.98E-02	6.17E-02	1.01E-01	1.17E-01	1.55E-01	2.10E-01	2.56E-01	8.31E-05	7.62E-03	5.25E-02	5.64E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	All Urban Counties	N/A	U	Cadmium Compounds	5.97E-07	7.26E-07	1.32E-06	6.41E-06	1.73E-05	1.54E-05	3.24E-05	5.20E-05	1.52E-05	1.40E-06	0.00E+00	6.90E-07	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Carbon Disulfide	4.80E-02	4.83E-02	4.88E-02	4.94E-02	5.05E-02	5.07E-02	5.28E-02	5.48E-02	1.05E-03	2.49E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	All Urban Counties	N/A	U	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	0.00E+00	5.17E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	All Urban Counties	N/A	U	Chloroform	8.46E-02	8.50E-02	8.61E-02	8.94E-02	9.66E-02	9.56E-02	1.10E-01	1.22E-01	5.29E-03	8.27E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	2.28E-04	2.89E-04	4.27E-04	5.87E-04	8.13E-04	8.73E-04	1.45E-03	1.97E-03	3.67E-06	5.84E-04	1.15E-04	1.10E-04	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Chromium VI	1.68E-04	2.16E-04	3.07E-04	4.17E-04	5.89E-04	6.04E-04	1.02E-03	1.49E-03	1.13E-06	5.04E-04	4.60E-05	3.75E-05	0.00E+00
Puerto Rico	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
Puerto Rico	All Urban Counties	N/A	U	1,4-Dichlorobenzene	2.05E-02	2.67E-02	4.01E-02	6.01E-02	6.86E-02	9.23E-02	1.21E-01	1.40E-01	0.00E+00	6.86E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	1,3-Dichloropropene	3.72E-02	4.96E-02	7.38E-02	1.12E-01	1.29E-01	1.74E-01	2.28E-01	2.67E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	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	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	7.38E-05	1.42E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	All Urban Counties	N/A	U	Ethylene Oxide	7.94E-04	1.19E-03	1.65E-03	2.38E-03	6.81E-03	4.39E-03	1.04E-02	1.37E-02	9.79E-04	5.83E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Formaldehyde	7.00E-01	8.12E-01	1.06E+00	1.42E+00	1.47E+00	1.73E+00	2.07E+00	2.40E+00	7.37E-04	9.91E-02	3.98E-01	7.19E-01	2.50E-01
Puerto Rico	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.00E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	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	0.00E+00	3.14E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	All Urban Counties	N/A	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
Puerto Rico	All Urban Counties	N/A	U	Hydrazine	2.68E-09	4.55E-09	9.85E-09	1.79E-08	4.37E-08	3.56E-08	9.52E-08	1.83E-07	0.00E+00	4.37E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Lead Compounds	1.18E-04	1.38E-04	1.94E-04	4.37E-04	1.04E-03	1.03E-03	2.74E-03	4.16E-03	1.33E-04	1.68E-04	1.55E-04	5.84E-04	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Manganese Compounds	6.56E-05	9.09E-05	1.45E-04	2.23E-04	9.01E-04	3.83E-04	2.53E-03	4.57E-03	5.60E-06	7.30E-04	3.71E-05	1.28E-04	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Mercury Compounds	1.55E-03	1.56E-03	1.59E-03	1.67E-03	1.77E-03	1.79E-03	2.01E-03	2.18E-03	1.35E-04	9.23E-06	9.08E-05	3.86E-05	1.50E-03
Puerto Rico	All Urban Counties	N/A	U	Methylene Chloride	2.66E-01	3.03E-01	3.83E-01	4.90E-01	9.97E-01	6.36E-01	1.08E+00	2.33E+00	5.59E-01	2.88E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	All Urban Counties	N/A	U	Nickel Compounds	2.22E-04	3.24E-04	7.09E-04	1.10E-03	2.38E-03	2.69E-03	5.17E-03	7.01E-03	1.53E-03	5.80E-04	8.45E-05	1.92E-04	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Perchloroethylene	1.82E-01	1.96E-01	2.19E-01	2.56E-01	3.86E-01	3.33E-01	5.51E-01	1.00E+00	0.00E+00	2.46E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	8.89E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.93E-02	2.40E-02	3.56E-02	5.32E-02	6.04E-02	7.97E-02	1.03E-01	1.23E-01	6.52E-04	4.14E-02	1.45E-02	3.88E-03	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	7-PAH	2.56E-04	3.20E-04	4.33E-04	5.71E-04	7.22E-04	7.79E-04	1.07E-03	1.41E-03	5.86E-07	5.03E-04	5.92E-05	1.59E-04	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Propylene Dichloride	1.95E-06	2.96E-06	4.02E-06	5.20E-06	6.65E-06	7.07E-06	1.02E-05	1.46E-05	0.00E+00	6.65E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Quinoline	3.80E-08	5.07E-08	9.45E-08	1.27E-07	1.86E-07	1.79E-07	3.62E-07	5.79E-07	0.00E+00	1.86E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	2.32E-07	3.29E-07	4.60E-07	5.94E-07	7.63E-07	7.84E-07	1.09E-06	1.60E-06	0.00E+00	7.63E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Urban Counties	N/A	U	Trichloroethylene	9.28E-02	9.75E-02	1.03E-01	1.11E-01	1.26E-01	1.24E-01	1.63E-01	2.15E-01	0.00E+00	4.54E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	All Urban Counties	N/A	U	Vinyl Chloride	2.22E-06	3.30E-06	4.82E-06	6.13E-06	8.41E-06	8.54E-06	1.50E-05	2.10E-05	0.00E+00	8.41E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Acetaldehyde	3.16E-01	3.65E-01	5.46E-01	6.74E-01	7.03E-01	8.50E-01	1.07E+00	1.15E+00	8.79E-06	3.49E-02	4.08E-01	2.60E-01	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Acrolein	2.78E-02	3.53E-02	5.27E-02	7.02E-02	6.72E-02	8.35E-02	9.66E-02	1.02E-01	5.12E-05	1.20E-02	2.86E-02	2.65E-02	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Acrylonitrile	5.19E-05	6.55E-05	8.49E-05	1.06E-04	1.12E-04	1.39E-04	1.74E-04	1.86E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Arsenic Compounds	1.49E-05	2.40E-05	3.35E-05	4.52E-05	4.89E-05	6.64E-05	7.70E-05	8.30E-05	1.66E-07	3.53E-06	4.51E-05	4.54E-08	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Benzene	7.99E-01	9.20E-01	1.05E+00	1.23E+00	1.26E+00	1.44E+00	1.68E+00	1.73E+00	5.77E-03	3.98E-02	3.61E-01	3.70E-01	4.80E-01
Puerto Rico	All Rural Counties	N/A	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
Puerto Rico	All Rural Counties	N/A	R	Beryllium Compounds	1.47E-07	1.97E-07	2.36E-07	3.00E-07	3.34E-07	4.22E-07	5.60E-07	5.99E-07	4.00E-08	2.93E-07	0.00E+00	6.99E-10	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	1,3-Butadiene	1.74E-02	2.12E-02	2.94E-02	3.96E-02	4.55E-02	5.86E-02	8.27E-02	8.79E-02	1.70E-05	3.65E-03	2.06E-02	2.12E-02	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Cadmium Compounds	3.56E-07	4.89E-07	6.13E-07	9.68E-07	2.41E-06	2.97E-06	7.44E-06	9.63E-06	1.68E-06	7.26E-07	0.00E+00	9.71E-09	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Carbon Disulfide	4.78E-02	4.81E-02	4.84E-02	4.87E-02	4.95E-02	4.97E-02	5.22E-02	5.32E-02	9.34E-04	1.57E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	All Rural Counties	N/A	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	0.00E+00	3.41E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	All Rural Counties	N/A	R	Chloroform	8.41E-02	8.44E-02	8.49E-02	8.56E-02	8.73E-02	8.91E-02	9.15E-02	9.58E-02	2.03E-03	2.31E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	1.51E-04	1.72E-04	2.45E-04	3.36E-04	3.37E-04	4.16E-04	4.91E-04	5.87E-04	3.47E-07	2.34E-04	4.79E-05	5.48E-05	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Chromium VI	9.70E-05	1.40E-04	1.92E-04	2.51E-04	2.61E-04	3.16E-04	3.87E-04	4.65E-04	1.26E-07	2.23E-04	1.92E-05	1.86E-05	0.00E+00
Puerto Rico	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
Puerto Rico	All Rural Counties	N/A	R	1,4-Dichlorobenzene	1.23E-02	1.63E-02	2.27E-02	3.17E-02	3.33E-02	4.24E-02	5.46E-02	5.97E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	1,3-Dichloropropene	2.23E-02	2.98E-02	4.11E-02	5.83E-02	6.13E-02	7.92E-02	1.01E-01	1.12E-01	0.00E+00	6.13E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	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	0.00E+00	8.09E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.12E-02	6.13E-02	4.25E-05	9.07E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	All Rural Counties	N/A	R	Ethylene Oxide	1.12E-03	1.47E-03	2.22E-03	2.72E-03	5.58E-02	3.39E-03	6.86E-03	2.82E-02	5.35E-02	2.27E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Formaldehyde	5.07E-01	5.98E-01	7.21E-01	8.30E-01	8.88E-01	1.07E+00	1.28E+00	1.37E+00	3.66E-04	6.22E-02	2.39E-01	3.36E-01	2.50E-01
Puerto Rico	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.69E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	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	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	All Rural Counties	N/A	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
Puerto Rico	All Rural Counties	N/A	R	Hydrazine	3.61E-09	4.77E-09	8.01E-09	1.05E-08	1.34E-08	1.50E-08	2.67E-08	3.75E-08	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Lead Compounds	7.25E-05	8.71E-05	1.11E-04	1.32E-04	1.59E-04	1.83E-04	3.01E-04	3.52E-04	1.43E-05	7.15E-05	6.13E-05	1.16E-05	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Manganese Compounds	4.96E-05	6.74E-05	2.26E-04	4.43E-04	1.04E-03	1.55E-03	2.76E-03	3.70E-03	1.14E-06	9.62E-04	1.49E-05	6.11E-05	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Mercury Compounds	1.52E-03	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.59E-03	1.64E-03	1.66E-03	1.49E-05	5.02E-06	3.71E-05	1.60E-05	1.50E-03
Puerto Rico	All Rural Counties	N/A	R	Methylene Chloride	2.14E-01	2.58E-01	3.05E-01	4.57E-01	5.64E-01	6.20E-01	1.05E+00	1.57E+00	2.78E-01	1.36E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	All Rural Counties	N/A	R	Nickel Compounds	1.45E-04	1.60E-04	4.61E-04	1.09E-03	1.47E-03	1.57E-03	2.68E-03	3.11E-03	1.26E-03	1.55E-04	3.52E-05	2.80E-05	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Perchloroethylene	1.76E-01	1.83E-01	1.91E-01	2.05E-01	2.10E-01	2.21E-01	2.48E-01	2.65E-01	0.00E+00	6.96E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	4.99E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	All Rural Counties	N/A	R	Polycyclic Organic Matter	9.86E-03	1.57E-02	1.96E-02	2.55E-02	2.69E-02	3.41E-02	4.25E-02	4.41E-02	2.21E-04	2.04E-02	6.08E-03	1.97E-04	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	All Rural Counties	N/A	R	7-PAH	1.80E-04	2.11E-04	3.07E-04	3.74E-04	3.89E-04	4.61E-04	5.82E-04	6.52E-04	2.02E-07	2.98E-04	2.49E-05	6.62E-05	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Propylene Dichloride	1.96E-06	2.37E-06	3.25E-06	3.98E-06	4.20E-06	5.16E-06	6.52E-06	7.02E-06	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Quinoline	2.83E-08	5.61E-08	7.17E-08	9.13E-08	9.65E-08	1.17E-07	1.55E-07	1.70E-07	0.00E+00	9.65E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	2.35E-07	2.96E-07	3.84E-07	4.81E-07	5.07E-07	6.31E-07	7.93E-07	8.41E-07	0.00E+00	5.07E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	All Rural Counties	N/A	R	Trichloroethylene	9.26E-02	9.44E-02	9.83E-02	1.02E-01	1.04E-01	1.09E-01	1.17E-01	1.20E-01	0.00E+00	2.27E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	All Rural Counties	N/A	R	Vinyl Chloride	2.01E-06	2.75E-06	3.73E-06	4.54E-06	4.85E-06	5.91E-06	7.57E-06	8.53E-06	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Acetaldehyde	5.45E-01	5.45E-01	5.92E-01	7.35E-01	8.28E-01	1.09E+00	1.27E+00	1.27E+00	0.00E+00	4.41E-02	4.90E-01	2.94E-01	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Acrolein	5.76E-02	5.76E-02	6.13E-02	6.84E-02	7.36E-02	9.22E-02	9.34E-02	9.34E-02	0.00E+00	1.44E-02	3.29E-02	2.63E-02	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Acrylonitrile	1.04E-04	1.04E-04	1.05E-04	1.19E-04	1.17E-04	1.28E-04	1.31E-04	1.31E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Arsenic Compounds	2.89E-05	2.89E-05	3.00E-05	3.47E-05	4.38E-05	6.70E-05	6.76E-05	6.76E-05	0.00E+00	1.57E-06	4.21E-05	1.05E-07	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Benzene	1.00E+00	1.00E+00	1.03E+00	1.09E+00	1.28E+00	1.73E+00	1.74E+00	1.74E+00	9.60E-05	4.32E-02	3.80E-01	3.75E-01	4.80E-01
Puerto Rico	Adjuntas Municipio	72001	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
Puerto Rico	Adjuntas Municipio	72001	R	Beryllium Compounds	2.46E-07	2.46E-07	2.51E-07	2.92E-07	2.87E-07	3.17E-07	3.24E-07	3.24E-07	0.00E+00	2.85E-07	0.00E+00	1.69E-09	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	1,3-Butadiene	2.07E-02	2.07E-02	2.13E-02	2.51E-02	4.39E-02	8.54E-02	8.58E-02	8.58E-02	0.00E+00	3.14E-03	1.88E-02	2.20E-02	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Cadmium Compounds	6.02E-07	6.02E-07	6.17E-07	7.20E-07	7.06E-07	7.77E-07	7.99E-07	7.99E-07	0.00E+00	6.82E-07	0.00E+00	2.36E-08	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Carbon Disulfide	4.84E-02	4.84E-02	4.85E-02	4.87E-02	4.86E-02	4.88E-02	4.88E-02	4.88E-02	0.00E+00	1.64E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Adjuntas Municipio	72001	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	3.60E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Adjuntas Municipio	72001	R	Chloroform	8.92E-02	8.92E-02	8.99E-02	9.03E-02	9.02E-02	9.07E-02	9.08E-02	9.08E-02	4.85E-03	2.35E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Adjuntas Municipio	72001	R	Chromium Compounds (includes Hexavalent)	2.64E-04	2.64E-04	2.91E-04	3.26E-04	3.44E-04	4.25E-04	4.31E-04	4.31E-04	0.00E+00	2.45E-04	4.50E-05	5.34E-05	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Chromium VI	2.23E-04	2.23E-04	2.35E-04	2.70E-04	2.72E-04	3.13E-04	3.18E-04	3.18E-04	0.00E+00	2.35E-04	1.80E-05	1.81E-05	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	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
Puerto Rico	Adjuntas Municipio	72001	R	1,4-Dichlorobenzene	1.96E-02	1.96E-02	2.12E-02	2.20E-02	3.41E-02	5.97E-02	5.99E-02	5.99E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	1,3-Dichloropropene	3.50E-02	3.50E-02	3.80E-02	3.95E-02	6.27E-02	1.12E-01	1.12E-01	1.12E-01	0.00E+00	6.27E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	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	8.16E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Adjuntas Municipio	72001	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	0.00E+00	9.26E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Adjuntas Municipio	72001	R	Ethylene Oxide	1.83E-03	1.83E-03	2.01E-03	2.65E-03	2.51E-03	2.95E-03	2.98E-03	2.98E-03	4.83E-04	2.03E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Formaldehyde	6.92E-01	6.92E-01	6.94E-01	7.92E-01	9.48E-01	1.30E+00	1.41E+00	1.41E+00	3.78E-04	7.13E-02	2.63E-01	3.63E-01	2.50E-01
Puerto Rico	Adjuntas Municipio	72001	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.80E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Adjuntas Municipio	72001	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	2.20E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Adjuntas Municipio	72001	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
Puerto Rico	Adjuntas Municipio	72001	R	Hydrazine	7.58E-09	7.58E-09	8.01E-09	9.21E-09	9.21E-09	1.06E-08	1.07E-08	1.07E-08	0.00E+00	9.21E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Lead Compounds	9.69E-05	9.69E-05	9.86E-05	1.14E-04	1.18E-04	1.41E-04	1.43E-04	1.43E-04	0.00E+00	6.00E-05	5.76E-05	4.91E-07	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Manganese Compounds	2.16E-03	2.16E-03	2.22E-03	2.74E-03	2.60E-03	2.76E-03	2.98E-03	2.98E-03	0.00E+00	2.53E-03	1.39E-05	5.98E-05	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.59E-03	1.59E-03	1.59E-03	0.00E+00	4.62E-06	3.43E-05	1.59E-05	1.50E-03
Puerto Rico	Adjuntas Municipio	72001	R	Methylene Chloride	4.43E-01	4.43E-01	5.35E-01	5.70E-01	5.71E-01	6.18E-01	6.92E-01	6.92E-01	2.84E-01	1.37E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Adjuntas Municipio	72001	R	Nickel Compounds	1.22E-03	1.22E-03	1.43E-03	1.45E-03	1.42E-03	1.48E-03	1.54E-03	1.54E-03	1.28E-03	7.86E-05	3.29E-05	2.92E-05	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Perchloroethylene	1.93E-01	1.93E-01	1.94E-01	2.02E-01	2.05E-01	2.18E-01	2.19E-01	2.19E-01	0.00E+00	6.45E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Adjuntas Municipio	72001	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Adjuntas Municipio	72001	R	Polycyclic Organic Matter	1.65E-02	1.65E-02	1.77E-02	1.92E-02	2.62E-02	4.23E-02	4.25E-02	4.25E-02	0.00E+00	2.03E-02	5.76E-03	1.52E-04	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	7-PAH	3.26E-04	3.26E-04	3.40E-04	4.02E-04	4.14E-04	5.04E-04	5.12E-04	5.12E-04	0.00E+00	3.27E-04	2.34E-05	6.43E-05	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Propylene Dichloride	3.86E-06	3.86E-06	3.93E-06	4.45E-06	4.38E-06	4.74E-06	4.85E-06	4.85E-06	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Quinoline	8.52E-08	8.52E-08	8.88E-08	9.95E-08	9.70E-08	1.04E-07	1.05E-07	1.05E-07	0.00E+00	9.70E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	1,1,2,2-Tetrachloroethane	4.69E-07	4.69E-07	4.75E-07	5.41E-07	5.33E-07	5.79E-07	5.94E-07	5.94E-07	0.00E+00	5.33E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Adjuntas Municipio	72001	R	Trichloroethylene	1.01E-01	1.01E-01	1.02E-01	1.05E-01	1.04E-01	1.06E-01	1.06E-01	1.06E-01	0.00E+00	2.32E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Adjuntas Municipio	72001	R	Vinyl Chloride	4.39E-06	4.39E-06	4.52E-06	5.08E-06	4.98E-06	5.35E-06	5.46E-06	5.46E-06	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Acetaldehyde	7.45E-01	7.45E-01	8.08E-01	8.80E-01	8.70E-01	9.45E-01	9.49E-01	9.49E-01	0.00E+00	4.61E-02	5.56E-01	2.68E-01	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Acrolein	6.98E-02	6.98E-02	7.71E-02	8.26E-02	8.05E-02	8.45E-02	8.56E-02	8.56E-02	0.00E+00	1.48E-02	3.54E-02	3.03E-02	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Acrylonitrile	9.60E-05	9.60E-05	1.05E-04	1.10E-04	1.52E-04	1.66E-04	3.63E-04	3.63E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Arsenic Compounds	5.10E-05	5.10E-05	5.60E-05	6.10E-05	6.04E-05	6.32E-05	7.17E-05	7.17E-05	0.00E+00	2.18E-06	5.82E-05	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Benzene	1.25E+00	1.25E+00	1.33E+00	1.40E+00	1.38E+00	1.43E+00	1.49E+00	1.49E+00	0.00E+00	5.15E-02	4.44E-01	4.06E-01	4.80E-01
Puerto Rico	Aguada Municipio	72003	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
Puerto Rico	Aguada Municipio	72003	U	Beryllium Compounds	2.43E-07	2.43E-07	2.64E-07	2.74E-07	3.90E-07	4.27E-07	9.49E-07	9.49E-07	0.00E+00	3.90E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	1,3-Butadiene	4.58E-02	4.58E-02	4.84E-02	5.22E-02	5.32E-02	5.86E-02	6.14E-02	6.14E-02	0.00E+00	5.18E-03	2.56E-02	2.24E-02	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Cadmium Compounds	5.97E-07	5.97E-07	6.54E-07	6.77E-07	9.40E-07	1.01E-06	2.23E-06	2.23E-06	0.00E+00	9.40E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Carbon Disulfide	4.83E-02	4.83E-02	4.85E-02	4.86E-02	4.92E-02	4.94E-02	5.22E-02	5.22E-02	0.00E+00	2.17E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Aguada Municipio	72003	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	0.00E+00	4.63E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Aguada Municipio	72003	U	Chloroform	8.51E-02	8.51E-02	8.51E-02	8.53E-02	8.60E-02	8.62E-02	8.94E-02	8.94E-02	0.00E+00	2.97E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Aguada Municipio	72003	U	Chromium Compounds (includes Hexavalent)	3.03E-04	3.03E-04	3.11E-04	3.37E-04	4.32E-04	4.75E-04	9.06E-04	9.06E-04	0.00E+00	3.10E-04	6.23E-05	6.01E-05	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Chromium VI	2.22E-04	2.22E-04	2.39E-04	2.53E-04	3.48E-04	3.81E-04	8.16E-04	8.16E-04	0.00E+00	3.03E-04	2.49E-05	2.04E-05	0.00E+00
Puerto Rico	Aguada Municipio	72003	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
Puerto Rico	Aguada Municipio	72003	U	1,4-Dichlorobenzene	3.16E-02	3.16E-02	3.42E-02	3.90E-02	3.80E-02	4.00E-02	4.60E-02	4.60E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	1,3-Dichloropropene	5.80E-02	5.80E-02	6.29E-02	7.22E-02	7.02E-02	7.41E-02	8.56E-02	8.56E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	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	0.00E+00	1.18E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Aguada Municipio	72003	U	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	0.00E+00	1.20E-05	0.00E+00	0.00E+00	6.10E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Aguada Municipio	72003	U	Ethylene Oxide	5.01E-03	5.01E-03	5.62E-03	6.63E-03	6.80E-03	7.80E-03	9.28E-03	9.28E-03	0.00E+00	6.80E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Formaldehyde	8.31E-01	8.31E-01	8.89E-01	9.24E-01	9.23E-01	9.72E-01	9.87E-01	9.87E-01	0.00E+00	7.50E-02	2.72E-01	3.26E-01	2.50E-01
Puerto Rico	Aguada Municipio	72003	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.33E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Aguada Municipio	72003	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	2.85E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Aguada Municipio	72003	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
Puerto Rico	Aguada Municipio	72003	U	Hydrazine	7.08E-09	7.08E-09	8.14E-09	1.11E-08	2.31E-08	2.27E-08	9.38E-08	9.38E-08	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Lead Compounds	1.18E-04	1.18E-04	1.31E-04	1.38E-04	1.74E-04	1.73E-04	3.86E-04	3.86E-04	0.00E+00	9.22E-05	8.16E-05	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Manganese Compounds	2.75E-04	2.75E-04	2.77E-04	2.90E-04	2.89E-04	2.98E-04	3.01E-04	3.01E-04	0.00E+00	2.02E-04	1.97E-05	6.68E-05	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Mercury Compounds	1.56E-03	1.56E-03	1.56E-03	1.57E-03	1.57E-03	1.57E-03	1.58E-03	1.58E-03	0.00E+00	6.38E-06	4.71E-05	1.72E-05	1.50E-03
Puerto Rico	Aguada Municipio	72003	U	Methylene Chloride	2.77E-01	2.77E-01	2.82E-01	2.89E-01	3.33E-01	3.59E-01	5.27E-01	5.27E-01	2.01E-03	1.81E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Aguada Municipio	72003	U	Nickel Compounds	1.39E-04	1.39E-04	1.43E-04	1.55E-04	1.87E-04	2.04E-04	3.49E-04	3.49E-04	0.00E+00	1.13E-04	4.56E-05	2.85E-05	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Perchloroethylene	1.95E-01	1.95E-01	1.96E-01	2.00E-01	2.29E-01	2.34E-01	3.78E-01	3.78E-01	0.00E+00	8.92E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Aguada Municipio	72003	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Aguada Municipio	72003	U	Polycyclic Organic Matter	2.87E-02	2.87E-02	3.19E-02	3.42E-02	3.36E-02	3.49E-02	3.78E-02	3.78E-02	0.00E+00	2.56E-02	7.85E-03	1.36E-04	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	7-PAH	4.30E-04	4.30E-04	4.38E-04	4.45E-04	4.68E-04	5.07E-04	5.34E-04	5.34E-04	0.00E+00	3.65E-04	3.20E-05	7.07E-05	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Propylene Dichloride	3.60E-06	3.60E-06	3.93E-06	4.22E-06	5.79E-06	6.33E-06	1.38E-05	1.38E-05	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Quinoline	8.21E-08	8.21E-08	8.98E-08	1.07E-07	1.42E-07	1.59E-07	3.48E-07	3.48E-07	0.00E+00	1.42E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	1,1,2,2-Tetrachloroethane	4.35E-07	4.35E-07	4.74E-07	4.96E-07	6.89E-07	7.49E-07	1.64E-06	1.64E-06	0.00E+00	6.89E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguada Municipio	72003	U	Trichloroethylene	9.91E-02	9.91E-02	1.01E-01	1.01E-01	1.11E-01	1.13E-01	1.61E-01	1.61E-01	0.00E+00	3.03E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Aguada Municipio	72003	U	Vinyl Chloride	4.16E-06	4.16E-06	4.53E-06	5.11E-06	6.88E-06	7.59E-06	1.64E-05	1.64E-05	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Acetaldehyde	6.34E-01	7.50E-01	8.15E-01	9.81E-01	1.04E+00	1.22E+00	1.42E+00	1.64E+00	0.00E+00	5.66E-02	5.88E-01	3.92E-01	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Acrolein	8.57E-02	9.19E-02	1.02E-01	1.07E-01	1.12E-01	1.21E-01	1.39E-01	1.60E-01	0.00E+00	2.09E-02	4.43E-02	4.70E-02	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Acrylonitrile	1.04E-04	1.22E-04	1.48E-04	1.88E-04	2.45E-04	2.29E-04	4.70E-04	6.67E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Arsenic Compounds	6.01E-05	7.18E-05	8.27E-05	9.99E-05	1.16E-04	1.26E-04	1.83E-04	2.52E-04	0.00E+00	3.62E-06	1.12E-04	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Benzene	1.39E+00	1.50E+00	1.62E+00	1.82E+00	2.05E+00	2.39E+00	2.79E+00	3.67E+00	0.00E+00	8.06E-02	7.47E-01	7.47E-01	4.80E-01
Puerto Rico	Aguadilla Municipio	72005	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
Puerto Rico	Aguadilla Municipio	72005	U	Beryllium Compounds	2.49E-07	2.93E-07	3.66E-07	4.74E-07	6.51E-07	5.92E-07	1.28E-06	2.01E-06	0.00E+00	6.51E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	1,3-Butadiene	4.83E-02	6.15E-02	6.68E-02	9.73E-02	1.19E-01	1.55E-01	1.98E-01	2.86E-01	0.00E+00	8.93E-03	5.94E-02	5.06E-02	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Cadmium Compounds	7.47E-07	8.57E-07	9.82E-07	1.23E-06	1.61E-06	1.44E-06	3.02E-06	4.42E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Carbon Disulfide	4.85E-02	4.87E-02	4.91E-02	4.96E-02	5.04E-02	5.02E-02	5.36E-02	5.64E-02	0.00E+00	3.45E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Aguadilla Municipio	72005	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	0.00E+00	7.46E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Aguadilla Municipio	72005	U	Chloroform	8.52E-02	8.55E-02	8.60E-02	8.68E-02	8.78E-02	8.83E-02	9.18E-02	9.48E-02	0.00E+00	4.85E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Aguadilla Municipio	72005	U	Chromium Compounds (includes Hexavalent)	3.51E-04	3.94E-04	4.66E-04	6.00E-04	7.51E-04	9.65E-04	1.35E-03	1.71E-03	0.00E+00	5.24E-04	1.18E-04	1.10E-04	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Chromium VI	2.58E-04	2.96E-04	3.58E-04	4.63E-04	5.96E-04	6.36E-04	1.12E-03	1.53E-03	0.00E+00	5.12E-04	4.70E-05	3.75E-05	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	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
Puerto Rico	Aguadilla Municipio	72005	U	1,4-Dichlorobenzene	3.56E-02	4.18E-02	4.81E-02	5.83E-02	6.66E-02	6.84E-02	1.08E-01	1.44E-01	0.00E+00	6.66E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	1,3-Dichloropropene	6.51E-02	7.72E-02	8.91E-02	1.09E-01	1.25E-01	1.29E-01	2.04E-01	2.74E-01	0.00E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	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	0.00E+00	1.76E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Aguadilla Municipio	72005	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	0.00E+00	1.97E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Aguadilla Municipio	72005	U	Ethylene Oxide	2.21E-03	2.73E-03	3.61E-03	4.33E-03	4.94E-03	4.99E-03	8.05E-03	1.08E-02	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Formaldehyde	8.86E-01	8.96E-01	1.06E+00	1.19E+00	1.29E+00	1.44E+00	1.66E+00	2.22E+00	0.00E+00	1.06E-01	3.95E-01	5.37E-01	2.50E-01
Puerto Rico	Aguadilla Municipio	72005	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.46E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Aguadilla Municipio	72005	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	4.59E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Aguadilla Municipio	72005	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
Puerto Rico	Aguadilla Municipio	72005	U	Hydrazine	6.03E-09	8.43E-09	1.24E-08	2.08E-08	4.49E-08	2.99E-08	1.21E-07	1.96E-07	0.00E+00	4.49E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Lead Compounds	1.51E-04	1.53E-04	1.80E-04	2.56E-04	3.15E-04	4.03E-04	6.33E-04	8.18E-04	0.00E+00	1.62E-04	1.52E-04	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Manganese Compounds	2.20E-04	2.26E-04	2.61E-04	2.84E-04	3.13E-04	3.61E-04	4.17E-04	5.24E-04	0.00E+00	1.52E-04	3.80E-05	1.23E-04	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Mercury Compounds	1.57E-03	1.58E-03	1.59E-03	1.61E-03	1.63E-03	1.65E-03	1.71E-03	1.79E-03	0.00E+00	1.17E-05	9.21E-05	3.10E-05	1.50E-03
Puerto Rico	Aguadilla Municipio	72005	U	Methylene Chloride	3.11E-01	3.11E-01	3.42E-01	3.90E-01	4.56E-01	5.56E-01	6.86E-01	8.42E-01	1.61E-03	3.04E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Aguadilla Municipio	72005	U	Nickel Compounds	1.69E-04	1.88E-04	2.11E-04	2.68E-04	3.29E-04	4.14E-04	5.65E-04	6.72E-04	0.00E+00	1.89E-04	8.64E-05	5.39E-05	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Perchloroethylene	1.97E-01	2.09E-01	2.19E-01	2.50E-01	2.93E-01	2.82E-01	4.62E-01	6.06E-01	0.00E+00	1.53E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Aguadilla Municipio	72005	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Aguadilla Municipio	72005	U	Polycyclic Organic Matter	3.50E-02	3.50E-02	4.06E-02	4.84E-02	5.52E-02	6.38E-02	8.32E-02	1.10E-01	0.00E+00	4.03E-02	1.46E-02	2.38E-04	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	7-PAH	5.56E-04	5.61E-04	5.85E-04	6.61E-04	7.30E-04	8.78E-04	8.99E-04	1.11E-03	0.00E+00	5.40E-04	6.03E-05	1.30E-04	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Propylene Dichloride	3.92E-06	4.57E-06	5.54E-06	6.94E-06	9.19E-06	8.60E-06	1.77E-05	2.52E-05	0.00E+00	9.19E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Quinoline	9.01E-08	1.06E-07	1.25E-07	1.53E-07	2.16E-07	2.02E-07	4.26E-07	6.19E-07	0.00E+00	2.16E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	1,1,2,2-Tetrachloroethane	4.72E-07	5.50E-07	6.72E-07	8.55E-07	1.11E-06	1.04E-06	2.13E-06	3.02E-06	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguadilla Municipio	72005	U	Trichloroethylene	9.98E-02	1.04E-01	1.08E-01	1.17E-01	1.31E-01	1.23E-01	1.85E-01	2.34E-01	0.00E+00	5.02E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Aguadilla Municipio	72005	U	Vinyl Chloride	4.54E-06	5.31E-06	6.32E-06	7.71E-06	1.06E-05	9.93E-06	2.05E-05	2.95E-05	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Acetaldehyde	1.04E+00	1.04E+00	1.21E+00	1.29E+00	1.29E+00	1.42E+00	1.46E+00	1.46E+00	2.35E-05	4.69E-02	8.30E-01	4.08E-01	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Acrolein	8.76E-02	8.76E-02	9.36E-02	9.93E-02	9.96E-02	1.04E-01	1.14E-01	1.14E-01	6.75E-05	1.42E-02	4.51E-02	4.03E-02	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Acrylonitrile	1.30E-04	1.30E-04	1.43E-04	1.47E-04	1.45E-04	1.50E-04	1.53E-04	1.53E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Arsenic Compounds	7.07E-05	7.07E-05	7.30E-05	8.46E-05	8.88E-05	1.09E-04	1.11E-04	1.11E-04	2.89E-07	8.00E-06	8.03E-05	1.47E-07	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Benzene	1.41E+00	1.41E+00	1.52E+00	1.58E+00	1.64E+00	1.66E+00	2.09E+00	2.09E+00	2.98E-03	4.96E-02	5.71E-01	5.34E-01	4.80E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Aguas Buenas Municipio	72007	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
Puerto Rico	Aguas Buenas Municipio	72007	U	Beryllium Compounds	4.99E-07	4.99E-07	4.99E-07	5.32E-07	5.27E-07	5.38E-07	5.60E-07	5.60E-07	5.69E-08	4.67E-07	0.00E+00	2.34E-09	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	1,3-Butadiene	4.48E-02	4.48E-02	5.68E-02	6.35E-02	6.82E-02	6.94E-02	1.11E-01	1.11E-01	1.81E-05	4.62E-03	3.39E-02	2.97E-02	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Cadmium Compounds	6.96E-06	6.96E-06	7.55E-06	1.22E-05	2.14E-05	3.77E-05	5.20E-05	5.20E-05	2.04E-05	1.03E-06	0.00E+00	3.25E-08	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Carbon Disulfide	4.95E-02	4.95E-02	4.96E-02	4.96E-02	4.97E-02	4.97E-02	5.00E-02	5.00E-02	6.33E-04	2.04E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Aguas Buenas Municipio	72007	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	0.00E+00	4.47E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Aguas Buenas Municipio	72007	U	Chloroform	8.60E-02	8.60E-02	8.64E-02	8.66E-02	8.65E-02	8.67E-02	8.68E-02	8.68E-02	0.00E+00	3.53E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Aguas Buenas Municipio	72007	U	Chromium Compounds (includes Hexavalent)	4.75E-04	4.75E-04	5.13E-04	5.44E-04	5.37E-04	5.67E-04	5.80E-04	5.80E-04	1.26E-06	3.70E-04	8.55E-05	8.03E-05	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Chromium VI	3.75E-04	3.75E-04	4.03E-04	4.17E-04	4.17E-04	4.35E-04	4.55E-04	4.55E-04	3.73E-07	3.55E-04	3.42E-05	2.73E-05	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	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
Puerto Rico	Aguas Buenas Municipio	72007	U	1,4-Dichlorobenzene	4.02E-02	4.02E-02	4.18E-02	4.45E-02	4.76E-02	4.78E-02	6.68E-02	6.68E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	1,3-Dichloropropene	7.38E-02	7.38E-02	7.71E-02	8.27E-02	8.84E-02	8.87E-02	1.26E-01	1.26E-01	0.00E+00	8.84E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	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	0.00E+00	1.06E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Aguas Buenas Municipio	72007	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.29E-05	1.20E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Aguas Buenas Municipio	72007	U	Ethylene Oxide	2.04E-03	2.04E-03	2.09E-03	2.13E-03	2.22E-03	2.34E-03	2.59E-03	2.59E-03	5.67E-04	1.65E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Formaldehyde	1.13E+00	1.13E+00	1.19E+00	1.31E+00	1.32E+00	1.36E+00	1.58E+00	1.58E+00	9.11E-05	8.10E-02	4.56E-01	5.29E-01	2.50E-01
Puerto Rico	Aguas Buenas Municipio	72007	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.11E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Aguas Buenas Municipio	72007	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	2.71E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Aguas Buenas Municipio	72007	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
Puerto Rico	Aguas Buenas Municipio	72007	U	Hydrazine	8.06E-09	8.06E-09	8.60E-09	1.69E-08	1.89E-08	2.44E-08	3.84E-08	3.84E-08	0.00E+00	1.89E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Lead Compounds	3.18E-04	3.18E-04	3.20E-04	3.69E-04	4.41E-04	5.87E-04	6.82E-04	6.82E-04	1.85E-04	1.04E-04	1.14E-04	3.81E-05	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Manganese Compounds	1.03E-04	1.03E-04	1.05E-04	1.21E-04	1.24E-04	1.25E-04	1.72E-04	1.72E-04	2.16E-06	5.55E-06	2.67E-05	9.01E-05	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Mercury Compounds	1.65E-03	1.65E-03	1.66E-03	1.71E-03	1.79E-03	1.93E-03	2.06E-03	2.06E-03	1.91E-04	6.01E-06	6.55E-05	2.42E-05	1.50E-03
Puerto Rico	Aguas Buenas Municipio	72007	U	Methylene Chloride	6.69E-01	6.69E-01	6.80E-01	1.12E+00	1.20E+00	1.49E+00	2.11E+00	2.11E+00	8.62E-01	1.88E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Aguas Buenas Municipio	72007	U	Nickel Compounds	8.37E-04	8.37E-04	8.89E-04	9.02E-04	9.16E-04	9.76E-04	9.90E-04	9.90E-04	4.54E-04	3.54E-04	6.25E-05	4.58E-05	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Perchloroethylene	2.28E-01	2.28E-01	2.38E-01	2.41E-01	2.41E-01	2.47E-01	2.49E-01	2.49E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Aguas Buenas Municipio	72007	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	2.37E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Aguas Buenas Municipio	72007	U	Polycyclic Organic Matter	3.49E-02	3.49E-02	3.69E-02	3.97E-02	4.12E-02	4.19E-02	5.40E-02	5.40E-02	1.95E-04	2.96E-02	1.09E-02	4.14E-04	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	7-PAH	3.86E-04	3.86E-04	4.32E-04	5.03E-04	5.15E-04	5.35E-04	7.33E-04	7.33E-04	2.32E-07	3.73E-04	4.45E-05	9.75E-05	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Propylene Dichloride	5.03E-06	5.03E-06	5.22E-06	5.36E-06	5.45E-06	5.72E-06	6.04E-06	6.04E-06	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Quinoline	1.01E-07	1.01E-07	1.02E-07	1.24E-07	1.27E-07	1.40E-07	1.73E-07	1.73E-07	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	1,1,2,2-Tetrachloroethane	5.86E-07	5.86E-07	6.51E-07	6.68E-07	6.57E-07	6.82E-07	6.88E-07	6.88E-07	0.00E+00	6.57E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aguas Buenas Municipio	72007	U	Trichloroethylene	1.08E-01	1.08E-01	1.11E-01	1.12E-01	1.11E-01	1.12E-01	1.14E-01	1.14E-01	0.00E+00	3.03E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Aguas Buenas Municipio	72007	U	Vinyl Chloride	5.56E-06	5.56E-06	5.69E-06	6.09E-06	6.33E-06	6.79E-06	7.73E-06	7.73E-06	0.00E+00	6.33E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Acetaldehyde	7.82E-01	7.82E-01	8.20E-01	9.44E-01	9.24E-01	1.01E+00	1.05E+00	1.05E+00	1.40E-05	5.53E-02	5.53E-01	3.16E-01	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Acrolein	8.36E-02	8.36E-02	8.51E-02	9.66E-02	9.52E-02	1.03E-01	1.06E-01	1.06E-01	1.43E-04	2.03E-02	3.81E-02	3.66E-02	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Acrylonitrile	1.47E-04	1.47E-04	1.57E-04	1.82E-04	1.81E-04	2.09E-04	2.10E-04	2.10E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Arsenic Compounds	6.21E-05	6.21E-05	6.88E-05	7.29E-05	7.37E-05	8.00E-05	8.55E-05	8.55E-05	3.42E-07	5.45E-06	6.79E-05	3.28E-08	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Benzene	1.33E+00	1.33E+00	1.35E+00	1.53E+00	1.55E+00	1.71E+00	1.86E+00	1.86E+00	6.43E-03	6.89E-02	5.03E-01	4.94E-01	4.80E-01
Puerto Rico	Aibonito Municipio	72009	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
Puerto Rico	Aibonito Municipio	72009	R	Beryllium Compounds	5.19E-07	5.19E-07	5.69E-07	5.99E-07	6.15E-07	6.86E-07	7.18E-07	7.18E-07	8.81E-08	5.26E-07	0.00E+00	5.10E-10	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	1,3-Butadiene	4.43E-02	4.43E-02	4.80E-02	6.02E-02	6.60E-02	8.42E-02	9.91E-02	9.91E-02	2.13E-05	7.84E-03	3.06E-02	2.75E-02	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Cadmium Compounds	6.18E-06	6.18E-06	7.17E-06	7.85E-06	7.72E-06	8.12E-06	9.16E-06	9.16E-06	6.51E-06	1.20E-06	0.00E+00	7.09E-09	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Carbon Disulfide	5.14E-02	5.14E-02	5.14E-02	5.19E-02	5.19E-02	5.22E-02	5.23E-02	5.23E-02	2.31E-03	2.56E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Aibonito Municipio	72009	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	0.00E+00	5.49E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Aibonito Municipio	72009	R	Chloroform	8.71E-02	8.71E-02	8.73E-02	8.79E-02	8.78E-02	8.82E-02	8.83E-02	8.83E-02	9.25E-04	3.85E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Aibonito Municipio	72009	R	Chromium Compounds (includes Hexavalent)	4.31E-04	4.31E-04	4.54E-04	5.07E-04	5.19E-04	5.94E-04	6.20E-04	6.20E-04	4.63E-07	3.72E-04	7.13E-05	7.56E-05	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Chromium VI	3.38E-04	3.38E-04	3.63E-04	3.97E-04	4.09E-04	4.73E-04	4.88E-04	4.88E-04	2.03E-07	3.55E-04	2.85E-05	2.57E-05	0.00E+00
Puerto Rico	Aibonito Municipio	72009	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
Puerto Rico	Aibonito Municipio	72009	R	1,4-Dichlorobenzene	3.23E-02	3.23E-02	3.58E-02	4.40E-02	4.37E-02	5.12E-02	5.48E-02	5.48E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	1,3-Dichloropropene	5.89E-02	5.89E-02	6.54E-02	8.11E-02	8.05E-02	9.49E-02	1.02E-01	1.02E-01	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	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	1.34E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Aibonito Municipio	72009	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.13E-02	2.12E-04	1.46E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Aibonito Municipio	72009	R	Ethylene Oxide	2.80E-03	2.80E-03	3.09E-03	3.18E-03	3.20E-03	3.39E-03	3.53E-03	3.53E-03	8.97E-04	2.30E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Formaldehyde	9.99E-01	9.99E-01	1.02E+00	1.15E+00	1.15E+00	1.29E+00	1.32E+00	1.32E+00	3.99E-05	1.13E-01	3.54E-01	4.37E-01	2.50E-01
Puerto Rico	Aibonito Municipio	72009	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.85E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Aibonito Municipio	72009	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	3.39E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Aibonito Municipio	72009	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
Puerto Rico	Aibonito Municipio	72009	R	Hydrazine	1.75E-08	1.75E-08	2.24E-08	2.47E-08	2.75E-08	3.76E-08	3.84E-08	3.84E-08	0.00E+00	2.75E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Lead Compounds	2.57E-04	2.57E-04	2.66E-04	3.03E-04	3.07E-04	3.52E-04	3.60E-04	3.60E-04	5.80E-05	1.36E-04	8.76E-05	2.54E-05	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Manganese Compounds	9.01E-05	9.01E-05	1.02E-04	1.40E-04	2.03E-04	3.63E-04	3.84E-04	3.84E-04	2.29E-06	9.44E-05	2.20E-05	8.44E-05	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Mercury Compounds	1.62E-03	1.62E-03	1.63E-03	1.66E-03	1.65E-03	1.66E-03	1.66E-03	1.66E-03	6.11E-05	8.46E-06	5.62E-05	2.21E-05	1.50E-03
Puerto Rico	Aibonito Municipio	72009	R	Methylene Chloride	4.22E-01	4.22E-01	4.30E-01	4.64E-01	4.69E-01	5.02E-01	5.30E-01	5.30E-01	1.15E-01	2.03E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Aibonito Municipio	72009	R	Nickel Compounds	5.36E-04	5.36E-04	6.39E-04	6.82E-04	6.67E-04	7.09E-04	7.51E-04	7.51E-04	3.54E-04	2.23E-04	5.21E-05	3.76E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Aibonito Municipio	72009	R	Perchloroethylene	2.34E-01	2.34E-01	2.41E-01	2.57E-01	2.60E-01	2.84E-01	2.85E-01	2.85E-01	0.00E+00	1.20E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Aibonito Municipio	72009	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	4.46E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Aibonito Municipio	72009	R	Polycyclic Organic Matter	3.18E-02	3.18E-02	3.20E-02	3.91E-02	3.89E-02	4.41E-02	4.74E-02	4.74E-02	4.93E-04	2.91E-02	9.02E-03	3.24E-04	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	7-PAH	4.82E-04	4.82E-04	6.22E-04	6.63E-04	6.84E-04	8.28E-04	8.47E-04	8.47E-04	4.73E-07	5.55E-04	3.72E-05	9.18E-05	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Propylene Dichloride	5.55E-06	5.55E-06	5.92E-06	6.85E-06	6.83E-06	7.88E-06	7.92E-06	7.92E-06	0.00E+00	6.83E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Quinoline	1.30E-07	1.30E-07	1.39E-07	1.63E-07	1.62E-07	1.88E-07	1.88E-07	1.88E-07	0.00E+00	1.62E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	1,1,2,2-Tetrachloroethane	6.66E-07	6.66E-07	7.12E-07	8.22E-07	8.20E-07	9.46E-07	9.51E-07	9.51E-07	0.00E+00	8.20E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Aibonito Municipio	72009	R	Trichloroethylene	1.11E-01	1.11E-01	1.14E-01	1.19E-01	1.19E-01	1.26E-01	1.26E-01	1.26E-01	0.00E+00	3.82E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Aibonito Municipio	72009	R	Vinyl Chloride	6.48E-06	6.48E-06	6.89E-06	8.01E-06	7.97E-06	9.19E-06	9.23E-06	9.23E-06	0.00E+00	7.97E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Acetaldehyde	6.62E-01	6.62E-01	9.67E-01	1.07E+00	1.07E+00	1.24E+00	1.38E+00	1.38E+00	0.00E+00	4.11E-02	6.21E-01	4.03E-01	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Acrolein	6.15E-02	6.15E-02	7.15E-02	7.89E-02	8.55E-02	1.02E-01	1.11E-01	1.11E-01	0.00E+00	1.30E-02	3.58E-02	3.67E-02	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Acrylonitrile	7.16E-05	7.16E-05	9.00E-05	2.22E-04	1.79E-04	2.43E-04	2.65E-04	2.65E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Arsenic Compounds	4.19E-05	4.19E-05	5.97E-05	6.60E-05	8.36E-05	1.22E-04	1.39E-04	1.39E-04	0.00E+00	2.65E-06	8.10E-05	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Benzene	1.03E+00	1.03E+00	1.33E+00	1.39E+00	1.60E+00	2.10E+00	2.26E+00	2.26E+00	0.00E+00	5.13E-02	5.02E-01	5.64E-01	4.80E-01
Puerto Rico	Anasco Municipio	72011	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
Puerto Rico	Anasco Municipio	72011	U	Beryllium Compounds	1.71E-07	1.71E-07	2.26E-07	5.97E-07	4.67E-07	6.30E-07	6.96E-07	6.96E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	1,3-Butadiene	2.85E-02	2.85E-02	4.81E-02	5.85E-02	7.45E-02	1.23E-01	1.36E-01	1.36E-01	0.00E+00	3.77E-03	3.41E-02	3.66E-02	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Cadmium Compounds	4.45E-07	4.45E-07	5.72E-07	1.42E-06	1.12E-06	1.49E-06	1.66E-06	1.66E-06	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Carbon Disulfide	4.80E-02	4.80E-02	4.82E-02	4.97E-02	4.94E-02	5.05E-02	5.07E-02	5.07E-02	0.00E+00	2.40E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Anasco Municipio	72011	U	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	0.00E+00	5.45E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Anasco Municipio	72011	U	Chloroform	8.44E-02	8.44E-02	8.49E-02	8.75E-02	8.66E-02	8.78E-02	8.81E-02	8.81E-02	0.00E+00	3.58E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Anasco Municipio	72011	U	Chromium Compounds (includes Hexavalent)	2.11E-04	2.11E-04	2.89E-04	6.10E-04	5.21E-04	7.21E-04	7.45E-04	7.45E-04	0.00E+00	3.52E-04	8.58E-05	8.33E-05	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Chromium VI	1.61E-04	1.61E-04	2.06E-04	5.18E-04	4.07E-04	5.50E-04	5.93E-04	5.93E-04	0.00E+00	3.44E-04	3.43E-05	2.83E-05	0.00E+00
Puerto Rico	Anasco Municipio	72011	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
Puerto Rico	Anasco Municipio	72011	U	1,4-Dichlorobenzene	2.01E-02	2.01E-02	3.54E-02	3.96E-02	5.06E-02	7.75E-02	8.95E-02	8.95E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	1,3-Dichloropropene	3.64E-02	3.64E-02	6.56E-02	7.34E-02	9.47E-02	1.46E-01	1.70E-01	1.70E-01	0.00E+00	9.47E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	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	0.00E+00	9.73E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Anasco Municipio	72011	U	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	0.00E+00	1.34E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Anasco Municipio	72011	U	Ethylene Oxide	2.21E-03	2.21E-03	3.87E-03	5.18E-02	2.77E-01	2.14E-01	1.55E+00	1.55E+00	0.00E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Formaldehyde	7.10E-01	7.10E-01	9.50E-01	1.04E+00	1.13E+00	1.37E+00	1.52E+00	1.52E+00	0.00E+00	6.56E-02	3.21E-01	4.89E-01	2.50E-01
Puerto Rico	Anasco Municipio	72011	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.94E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Anasco Municipio	72011	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	3.37E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Anasco Municipio	72011	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
Puerto Rico	Anasco Municipio	72011	U	Hydrazine	2.62E-09	2.62E-09	2.68E-09	2.96E-09	2.25E-08	6.31E-08	6.32E-08	6.32E-08	0.00E+00	2.25E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Lead Compounds	8.83E-05	8.83E-05	1.26E-04	2.27E-04	2.15E-04	3.02E-04	3.14E-04	3.14E-04	0.00E+00	1.17E-04	9.78E-05	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Manganese Compounds	3.21E-04	3.21E-04	3.59E-04	4.29E-04	4.20E-04	5.02E-04	5.27E-04	5.27E-04	0.00E+00	2.99E-04	2.75E-05	9.28E-05	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Mercury Compounds	1.55E-03	1.55E-03	1.57E-03	1.57E-03	1.60E-03	1.64E-03	1.66E-03	1.66E-03	0.00E+00	6.92E-06	6.60E-05	2.34E-05	1.50E-03
Puerto Rico	Anasco Municipio	72011	U	Methylene Chloride	2.40E-01	2.40E-01	2.68E-01	4.11E-01	3.65E-01	4.48E-01	4.57E-01	4.57E-01	2.86E-03	2.12E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Anasco Municipio	72011	U	Nickel Compounds	1.60E-04	1.60E-04	2.57E-04	3.36E-04	5.24E-04	1.02E-03	1.23E-03	1.23E-03	2.87E-04	1.33E-04	6.30E-05	4.05E-05	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Perchloroethylene	1.78E-01	1.78E-01	1.91E-01	2.74E-01	2.52E-01	2.99E-01	3.14E-01	3.14E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Anasco Municipio	72011	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Anasco Municipio	72011	U	Polycyclic Organic Matter	1.98E-02	1.98E-02	3.23E-02	4.64E-02	4.91E-02	7.27E-02	7.78E-02	7.78E-02	0.00E+00	3.82E-02	1.07E-02	1.88E-04	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	7-PAH	3.01E-04	3.01E-04	3.34E-04	4.65E-04	4.49E-04	5.54E-04	5.55E-04	5.55E-04	0.00E+00	3.06E-04	4.40E-05	9.84E-05	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Propylene Dichloride	2.70E-06	2.70E-06	3.26E-06	7.26E-06	6.40E-06	9.21E-06	9.91E-06	9.91E-06	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Quinoline	5.65E-08	5.65E-08	5.69E-08	6.26E-08	1.18E-07	2.27E-07	2.32E-07	2.32E-07	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	1,1,2,2-Tetrachloroethane	3.24E-07	3.24E-07	4.10E-07	1.02E-06	8.15E-07	1.10E-06	1.20E-06	1.20E-06	0.00E+00	8.15E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Anasco Municipio	72011	U	Trichloroethylene	9.43E-02	9.43E-02	9.79E-02	1.29E-01	1.18E-01	1.31E-01	1.38E-01	1.38E-01	0.00E+00	3.70E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Anasco Municipio	72011	U	Vinyl Chloride	3.16E-06	3.16E-06	3.48E-06	5.83E-06	6.63E-06	1.09E-05	1.14E-05	1.14E-05	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Acetaldehyde	6.78E-01	7.92E-01	8.21E-01	8.88E-01	9.76E-01	1.06E+00	1.18E+00	1.52E+00	3.17E-06	4.56E-02	5.37E-01	3.94E-01	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Acrolein	7.65E-02	8.18E-02	8.70E-02	9.95E-02	9.71E-02	1.03E-01	1.16E-01	1.18E-01	8.72E-06	1.53E-02	4.34E-02	3.83E-02	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Acrylonitrile	1.05E-04	1.06E-04	1.08E-04	1.16E-04	1.47E-04	1.53E-04	2.05E-04	2.77E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Arsenic Compounds	4.34E-05	4.41E-05	7.19E-05	9.03E-05	9.95E-05	1.20E-04	1.49E-04	1.68E-04	3.70E-08	2.08E-06	9.74E-05	2.32E-08	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Benzene	1.19E+00	1.21E+00	1.43E+00	1.57E+00	1.61E+00	1.91E+00	1.98E+00	2.06E+00	8.26E-04	4.92E-02	5.32E-01	5.48E-01	4.80E-01
Puerto Rico	Arecibo Municipio	72013	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
Puerto Rico	Arecibo Municipio	72013	U	Beryllium Compounds	2.52E-07	2.68E-07	2.84E-07	3.08E-07	4.16E-07	4.27E-07	6.29E-07	9.11E-07	6.70E-09	4.09E-07	0.00E+00	3.29E-10	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	1,3-Butadiene	3.14E-02	3.64E-02	4.79E-02	6.53E-02	6.92E-02	9.50E-02	1.06E-01	1.06E-01	1.20E-06	4.17E-03	3.19E-02	3.31E-02	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Cadmium Compounds	5.97E-07	6.06E-07	6.41E-07	7.16E-07	9.81E-07	9.74E-07	1.39E-06	1.95E-06	6.30E-08	9.13E-07	0.00E+00	4.56E-09	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Carbon Disulfide	4.85E-02	4.85E-02	4.85E-02	4.87E-02	4.91E-02	4.92E-02	5.00E-02	5.11E-02	2.93E-05	2.09E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Arecibo Municipio	72013	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	0.00E+00	4.49E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Arecibo Municipio	72013	U	Chloroform	9.81E-02	9.88E-02	1.14E-01	1.20E-01	1.20E-01	1.24E-01	1.34E-01	1.52E-01	3.36E-02	3.03E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Arecibo Municipio	72013	U	Chromium Compounds (includes Hexavalent)	4.50E-04	4.83E-04	5.05E-04	5.33E-04	5.59E-04	5.67E-04	6.72E-04	7.60E-04	2.05E-07	3.75E-04	1.03E-04	8.04E-05	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Chromium VI	2.97E-04	3.02E-04	3.16E-04	3.50E-04	3.69E-04	3.92E-04	4.84E-04	5.24E-04	5.71E-08	3.00E-04	4.14E-05	2.73E-05	0.00E+00
Puerto Rico	Arecibo Municipio	72013	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
Puerto Rico	Arecibo Municipio	72013	U	1,4-Dichlorobenzene	2.38E-02	2.80E-02	3.91E-02	4.58E-02	5.01E-02	6.47E-02	7.00E-02	8.75E-02	0.00E+00	5.01E-02	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Arecibo Municipio	72013	U	1,3-Dichloropropene	4.23E-02	4.92E-02	7.08E-02	8.44E-02	9.27E-02	1.21E-01	1.31E-01	1.65E-01	0.00E+00	9.27E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	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	0.00E+00	1.14E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Arecibo Municipio	72013	U	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	0.00E+00	1.17E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Arecibo Municipio	72013	U	Ethylene Oxide	1.82E-03	1.84E-03	1.87E-03	1.96E-03	2.15E-03	2.14E-03	2.48E-03	3.52E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Formaldehyde	9.56E-01	9.89E-01	1.04E+00	1.21E+00	1.22E+00	1.32E+00	1.39E+00	1.61E+00	1.26E-02	7.96E-02	3.50E-01	5.24E-01	2.50E-01
Puerto Rico	Arecibo Municipio	72013	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.28E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Arecibo Municipio	72013	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	2.74E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Arecibo Municipio	72013	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
Puerto Rico	Arecibo Municipio	72013	U	Hydrazine	3.72E-09	4.16E-09	4.37E-09	4.98E-09	1.59E-08	1.06E-08	3.91E-08	6.53E-08	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Lead Compounds	1.59E-04	1.71E-04	1.79E-04	1.97E-04	1.99E-04	2.15E-04	2.33E-04	2.44E-04	1.65E-07	6.93E-05	1.29E-04	1.09E-07	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Manganese Compounds	1.57E-04	1.62E-04	1.75E-04	1.98E-04	3.18E-04	2.50E-04	9.92E-04	1.04E-03	2.96E-07	1.96E-04	3.28E-05	8.96E-05	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Mercury Compounds	1.55E-03	1.56E-03	1.58E-03	1.60E-03	1.61E-03	1.62E-03	1.65E-03	1.67E-03	3.16E-08	5.31E-06	7.93E-05	2.31E-05	1.50E-03
Puerto Rico	Arecibo Municipio	72013	U	Methylene Chloride	1.57E+00	2.29E+00	4.60E+00	6.36E+00	7.80E+00	8.13E+00	9.79E+00	2.69E+01	7.43E+00	2.16E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Arecibo Municipio	72013	U	Nickel Compounds	2.18E-04	2.22E-04	2.89E-04	8.15E-04	8.48E-04	8.72E-04	2.04E-03	2.50E-03	4.37E-04	2.95E-04	7.59E-05	3.92E-05	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Perchloroethylene	1.98E-01	1.99E-01	2.04E-01	2.11E-01	2.20E-01	2.29E-01	2.49E-01	2.69E-01	0.00E+00	8.04E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Arecibo Municipio	72013	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	4.06E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Arecibo Municipio	72013	U	Polycyclic Organic Matter	2.27E-02	2.50E-02	3.42E-02	4.08E-02	4.20E-02	4.82E-02	5.88E-02	6.06E-02	1.91E-05	2.88E-02	1.30E-02	1.52E-04	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	7-PAH	4.23E-04	4.25E-04	4.52E-04	5.15E-04	5.12E-04	5.53E-04	5.91E-04	6.42E-04	2.63E-08	3.63E-04	5.32E-05	9.58E-05	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Propylene Dichloride	3.90E-06	3.97E-06	4.05E-06	4.43E-06	5.57E-06	5.87E-06	7.98E-06	1.08E-05	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Quinoline	7.78E-08	8.31E-08	9.27E-08	1.02E-07	1.35E-07	1.37E-07	2.19E-07	3.02E-07	0.00E+00	1.35E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	1,1,2,2-Tetrachloroethane	4.76E-07	4.78E-07	4.90E-07	5.24E-07	6.63E-07	6.92E-07	9.21E-07	1.25E-06	0.00E+00	6.63E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arecibo Municipio	72013	U	Trichloroethylene	1.04E-01	1.05E-01	1.06E-01	1.09E-01	1.15E-01	1.16E-01	1.34E-01	1.47E-01	0.00E+00	3.37E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Arecibo Municipio	72013	U	Vinyl Chloride	4.25E-06	4.56E-06	4.74E-06	5.08E-06	6.63E-06	6.78E-06	9.99E-06	1.37E-05	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Acetaldehyde	4.02E-01	4.02E-01	4.02E-01	4.33E-01	5.47E-01	8.07E-01	8.07E-01	8.07E-01	2.77E-05	1.75E-02	3.28E-01	2.02E-01	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Acrolein	3.48E-02	3.48E-02	3.48E-02	5.14E-02	4.65E-02	5.34E-02	5.34E-02	5.34E-02	2.86E-04	7.05E-03	1.71E-02	2.21E-02	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Acrylonitrile	3.85E-05	3.85E-05	3.85E-05	5.19E-05	7.07E-05	1.22E-04	1.22E-04	1.22E-04	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Arsenic Compounds	2.64E-05	2.64E-05	2.64E-05	3.71E-05	3.41E-05	3.87E-05	3.87E-05	3.87E-05	8.16E-07	4.09E-06	2.92E-05	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Benzene	1.03E+00	1.03E+00	1.03E+00	1.09E+00	1.21E+00	1.50E+00	1.50E+00	1.50E+00	1.78E-02	2.60E-02	3.43E-01	3.39E-01	4.80E-01
Puerto Rico	Arroyo Municipio	72015	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
Puerto Rico	Arroyo Municipio	72015	R	Beryllium Compounds	3.03E-07	3.03E-07	3.03E-07	3.39E-07	4.17E-07	6.09E-07	6.09E-07	6.09E-07	2.11E-07	2.06E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	1,3-Butadiene	3.79E-02	3.79E-02	3.79E-02	3.90E-02	5.30E-02	8.21E-02	8.21E-02	8.21E-02	8.77E-05	3.22E-03	2.79E-02	2.17E-02	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Cadmium Compounds	2.64E-06	2.64E-06	2.64E-06	2.87E-06	3.10E-06	3.78E-06	3.78E-06	3.78E-06	2.62E-06	4.81E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Carbon Disulfide	5.26E-02	5.26E-02	5.26E-02	5.28E-02	5.37E-02	5.57E-02	5.57E-02	5.57E-02	5.70E-03	9.99E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Arroyo Municipio	72015	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	2.20E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Arroyo Municipio	72015	R	Chloroform	8.39E-02	8.39E-02	8.39E-02	8.43E-02	8.46E-02	8.55E-02	8.55E-02	8.55E-02	0.00E+00	1.56E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Arroyo Municipio	72015	R	Chromium Compounds (includes Hexavalent)	1.53E-04	1.53E-04	1.53E-04	2.17E-04	2.46E-04	3.69E-04	3.69E-04	3.69E-04	9.04E-07	1.62E-04	3.03E-05	5.29E-05	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Chromium VI	1.08E-04	1.08E-04	1.08E-04	1.45E-04	1.87E-04	3.08E-04	3.08E-04	3.08E-04	4.34E-07	1.57E-04	1.21E-05	1.80E-05	0.00E+00
Puerto Rico	Arroyo Municipio	72015	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
Puerto Rico	Arroyo Municipio	72015	R	1,4-Dichlorobenzene	2.22E-02	2.22E-02	2.22E-02	2.81E-02	2.94E-02	3.79E-02	3.79E-02	3.79E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	1,3-Dichloropropene	4.16E-02	4.16E-02	4.16E-02	5.24E-02	5.52E-02	7.15E-02	7.15E-02	7.15E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	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	5.22E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Arroyo Municipio	72015	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	1.57E-05	6.44E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Arroyo Municipio	72015	R	Ethylene Oxide	1.27E-03	1.27E-03	1.27E-03	1.55E-03	1.68E-03	2.22E-03	2.22E-03	2.22E-03	9.20E-04	7.59E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Formaldehyde	6.47E-01	6.47E-01	6.47E-01	7.28E-01	7.92E-01	1.00E+00	1.00E+00	1.00E+00	5.90E-05	3.92E-02	2.20E-01	2.83E-01	2.50E-01
Puerto Rico	Arroyo Municipio	72015	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.07E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Arroyo Municipio	72015	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	1.32E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Arroyo Municipio	72015	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
Puerto Rico	Arroyo Municipio	72015	R	Hydrazine	3.57E-09	3.57E-09	3.57E-09	9.31E-09	1.37E-08	2.82E-08	2.82E-08	2.82E-08	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Lead Compounds	7.96E-05	7.96E-05	7.96E-05	1.22E-04	1.31E-04	1.91E-04	1.91E-04	1.91E-04	1.95E-05	6.25E-05	4.08E-05	7.95E-06	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Manganese Compounds	5.89E-05	5.89E-05	5.89E-05	7.70E-05	7.68E-05	9.44E-05	9.44E-05	9.44E-05	5.35E-06	2.71E-06	9.59E-06	5.91E-05	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Mercury Compounds	1.55E-03	1.55E-03	1.55E-03	1.57E-03	1.56E-03	1.57E-03	1.57E-03	1.57E-03	1.78E-05	3.39E-06	2.44E-05	1.50E-05	1.50E-03
Puerto Rico	Arroyo Municipio	72015	R	Methylene Chloride	2.71E-01	2.71E-01	2.71E-01	2.87E-01	3.22E-01	4.08E-01	4.08E-01	4.08E-01	7.91E-02	9.32E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Arroyo Municipio	72015	R	Nickel Compounds	4.61E-04	4.61E-04	4.61E-04	5.35E-04	5.44E-04	6.37E-04	6.37E-04	6.37E-04	3.99E-04	9.76E-05	2.22E-05	2.59E-05	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Perchloroethylene	1.70E-01	1.70E-01	1.70E-01	1.86E-01	1.95E-01	2.30E-01	2.30E-01	2.30E-01	0.00E+00	5.55E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Arroyo Municipio	72015	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	6.68E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Arroyo Municipio	72015	R	Polycyclic Organic Matter	1.71E-02	1.71E-02	1.71E-02	2.50E-02	2.31E-02	2.73E-02	2.73E-02	2.73E-02	1.19E-03	1.79E-02	3.83E-03	1.66E-04	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	7-PAH	1.63E-04	1.63E-04	1.63E-04	1.96E-04	2.82E-04	4.88E-04	4.88E-04	4.88E-04	1.08E-06	2.02E-04	1.58E-05	6.36E-05	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Propylene Dichloride	1.45E-06	1.45E-06	1.45E-06	1.96E-06	2.66E-06	4.59E-06	4.59E-06	4.59E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Quinoline	3.33E-08	3.33E-08	3.33E-08	4.66E-08	6.34E-08	1.10E-07	1.10E-07	1.10E-07	0.00E+00	6.34E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	1,1,2,2-Tetrachloroethane	1.74E-07	1.74E-07	1.74E-07	2.35E-07	3.20E-07	5.51E-07	5.51E-07	5.51E-07	0.00E+00	3.20E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Arroyo Municipio	72015	R	Trichloroethylene	8.92E-02	8.92E-02	8.92E-02	9.26E-02	9.68E-02	1.09E-01	1.09E-01	1.09E-01	0.00E+00	1.58E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Arroyo Municipio	72015	R	Vinyl Chloride	1.68E-06	1.68E-06	1.68E-06	2.29E-06	3.11E-06	5.35E-06	5.35E-06	5.35E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Acetaldehyde	1.03E+00	1.03E+00	1.04E+00	1.05E+00	1.07E+00	1.11E+00	1.17E+00	1.17E+00	5.68E-05	5.55E-02	6.26E-01	3.92E-01	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Acrolein	1.03E-01	1.03E-01	1.05E-01	1.10E-01	1.11E-01	1.17E-01	1.20E-01	1.20E-01	1.77E-04	2.02E-02	4.84E-02	4.23E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Barceloneta Municipio	72017	U	Acrylonitrile	1.86E-04	1.86E-04	1.93E-04	2.09E-04	2.06E-04	2.18E-04	2.20E-04	2.20E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Arsenic Compounds	7.08E-05	7.08E-05	8.42E-05	1.04E-04	1.13E-04	1.41E-04	1.71E-04	1.71E-04	7.72E-07	3.10E-06	1.08E-04	4.74E-07	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Benzene	1.52E+00	1.52E+00	1.57E+00	1.75E+00	1.75E+00	1.92E+00	1.97E+00	1.97E+00	6.57E-03	6.99E-02	6.04E-01	5.87E-01	4.80E-01
Puerto Rico	Barceloneta Municipio	72017	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
Puerto Rico	Barceloneta Municipio	72017	U	Beryllium Compounds	7.09E-07	7.09E-07	7.10E-07	7.48E-07	7.91E-07	8.72E-07	9.60E-07	9.60E-07	1.39E-07	6.45E-07	0.00E+00	7.21E-09	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	1,3-Butadiene	5.40E-02	5.40E-02	6.18E-02	7.68E-02	7.69E-02	9.19E-02	1.00E-01	1.00E-01	2.64E-05	6.96E-03	3.64E-02	3.35E-02	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Cadmium Compounds	2.62E-06	2.62E-06	2.63E-06	2.71E-06	2.76E-06	2.90E-06	3.01E-06	3.01E-06	1.30E-06	1.36E-06	0.00E+00	1.00E-07	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Carbon Disulfide	5.03E-02	5.03E-02	5.04E-02	5.05E-02	5.05E-02	5.07E-02	5.07E-02	5.07E-02	6.02E-04	2.91E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Barceloneta Municipio	72017	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	6.25E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Barceloneta Municipio	72017	U	Chloroform	1.53E-01	1.53E-01	1.73E-01	2.20E-01	2.23E-01	2.72E-01	2.97E-01	2.97E-01	1.36E-01	4.12E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Barceloneta Municipio	72017	U	Chromium Compounds (includes Hexavalent)	7.34E-04	7.34E-04	7.36E-04	7.52E-04	7.93E-04	8.51E-04	9.35E-04	9.35E-04	4.25E-06	5.90E-04	1.14E-04	8.53E-05	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Chromium VI	4.91E-04	4.91E-04	4.94E-04	5.11E-04	5.32E-04	5.70E-04	6.15E-04	6.15E-04	1.19E-06	4.56E-04	4.57E-05	2.90E-05	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	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
Puerto Rico	Barceloneta Municipio	72017	U	1,4-Dichlorobenzene	4.19E-02	4.19E-02	4.41E-02	5.37E-02	5.29E-02	6.17E-02	6.23E-02	6.23E-02	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	1,3-Dichloropropene	7.56E-02	7.56E-02	8.02E-02	9.88E-02	9.70E-02	1.14E-01	1.15E-01	1.15E-01	0.00E+00	9.70E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	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	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Barceloneta Municipio	72017	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.79E-05	1.59E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Barceloneta Municipio	72017	U	Ethylene Oxide	2.20E-03	2.20E-03	2.25E-03	2.44E-03	2.43E-03	2.61E-03	2.64E-03	2.64E-03	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Formaldehyde	1.23E+00	1.23E+00	1.27E+00	1.35E+00	1.35E+00	1.43E+00	1.46E+00	1.46E+00	5.82E-03	1.12E-01	4.28E-01	5.54E-01	2.50E-01
Puerto Rico	Barceloneta Municipio	72017	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.08E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Barceloneta Municipio	72017	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	3.84E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Barceloneta Municipio	72017	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
Puerto Rico	Barceloneta Municipio	72017	U	Hydrazine	2.46E-08	2.46E-08	2.51E-08	3.02E-08	3.06E-08	3.61E-08	3.74E-08	3.74E-08	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Lead Compounds	2.37E-04	2.37E-04	2.52E-04	2.76E-04	2.81E-04	3.10E-04	3.35E-04	3.35E-04	3.42E-06	1.33E-04	1.42E-04	2.21E-06	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Manganese Compounds	1.73E-04	1.73E-04	2.03E-04	2.58E-04	2.48E-04	2.93E-04	3.03E-04	3.03E-04	6.15E-06	1.10E-04	3.61E-05	9.57E-05	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Mercury Compounds	1.58E-03	1.58E-03	1.60E-03	1.62E-03	1.62E-03	1.65E-03	1.68E-03	1.68E-03	6.47E-07	8.38E-06	8.90E-05	2.56E-05	1.50E-03
Puerto Rico	Barceloneta Municipio	72017	U	Methylene Chloride	1.00E+00	1.00E+00	3.52E+00	9.51E+00	3.16E+01	5.98E+01	1.07E+02	1.07E+02	3.12E+01	2.82E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Barceloneta Municipio	72017	U	Nickel Compounds	3.12E-03	3.12E-03	3.20E-03	3.36E-03	3.36E-03	3.52E-03	3.61E-03	3.61E-03	1.93E-03	1.29E-03	8.37E-05	6.29E-05	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Perchloroethylene	2.53E-01	2.53E-01	2.55E-01	2.63E-01	2.65E-01	2.75E-01	2.82E-01	2.82E-01	0.00E+00	1.25E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Barceloneta Municipio	72017	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	8.36E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Barceloneta Municipio	72017	U	Polycyclic Organic Matter	3.65E-02	3.65E-02	3.96E-02	4.67E-02	4.71E-02	5.46E-02	5.84E-02	5.84E-02	3.93E-04	3.20E-02	1.43E-02	3.09E-04	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	7-PAH	5.73E-04	5.73E-04	6.17E-04	6.84E-04	6.74E-04	7.31E-04	7.56E-04	7.56E-04	5.41E-07	5.08E-04	5.90E-05	1.07E-04	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Propylene Dichloride	6.98E-06	6.98E-06	7.27E-06	7.87E-06	7.76E-06	8.26E-06	8.34E-06	8.34E-06	0.00E+00	7.76E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Quinoline	1.62E-07	1.62E-07	1.70E-07	1.86E-07	1.85E-07	1.99E-07	2.05E-07	2.05E-07	0.00E+00	1.85E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	1,1,2,2-Tetrachloroethane	8.41E-07	8.41E-07	8.73E-07	9.44E-07	9.30E-07	9.88E-07	9.93E-07	9.93E-07	0.00E+00	9.30E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barceloneta Municipio	72017	U	Trichloroethylene	1.23E-01	1.23E-01	1.29E-01	1.38E-01	1.38E-01	1.46E-01	1.51E-01	1.51E-01	0.00E+00	5.67E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Barceloneta Municipio	72017	U	Vinyl Chloride	8.10E-06	8.10E-06	8.46E-06	9.19E-06	9.09E-06	9.72E-06	9.89E-06	9.89E-06	0.00E+00	9.09E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Acetaldehyde	9.67E-01	9.67E-01	9.74E-01	1.07E+00	1.10E+00	1.22E+00	1.28E+00	1.28E+00	9.10E-06	5.32E-02	6.73E-01	3.70E-01	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Acrolein	9.15E-02	9.15E-02	9.64E-02	1.02E-01	1.00E-01	1.04E-01	1.06E-01	1.06E-01	2.90E-05	1.81E-02	4.35E-02	3.88E-02	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Acrylonitrile	1.58E-04	1.58E-04	1.62E-04	1.75E-04	1.74E-04	1.85E-04	1.86E-04	1.86E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Arsenic Compounds	6.57E-05	6.57E-05	6.62E-05	7.07E-05	7.11E-05	7.60E-05	7.73E-05	7.73E-05	1.19E-07	9.11E-06	6.18E-05	5.79E-08	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Benzene	1.44E+00	1.44E+00	1.45E+00	1.54E+00	1.56E+00	1.67E+00	1.73E+00	1.73E+00	1.94E-03	6.01E-02	5.29E-01	4.92E-01	4.80E-01
Puerto Rico	Barranquitas Municipio	72019	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
Puerto Rico	Barranquitas Municipio	72019	R	Beryllium Compounds	4.86E-07	4.86E-07	5.13E-07	5.45E-07	5.34E-07	5.56E-07	5.60E-07	5.60E-07	2.32E-08	5.10E-07	0.00E+00	9.15E-10	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	1,3-Butadiene	4.90E-02	4.90E-02	4.91E-02	5.46E-02	5.91E-02	6.92E-02	7.82E-02	7.82E-02	6.65E-06	5.29E-03	2.84E-02	2.54E-02	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Cadmium Compounds	9.38E-06	9.38E-06	9.78E-06	1.08E-05	1.09E-05	1.21E-05	1.26E-05	1.26E-05	9.74E-06	1.17E-06	0.00E+00	1.27E-08	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Carbon Disulfide	4.93E-02	4.93E-02	4.95E-02	4.97E-02	4.97E-02	4.99E-02	5.01E-02	5.01E-02	2.32E-04	2.46E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Barranquitas Municipio	72019	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	0.00E+00	5.28E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Barranquitas Municipio	72019	R	Chloroform	8.81E-02	8.81E-02	8.83E-02	8.85E-02	8.84E-02	8.86E-02	8.86E-02	8.86E-02	1.26E-03	4.19E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Barranquitas Municipio	72019	R	Chromium Compounds (includes Hexavalent)	4.71E-04	4.71E-04	4.78E-04	5.36E-04	5.44E-04	6.10E-04	6.33E-04	6.33E-04	5.52E-07	4.05E-04	6.49E-05	7.37E-05	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Chromium VI	3.53E-04	3.53E-04	3.69E-04	4.34E-04	4.32E-04	4.95E-04	5.06E-04	5.06E-04	1.59E-07	3.80E-04	2.60E-05	2.51E-05	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	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
Puerto Rico	Barranquitas Municipio	72019	R	1,4-Dichlorobenzene	3.86E-02	3.86E-02	3.90E-02	4.25E-02	4.38E-02	4.85E-02	5.14E-02	5.14E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	1,3-Dichloropropene	7.02E-02	7.02E-02	7.07E-02	7.71E-02	7.98E-02	8.89E-02	9.48E-02	9.48E-02	0.00E+00	7.98E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	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	1.30E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Barranquitas Municipio	72019	R	Ethylene Dichloride	6.13E-02	6.13E-02	6.13E-02	6.13E-02	6.13E-02	6.14E-02	6.14E-02	6.14E-02	3.23E-04	1.37E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Barranquitas Municipio	72019	R	Ethylene Oxide	2.53E-03	2.53E-03	2.64E-03	2.85E-03	2.81E-03	2.99E-03	3.02E-03	3.02E-03	6.80E-04	2.13E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Formaldehyde	1.12E+00	1.12E+00	1.14E+00	1.22E+00	1.26E+00	1.37E+00	1.46E+00	1.46E+00	3.96E-05	9.97E-02	4.12E-01	4.94E-01	2.50E-01
Puerto Rico	Barranquitas Municipio	72019	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.62E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Barranquitas Municipio	72019	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	3.24E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Barranquitas Municipio	72019	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
Puerto Rico	Barranquitas Municipio	72019	R	Hydrazine	1.23E-08	1.23E-08	1.62E-08	2.36E-08	2.18E-08	2.73E-08	2.76E-08	2.76E-08	0.00E+00	2.18E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Lead Compounds	3.47E-04	3.47E-04	3.54E-04	3.63E-04	3.61E-04	3.69E-04	3.74E-04	3.74E-04	8.86E-05	1.26E-04	8.51E-05	6.21E-05	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Manganese Compounds	1.00E-04	1.00E-04	2.61E-04	4.30E-04	3.53E-04	4.44E-04	4.49E-04	4.49E-04	9.13E-07	2.50E-04	1.97E-05	8.24E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Barranquitas Municipio	72019	R	Mercury Compounds	1.66E-03	1.66E-03	1.67E-03	1.68E-03	1.68E-03	1.69E-03	1.69E-03	1.69E-03	9.58E-05	7.45E-06	5.13E-05	2.21E-05	1.50E-03
Puerto Rico	Barranquitas Municipio	72019	R	Methylene Chloride	4.32E-01	4.32E-01	4.46E-01	4.68E-01	4.63E-01	4.79E-01	4.83E-01	4.83E-01	1.29E-01	1.84E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Barranquitas Municipio	72019	R	Nickel Compounds	7.04E-04	7.04E-04	7.15E-04	7.40E-04	7.62E-04	8.09E-04	8.64E-04	8.64E-04	3.62E-04	3.16E-04	4.74E-05	3.76E-05	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Perchloroethylene	2.40E-01	2.40E-01	2.43E-01	2.55E-01	2.55E-01	2.66E-01	2.69E-01	2.69E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Barranquitas Municipio	72019	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.02E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Barranquitas Municipio	72019	R	Polycyclic Organic Matter	3.39E-02	3.39E-02	3.44E-02	3.66E-02	3.73E-02	4.02E-02	4.24E-02	4.24E-02	7.94E-05	2.84E-02	8.33E-03	5.32E-04	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	7-PAH	5.29E-04	5.29E-04	5.51E-04	5.77E-04	5.90E-04	6.28E-04	6.77E-04	6.77E-04	9.61E-08	4.65E-04	3.42E-05	9.09E-05	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Propylene Dichloride	5.94E-06	5.94E-06	6.13E-06	6.64E-06	6.56E-06	6.98E-06	7.01E-06	7.01E-06	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Quinoline	1.38E-07	1.38E-07	1.46E-07	1.59E-07	1.55E-07	1.64E-07	1.65E-07	1.65E-07	0.00E+00	1.55E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	1,1,2,2-Tetrachloroethane	7.13E-07	7.13E-07	7.32E-07	7.94E-07	7.85E-07	8.39E-07	8.41E-07	8.41E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Barranquitas Municipio	72019	R	Trichloroethylene	1.12E-01	1.12E-01	1.14E-01	1.18E-01	1.17E-01	1.21E-01	1.21E-01	1.21E-01	0.00E+00	3.63E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Barranquitas Municipio	72019	R	Vinyl Chloride	6.94E-06	6.94E-06	7.23E-06	7.81E-06	7.69E-06	8.14E-06	8.18E-06	8.18E-06	0.00E+00	7.69E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Acetaldehyde	1.15E+00	1.20E+00	1.31E+00	1.48E+00	1.50E+00	1.61E+00	1.86E+00	2.11E+00	2.28E-04	7.92E-02	7.62E-01	6.55E-01	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Acrolein	1.23E-01	1.33E-01	1.50E-01	1.63E-01	1.73E-01	1.82E-01	2.04E-01	2.79E-01	2.91E-04	2.93E-02	6.00E-02	8.35E-02	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Acrylonitrile	9.35E-05	9.83E-05	1.12E-04	1.51E-04	1.98E-04	1.95E-04	2.27E-04	3.06E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Arsenic Compounds	1.12E-04	1.27E-04	1.99E-04	2.73E-04	3.15E-04	3.50E-04	6.05E-04	6.82E-04	3.83E-06	1.54E-04	1.56E-04	2.44E-07	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Benzene	1.85E+00	2.05E+00	2.32E+00	2.58E+00	2.65E+00	2.96E+00	3.37E+00	3.54E+00	3.24E-02	9.51E-02	8.97E-01	1.15E+00	4.80E-01
Puerto Rico	Bayamon Municipio	72021	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
Puerto Rico	Bayamon Municipio	72021	U	Beryllium Compounds	4.02E-07	4.26E-07	5.52E-07	9.38E-07	1.38E-06	1.66E-06	3.22E-06	4.19E-06	6.99E-07	6.76E-07	0.00E+00	4.54E-09	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	1,3-Butadiene	7.53E-02	9.54E-02	1.16E-01	1.47E-01	1.57E-01	1.87E-01	2.28E-01	2.41E-01	4.90E-04	1.48E-02	6.56E-02	7.63E-02	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Cadmium Compounds	7.73E-06	9.31E-06	1.22E-05	1.55E-05	1.89E-05	2.09E-05	3.31E-05	4.56E-05	1.75E-05	1.32E-06	0.00E+00	6.34E-08	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Carbon Disulfide	4.90E-02	4.90E-02	4.94E-02	5.05E-02	5.30E-02	5.33E-02	6.12E-02	6.57E-02	3.04E-03	2.98E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Bayamon Municipio	72021	U	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	0.00E+00	6.07E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Bayamon Municipio	72021	U	Chloroform	8.81E-02	8.88E-02	9.05E-02	9.19E-02	9.24E-02	9.33E-02	9.51E-02	9.69E-02	0.00E+00	9.45E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Bayamon Municipio	72021	U	Chromium Compounds (includes Hexavalent)	4.69E-04	5.06E-04	6.39E-04	8.07E-04	1.02E-03	1.01E-03	1.41E-03	1.71E-03	1.96E-05	7.03E-04	1.63E-04	1.30E-04	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Chromium VI	3.19E-04	3.24E-04	3.84E-04	4.95E-04	6.98E-04	6.57E-04	8.93E-04	1.15E-03	6.19E-06	5.83E-04	6.53E-05	4.42E-05	0.00E+00
Puerto Rico	Bayamon Municipio	72021	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
Puerto Rico	Bayamon Municipio	72021	U	1,4-Dichlorobenzene	4.43E-02	5.62E-02	7.62E-02	9.92E-02	9.89E-02	1.19E-01	1.42E-01	1.53E-01	0.00E+00	9.89E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	1,3-Dichloropropene	8.11E-02	1.04E-01	1.42E-01	1.85E-01	1.85E-01	2.24E-01	2.69E-01	2.90E-01	0.00E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	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	0.00E+00	1.97E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Bayamon Municipio	72021	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.13E-02	6.12E-02	6.16E-02	6.23E-02	2.84E-04	1.86E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Bayamon Municipio	72021	U	Ethylene Oxide	1.40E-03	1.49E-03	1.59E-03	1.87E-03	2.45E-03	2.30E-03	2.85E-03	3.07E-03	1.74E-04	2.27E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Formaldehyde	1.30E+00	1.45E+00	1.60E+00	1.76E+00	1.85E+00	2.03E+00	2.27E+00	2.66E+00	1.09E-03	1.62E-01	5.08E-01	9.32E-01	2.50E-01
Puerto Rico	Bayamon Municipio	72021	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.27E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Bayamon Municipio	72021	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	3.66E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Bayamon Municipio	72021	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
Puerto Rico	Bayamon Municipio	72021	U	Hydrazine	7.71E-09	8.51E-09	1.01E-08	1.54E-08	5.68E-08	2.40E-08	5.76E-08	4.06E-07	0.00E+00	5.68E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Lead Compounds	5.52E-04	6.33E-04	8.11E-04	9.61E-04	1.02E-03	1.13E-03	1.44E-03	1.62E-03	1.20E-04	1.57E-04	2.13E-04	5.29E-04	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Manganese Compounds	1.15E-04	1.39E-04	1.87E-04	2.22E-04	2.39E-04	2.76E-04	3.53E-04	3.90E-04	2.79E-05	6.82E-06	5.27E-05	1.51E-04	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Mercury Compounds	1.67E-03	1.69E-03	1.73E-03	1.79E-03	1.81E-03	1.81E-03	1.92E-03	2.08E-03	1.15E-04	1.14E-05	1.29E-04	5.11E-05	1.50E-03
Puerto Rico	Bayamon Municipio	72021	U	Methylene Chloride	3.58E-01	3.79E-01	4.59E-01	5.16E-01	5.24E-01	5.60E-01	6.21E-01	8.14E-01	4.11E-02	3.33E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Bayamon Municipio	72021	U	Nickel Compounds	1.11E-03	1.31E-03	1.77E-03	2.33E-03	2.62E-03	3.04E-03	4.13E-03	5.89E-03	1.01E-03	1.39E-03	1.20E-04	9.91E-05	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Perchloroethylene	2.32E-01	2.39E-01	2.78E-01	3.23E-01	3.68E-01	3.56E-01	3.84E-01	4.52E-01	0.00E+00	2.28E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Bayamon Municipio	72021	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	5.51E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Bayamon Municipio	72021	U	Polycyclic Organic Matter	4.37E-02	4.95E-02	6.84E-02	8.39E-02	8.70E-02	1.00E-01	1.19E-01	1.63E-01	2.74E-03	6.05E-02	2.04E-02	3.35E-03	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	7-PAH	5.07E-04	5.22E-04	6.28E-04	7.42E-04	1.17E-03	8.89E-04	1.77E-03	3.91E-03	2.78E-06	8.68E-04	8.38E-05	2.14E-04	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Propylene Dichloride	3.69E-06	3.88E-06	4.35E-06	5.79E-06	7.96E-06	7.27E-06	1.03E-05	1.46E-05	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Quinoline	1.01E-07	1.05E-07	1.12E-07	1.42E-07	2.39E-07	1.75E-07	2.79E-07	1.08E-06	0.00E+00	2.39E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	1,1,2,2-Tetrachloroethane	4.20E-07	4.42E-07	4.99E-07	6.82E-07	8.90E-07	8.28E-07	1.04E-06	1.39E-06	0.00E+00	8.90E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Bayamon Municipio	72021	U	Trichloroethylene	1.01E-01	1.02E-01	1.04E-01	1.11E-01	1.22E-01	1.18E-01	1.25E-01	1.34E-01	0.00E+00	4.11E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Bayamon Municipio	72021	U	Vinyl Chloride	4.72E-06	4.96E-06	5.56E-06	7.01E-06	1.05E-05	8.69E-06	1.23E-05	3.46E-05	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Acetaldehyde	3.51E-01	3.51E-01	5.26E-01	7.97E-01	7.15E-01	8.43E-01	8.67E-01	8.67E-01	0.00E+00	2.71E-02	4.29E-01	2.59E-01	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Acrolein	3.28E-02	3.28E-02	4.50E-02	6.59E-02	5.92E-02	7.10E-02	7.38E-02	7.38E-02	0.00E+00	8.99E-03	2.46E-02	2.56E-02	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Acrylonitrile	7.73E-05	7.73E-05	9.10E-05	9.65E-05	1.00E-04	1.18E-04	1.24E-04	1.24E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Arsenic Compounds	1.90E-05	1.90E-05	2.93E-05	4.92E-05	4.41E-05	6.00E-05	6.06E-05	6.06E-05	0.00E+00	1.42E-06	4.27E-05	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Benzene	7.96E-01	7.96E-01	1.01E+00	1.27E+00	1.25E+00	1.53E+00	1.56E+00	1.56E+00	0.00E+00	3.27E-02	3.68E-01	3.73E-01	4.80E-01
Puerto Rico	Cabo Rojo Municipio	72023	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
Puerto Rico	Cabo Rojo Municipio	72023	U	Beryllium Compounds	1.98E-07	1.98E-07	2.28E-07	2.40E-07	2.49E-07	2.95E-07	3.10E-07	3.10E-07	0.00E+00	2.49E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	1,3-Butadiene	2.07E-02	2.07E-02	3.24E-02	5.06E-02	5.14E-02	7.14E-02	7.90E-02	7.90E-02	0.00E+00	2.90E-03	2.55E-02	2.29E-02	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Cadmium Compounds	4.76E-07	4.76E-07	5.40E-07	5.75E-07	5.96E-07	7.06E-07	7.49E-07	7.49E-07	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Carbon Disulfide	4.81E-02	4.81E-02	4.83E-02	4.84E-02	4.84E-02	4.87E-02	4.88E-02	4.88E-02	0.00E+00	1.41E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Cabo Rojo Municipio	72023	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	0.00E+00	3.07E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Cabo Rojo Municipio	72023	U	Chloroform	8.44E-02	8.44E-02	8.48E-02	8.50E-02	8.51E-02	8.54E-02	8.55E-02	8.55E-02	0.00E+00	2.05E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Cabo Rojo Municipio	72023	U	Chromium Compounds (includes Hexavalent)	2.03E-04	2.03E-04	2.55E-04	3.14E-04	3.10E-04	3.61E-04	3.92E-04	3.92E-04	0.00E+00	2.10E-04	4.52E-05	5.50E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Cabo Rojo Municipio	72023	U	Chromium VI	1.75E-04	1.75E-04	2.10E-04	2.34E-04	2.42E-04	2.94E-04	2.97E-04	2.97E-04	0.00E+00	2.05E-04	1.81E-05	1.87E-05	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	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
Puerto Rico	Cabo Rojo Municipio	72023	U	1,4-Dichlorobenzene	1.29E-02	1.29E-02	2.19E-02	3.25E-02	3.36E-02	4.79E-02	4.90E-02	4.90E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	1,3-Dichloropropene	2.37E-02	2.37E-02	4.05E-02	6.06E-02	6.28E-02	9.00E-02	9.21E-02	9.21E-02	0.00E+00	6.28E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	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	0.00E+00	7.46E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Cabo Rojo Municipio	72023	U	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	0.00E+00	8.44E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Cabo Rojo Municipio	72023	U	Ethylene Oxide	1.66E-03	1.66E-03	2.56E-03	3.28E-03	3.16E-03	3.85E-03	4.34E-03	4.34E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Formaldehyde	5.47E-01	5.47E-01	6.99E-01	9.17E-01	8.78E-01	1.03E+00	1.06E+00	1.06E+00	0.00E+00	4.73E-02	2.46E-01	3.35E-01	2.50E-01
Puerto Rico	Cabo Rojo Municipio	72023	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.44E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Cabo Rojo Municipio	72023	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	1.87E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Cabo Rojo Municipio	72023	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
Puerto Rico	Cabo Rojo Municipio	72023	U	Hydrazine	1.24E-08	1.24E-08	1.26E-08	1.48E-08	1.54E-08	1.87E-08	2.04E-08	2.04E-08	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Lead Compounds	7.74E-05	7.74E-05	9.91E-05	1.21E-04	1.22E-04	1.55E-04	1.60E-04	1.60E-04	0.00E+00	6.47E-05	5.74E-05	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Manganese Compounds	3.93E-04	3.93E-04	8.08E-04	1.86E-03	2.04E-03	3.15E-03	3.53E-03	3.53E-03	0.00E+00	1.96E-03	1.44E-05	6.13E-05	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Mercury Compounds	1.52E-03	1.52E-03	1.54E-03	1.56E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	0.00E+00	4.06E-06	3.48E-05	1.55E-05	1.50E-03
Puerto Rico	Cabo Rojo Municipio	72023	U	Methylene Chloride	2.36E-01	2.36E-01	2.66E-01	2.89E-01	2.92E-01	3.30E-01	3.37E-01	3.37E-01	7.39E-03	1.35E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Cabo Rojo Municipio	72023	U	Nickel Compounds	1.80E-03	1.80E-03	1.95E-03	2.19E-03	2.11E-03	2.28E-03	2.30E-03	2.30E-03	1.98E-03	6.97E-05	3.31E-05	2.67E-05	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Perchloroethylene	1.88E-01	1.88E-01	1.95E-01	2.02E-01	2.04E-01	2.15E-01	2.20E-01	2.20E-01	0.00E+00	6.36E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Cabo Rojo Municipio	72023	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Cabo Rojo Municipio	72023	U	Polycyclic Organic Matter	1.16E-02	1.16E-02	1.72E-02	2.50E-02	2.52E-02	3.46E-02	3.48E-02	3.48E-02	0.00E+00	1.94E-02	5.69E-03	1.27E-04	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	7-PAH	2.54E-04	2.54E-04	2.56E-04	2.95E-04	3.05E-04	3.28E-04	4.17E-04	4.17E-04	0.00E+00	2.17E-04	2.33E-05	6.49E-05	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Propylene Dichloride	2.91E-06	2.91E-06	3.43E-06	3.67E-06	3.77E-06	4.45E-06	4.68E-06	4.68E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Quinoline	6.92E-08	6.92E-08	8.17E-08	8.92E-08	9.01E-08	1.07E-07	1.10E-07	1.10E-07	0.00E+00	9.01E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	1,1,2,2-Tetrachloroethane	3.50E-07	3.50E-07	4.12E-07	4.36E-07	4.52E-07	5.34E-07	5.63E-07	5.63E-07	0.00E+00	4.52E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cabo Rojo Municipio	72023	U	Trichloroethylene	9.72E-02	9.72E-02	9.95E-02	1.00E-01	1.01E-01	1.05E-01	1.06E-01	1.06E-01	0.00E+00	2.03E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Cabo Rojo Municipio	72023	U	Vinyl Chloride	3.38E-06	3.38E-06	4.01E-06	4.37E-06	4.42E-06	5.22E-06	5.44E-06	5.44E-06	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Acetaldehyde	7.69E-01	8.12E-01	1.01E+00	1.12E+00	1.13E+00	1.28E+00	1.34E+00	1.42E+00	1.08E-05	3.68E-02	6.03E-01	4.89E-01	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Acrolein	8.54E-02	9.01E-02	9.47E-02	1.11E-01	1.09E-01	1.18E-01	1.29E-01	1.36E-01	5.13E-05	1.35E-02	4.31E-02	5.24E-02	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Acrylonitrile	1.01E-04	1.02E-04	1.09E-04	1.38E-04	1.70E-04	1.99E-04	2.48E-04	3.78E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Arsenic Compounds	7.47E-05	8.64E-05	9.76E-05	1.32E-04	1.45E-04	1.69E-04	2.21E-04	3.00E-04	1.81E-07	1.14E-05	1.33E-04	1.94E-07	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Benzene	1.51E+00	1.56E+00	1.69E+00	1.96E+00	2.05E+00	2.35E+00	2.54E+00	2.82E+00	2.21E-03	5.40E-02	6.73E-01	8.42E-01	4.80E-01
Puerto Rico	Caguas Municipio	72025	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
Puerto Rico	Caguas Municipio	72025	U	Beryllium Compounds	4.32E-07	4.37E-07	4.65E-07	5.73E-07	6.52E-07	7.61E-07	8.84E-07	1.39E-06	3.86E-08	6.10E-07	0.00E+00	2.94E-09	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	1,3-Butadiene	6.38E-02	7.10E-02	8.38E-02	1.05E-01	1.16E-01	1.43E-01	1.61E-01	1.84E-01	1.11E-05	4.78E-03	5.23E-02	5.88E-02	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Cadmium Compounds	4.63E-06	6.97E-06	9.30E-06	2.14E-05	7.12E-05	5.13E-05	1.81E-04	4.11E-04	6.99E-05	1.28E-06	0.00E+00	4.09E-08	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Carbon Disulfide	4.90E-02	4.91E-02	4.92E-02	4.95E-02	5.00E-02	5.04E-02	5.15E-02	5.30E-02	6.26E-04	2.40E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Caguas Municipio	72025	U	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	0.00E+00	5.20E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Caguas Municipio	72025	U	Chloroform	8.57E-02	8.57E-02	8.61E-02	8.65E-02	8.69E-02	8.72E-02	8.77E-02	9.06E-02	0.00E+00	3.92E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Caguas Municipio	72025	U	Chromium Compounds (includes Hexavalent)	4.54E-04	4.67E-04	5.33E-04	6.22E-04	8.13E-04	8.56E-04	1.15E-03	2.30E-03	6.38E-07	5.52E-04	1.38E-04	1.23E-04	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Chromium VI	3.20E-04	3.29E-04	3.74E-04	4.50E-04	6.29E-04	6.37E-04	9.77E-04	2.08E-03	1.97E-07	5.32E-04	5.51E-05	4.17E-05	0.00E+00
Puerto Rico	Caguas Municipio	72025	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
Puerto Rico	Caguas Municipio	72025	U	1,4-Dichlorobenzene	3.78E-02	3.97E-02	4.67E-02	6.84E-02	7.24E-02	8.87E-02	1.07E-01	1.28E-01	0.00E+00	7.24E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	1,3-Dichloropropene	7.04E-02	7.38E-02	8.73E-02	1.29E-01	1.37E-01	1.68E-01	2.03E-01	2.43E-01	0.00E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	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	0.00E+00	1.27E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Caguas Municipio	72025	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	4.91E-05	1.51E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Caguas Municipio	72025	U	Ethylene Oxide	2.07E-03	2.11E-03	2.17E-03	2.38E-03	2.71E-03	2.89E-03	4.20E-03	4.49E-03	9.04E-04	1.81E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Formaldehyde	1.07E+00	1.16E+00	1.25E+00	1.42E+00	1.44E+00	1.59E+00	1.72E+00	1.97E+00	4.18E-05	7.30E-02	4.17E-01	6.99E-01	2.50E-01
Puerto Rico	Caguas Municipio	72025	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.36E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Caguas Municipio	72025	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	3.17E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Caguas Municipio	72025	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
Puerto Rico	Caguas Municipio	72025	U	Hydrazine	1.03E-08	1.05E-08	1.15E-08	2.00E-08	3.31E-08	3.68E-08	7.99E-08	1.27E-07	0.00E+00	3.31E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Lead Compounds	3.67E-04	3.84E-04	4.69E-04	5.97E-04	1.03E-03	9.08E-04	2.02E-03	4.07E-03	6.46E-04	1.29E-04	1.95E-04	5.65E-05	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Manganese Compounds	1.20E-04	1.29E-04	1.36E-04	1.68E-04	1.91E-04	2.40E-04	2.85E-04	2.88E-04	1.32E-06	6.86E-06	4.46E-05	1.38E-04	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Mercury Compounds	1.64E-03	1.67E-03	1.72E-03	1.85E-03	2.31E-03	2.17E-03	3.36E-03	5.47E-03	6.55E-04	6.57E-06	1.11E-04	3.76E-05	1.50E-03
Puerto Rico	Caguas Municipio	72025	U	Methylene Chloride	4.06E-01	4.36E-01	4.52E-01	5.29E-01	8.31E-01	6.57E-01	9.34E-01	3.55E+00	3.62E-01	3.19E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Caguas Municipio	72025	U	Nickel Compounds	8.11E-04	8.56E-04	8.77E-04	9.44E-04	9.66E-04	1.02E-03	1.15E-03	1.16E-03	4.84E-04	3.09E-04	1.01E-04	7.20E-05	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Perchloroethylene	2.19E-01	2.20E-01	2.33E-01	2.47E-01	2.69E-01	2.87E-01	3.30E-01	4.23E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Caguas Municipio	72025	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.12E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Caguas Municipio	72025	U	Polycyclic Organic Matter	3.95E-02	4.26E-02	4.76E-02	5.41E-02	6.17E-02	7.38E-02	8.75E-02	9.33E-02	1.50E-04	4.33E-02	1.76E-02	6.05E-04	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	7-PAH	3.78E-04	3.90E-04	4.30E-04	4.89E-04	5.76E-04	5.63E-04	6.69E-04	1.45E-03	1.65E-07	3.61E-04	7.17E-05	1.43E-04	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Propylene Dichloride	3.83E-06	3.88E-06	4.13E-06	5.30E-06	6.41E-06	7.28E-06	9.75E-06	1.45E-05	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Quinoline	9.20E-08	9.40E-08	9.86E-08	1.26E-07	1.55E-07	1.56E-07	2.78E-07	3.79E-07	0.00E+00	1.55E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	1,1,2,2-Tetrachloroethane	4.57E-07	4.61E-07	4.91E-07	6.23E-07	7.68E-07	9.10E-07	1.13E-06	1.71E-06	0.00E+00	7.68E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Caguas Municipio	72025	U	Trichloroethylene	1.02E-01	1.02E-01	1.03E-01	1.10E-01	1.18E-01	1.27E-01	1.39E-01	1.68E-01	0.00E+00	3.69E-02	0.00E+00	0.00E+00	8.10E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Caguas Municipio	72025	U	Vinyl Chloride	4.54E-06	4.59E-06	4.90E-06	6.17E-06	7.51E-06	8.72E-06	1.24E-05	1.75E-05	0.00E+00	7.51E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Acetaldehyde	7.18E-01	7.18E-01	7.64E-01	8.24E-01	8.25E-01	9.02E-01	9.17E-01	9.17E-01	0.00E+00	4.40E-02	4.96E-01	2.85E-01	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Acrolein	7.17E-02	7.17E-02	7.62E-02	8.20E-02	8.21E-02	9.01E-02	9.03E-02	9.03E-02	0.00E+00	1.42E-02	3.66E-02	3.12E-02	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Acrylonitrile	1.23E-04	1.23E-04	1.25E-04	1.34E-04	1.32E-04	1.37E-04	1.38E-04	1.38E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Arsenic Compounds	4.01E-05	4.01E-05	4.60E-05	6.30E-05	6.13E-05	7.18E-05	8.39E-05	8.39E-05	0.00E+00	1.78E-06	5.95E-05	8.32E-09	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Benzene	1.14E+00	1.14E+00	1.28E+00	1.39E+00	1.37E+00	1.46E+00	1.55E+00	1.55E+00	3.30E-04	4.65E-02	4.23E-01	4.16E-01	4.80E-01
Puerto Rico	Camuy Municipio	72027	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
Puerto Rico	Camuy Municipio	72027	U	Beryllium Compounds	3.06E-07	3.06E-07	3.12E-07	3.32E-07	3.28E-07	3.41E-07	3.47E-07	3.47E-07	0.00E+00	3.28E-07	0.00E+00	1.17E-10	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	1,3-Butadiene	3.22E-02	3.22E-02	4.49E-02	4.88E-02	4.81E-02	5.30E-02	6.12E-02	6.12E-02	0.00E+00	3.73E-03	2.18E-02	2.26E-02	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Cadmium Compounds	7.53E-07	7.53E-07	7.65E-07	7.85E-07	7.96E-07	8.00E-07	8.84E-07	8.84E-07	0.00E+00	7.94E-07	0.00E+00	1.63E-09	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Carbon Disulfide	4.88E-02	4.88E-02	4.88E-02	4.89E-02	4.89E-02	4.89E-02	4.89E-02	4.89E-02	0.00E+00	1.86E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Camuy Municipio	72027	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	0.00E+00	4.01E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Camuy Municipio	72027	U	Chloroform	9.57E-02	9.57E-02	9.88E-02	1.04E-01	1.03E-01	1.06E-01	1.08E-01	1.08E-01	1.71E-02	2.64E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Camuy Municipio	72027	U	Chromium Compounds (includes Hexavalent)	3.47E-04	3.47E-04	3.63E-04	4.20E-04	4.12E-04	4.57E-04	4.64E-04	4.64E-04	0.00E+00	2.87E-04	6.39E-05	6.11E-05	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Chromium VI	2.86E-04	2.86E-04	2.93E-04	3.31E-04	3.27E-04	3.59E-04	3.63E-04	3.63E-04	0.00E+00	2.81E-04	2.56E-05	2.08E-05	0.00E+00
Puerto Rico	Camuy Municipio	72027	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
Puerto Rico	Camuy Municipio	72027	U	1,4-Dichlorobenzene	2.36E-02	2.36E-02	2.82E-02	4.04E-02	3.89E-02	4.73E-02	5.36E-02	5.36E-02	0.00E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	1,3-Dichloropropene	4.25E-02	4.25E-02	5.11E-02	7.45E-02	7.16E-02	8.76E-02	9.96E-02	9.96E-02	0.00E+00	7.16E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	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	0.00E+00	9.80E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Camuy Municipio	72027	U	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	0.00E+00	1.08E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Camuy Municipio	72027	U	Ethylene Oxide	2.26E-03	2.26E-03	2.43E-03	2.49E-03	2.48E-03	2.55E-03	2.67E-03	2.67E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Formaldehyde	8.43E-01	8.43E-01	9.28E-01	9.81E-01	9.78E-01	1.07E+00	1.07E+00	1.07E+00	2.78E-03	7.13E-02	2.78E-01	3.76E-01	2.50E-01
Puerto Rico	Camuy Municipio	72027	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.02E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Camuy Municipio	72027	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	2.46E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Camuy Municipio	72027	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
Puerto Rico	Camuy Municipio	72027	U	Hydrazine	1.32E-08	1.32E-08	1.38E-08	1.55E-08	1.55E-08	1.69E-08	1.85E-08	1.85E-08	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Lead Compounds	1.40E-04	1.40E-04	1.51E-04	1.59E-04	1.56E-04	1.61E-04	1.65E-04	1.65E-04	0.00E+00	7.61E-05	7.98E-05	3.91E-08	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Manganese Compounds	1.84E-04	1.84E-04	2.23E-04	2.42E-04	3.97E-04	2.60E-04	1.23E-03	1.23E-03	0.00E+00	3.09E-04	1.99E-05	6.79E-05	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	1.58E-03	1.59E-03	1.59E-03	0.00E+00	5.40E-06	4.81E-05	1.76E-05	1.50E-03
Puerto Rico	Camuy Municipio	72027	U	Methylene Chloride	1.21E+00	1.21E+00	1.66E+00	2.31E+00	2.19E+00	2.70E+00	2.97E+00	2.97E+00	1.88E+00	1.66E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Camuy Municipio	72027	U	Nickel Compounds	2.06E-04	2.06E-04	2.73E-04	3.06E-04	5.20E-04	9.68E-04	1.06E-03	1.06E-03	2.87E-04	1.58E-04	4.67E-05	2.91E-05	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Perchloroethylene	2.08E-01	2.08E-01	2.12E-01	2.18E-01	2.16E-01	2.20E-01	2.22E-01	2.22E-01	0.00E+00	7.64E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Camuy Municipio	72027	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Camuy Municipio	72027	U	Polycyclic Organic Matter	2.12E-02	2.12E-02	2.45E-02	3.20E-02	3.12E-02	3.64E-02	4.09E-02	4.09E-02	0.00E+00	2.30E-02	8.07E-03	1.39E-04	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	7-PAH	3.69E-04	3.69E-04	3.79E-04	4.21E-04	4.36E-04	4.97E-04	5.30E-04	5.30E-04	0.00E+00	3.31E-04	3.29E-05	7.23E-05	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Propylene Dichloride	4.68E-06	4.68E-06	4.70E-06	5.07E-06	4.97E-06	5.12E-06	5.15E-06	5.15E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Quinoline	1.10E-07	1.10E-07	1.12E-07	1.17E-07	1.17E-07	1.22E-07	1.23E-07	1.23E-07	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	1,1,2,2-Tetrachloroethane	5.58E-07	5.58E-07	5.65E-07	6.04E-07	5.96E-07	6.18E-07	6.24E-07	6.24E-07	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Camuy Municipio	72027	U	Trichloroethylene	1.07E-01	1.07E-01	1.08E-01	1.10E-01	1.10E-01	1.11E-01	1.12E-01	1.12E-01	0.00E+00	2.87E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Camuy Municipio	72027	U	Vinyl Chloride	5.49E-06	5.49E-06	5.52E-06	5.91E-06	5.81E-06	5.98E-06	6.03E-06	6.03E-06	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Acetaldehyde	3.84E-01	3.84E-01	6.18E-01	6.59E-01	7.57E-01	7.35E-01	1.65E+00	1.65E+00	5.23E-06	3.32E-02	4.19E-01	3.04E-01	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Acrolein	4.24E-02	4.24E-02	5.35E-02	5.75E-02	6.11E-02	6.37E-02	9.92E-02	9.92E-02	2.30E-05	1.07E-02	2.14E-02	2.89E-02	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Acrylonitrile	6.83E-05	6.83E-05	8.29E-05	9.83E-05	9.94E-05	1.16E-04	1.40E-04	1.40E-04	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Arsenic Compounds	3.01E-05	3.01E-05	5.09E-05	6.47E-05	6.26E-05	6.82E-05	1.18E-04	1.18E-04	8.43E-08	6.00E-06	5.62E-05	3.42E-07	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Benzene	8.71E-01	8.71E-01	1.21E+00	1.28E+00	1.39E+00	1.37E+00	2.45E+00	2.45E+00	9.53E-04	3.85E-02	3.99E-01	4.70E-01	4.80E-01
Puerto Rico	Canovanas Municipio	72029	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
Puerto Rico	Canovanas Municipio	72029	U	Beryllium Compounds	2.37E-07	2.37E-07	2.77E-07	3.06E-07	3.24E-07	3.67E-07	4.46E-07	4.46E-07	1.73E-08	3.02E-07	0.00E+00	5.20E-09	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	1,3-Butadiene	2.89E-02	2.89E-02	5.01E-02	6.28E-02	7.14E-02	6.58E-02	1.72E-01	1.72E-01	3.97E-06	5.06E-03	3.33E-02	3.30E-02	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Cadmium Compounds	1.80E-06	1.80E-06	2.83E-06	2.88E-06	2.75E-06	2.91E-06	3.21E-06	3.21E-06	1.98E-06	7.03E-07	0.00E+00	7.22E-08	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Carbon Disulfide	4.82E-02	4.82E-02	4.84E-02	4.86E-02	4.87E-02	4.89E-02	4.92E-02	4.92E-02	2.39E-04	1.42E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Canovanas Municipio	72029	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	0.00E+00	3.05E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Canovanas Municipio	72029	U	Chloroform	8.50E-02	8.50E-02	8.57E-02	8.59E-02	8.61E-02	8.64E-02	8.77E-02	8.77E-02	0.00E+00	3.12E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Canovanas Municipio	72029	U	Chromium Compounds (includes Hexavalent)	2.50E-04	2.50E-04	3.30E-04	3.42E-04	3.77E-04	4.03E-04	5.97E-04	5.97E-04	3.38E-07	2.46E-04	5.83E-05	7.27E-05	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Chromium VI	2.12E-04	2.12E-04	2.42E-04	2.62E-04	2.84E-04	3.01E-04	4.04E-04	4.04E-04	1.01E-07	2.35E-04	2.33E-05	2.47E-05	0.00E+00
Puerto Rico	Canovanas Municipio	72029	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
Puerto Rico	Canovanas Municipio	72029	U	1,4-Dichlorobenzene	1.35E-02	1.35E-02	2.68E-02	4.13E-02	4.01E-02	4.43E-02	9.31E-02	9.31E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	1,3-Dichloropropene	2.48E-02	2.48E-02	4.99E-02	7.83E-02	7.58E-02	8.40E-02	1.78E-01	1.78E-01	0.00E+00	7.58E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	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	0.00E+00	7.92E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Canovanas Municipio	72029	U	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-05	8.99E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Canovanas Municipio	72029	U	Ethylene Oxide	9.07E-04	9.07E-04	1.02E-03	1.21E-03	1.23E-03	1.39E-03	1.65E-03	1.65E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Formaldehyde	6.22E-01	6.22E-01	8.41E-01	9.25E-01	9.95E-01	9.63E-01	1.86E+00	1.86E+00	2.09E-05	6.29E-02	2.65E-01	4.17E-01	2.50E-01
Puerto Rico	Canovanas Municipio	72029	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.64E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Canovanas Municipio	72029	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	1.85E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Canovanas Municipio	72029	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

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Canovanas Municipio	72029	U	Hydrazine	1.31E-08	1.31E-08	1.83E-08	1.89E-08	2.24E-08	2.49E-08	3.78E-08	3.78E-08	0.00E+00	2.24E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Lead Compounds	1.46E-04	1.46E-04	1.84E-04	2.06E-04	2.20E-04	2.50E-04	3.38E-04	3.38E-04	1.75E-05	8.40E-05	7.54E-05	4.30E-05	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Manganese Compounds	3.90E-05	3.90E-05	7.22E-05	1.08E-04	1.05E-04	1.16E-04	2.34E-04	2.34E-04	6.26E-07	3.99E-06	1.88E-05	8.18E-05	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Mercury Compounds	1.55E-03	1.55E-03	1.58E-03	1.59E-03	1.59E-03	1.60E-03	1.67E-03	1.67E-03	1.81E-05	5.01E-06	4.67E-05	2.13E-05	1.50E-03
Puerto Rico	Canovanas Municipio	72029	U	Methylene Chloride	2.62E-01	2.62E-01	2.99E-01	3.10E-01	3.16E-01	3.31E-01	3.75E-01	3.75E-01	2.51E-02	1.41E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Canovanas Municipio	72029	U	Nickel Compounds	2.22E-04	2.22E-04	2.83E-04	3.24E-04	3.12E-04	3.30E-04	4.25E-04	4.25E-04	8.32E-05	1.40E-04	4.29E-05	4.66E-05	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Perchloroethylene	2.02E-01	2.02E-01	2.09E-01	2.14E-01	2.23E-01	2.35E-01	2.57E-01	2.57E-01	0.00E+00	8.28E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Canovanas Municipio	72029	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	6.20E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Canovanas Municipio	72029	U	Polycyclic Organic Matter	1.50E-02	1.50E-02	2.39E-02	3.25E-02	3.25E-02	3.48E-02	6.84E-02	6.84E-02	6.67E-05	2.47E-02	7.29E-03	4.69E-04	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	7-PAH	3.39E-04	3.39E-04	3.80E-04	3.94E-04	4.29E-04	5.26E-04	5.45E-04	5.45E-04	7.42E-08	3.09E-04	3.01E-05	9.00E-05	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Propylene Dichloride	2.62E-06	2.62E-06	3.14E-06	3.77E-06	3.80E-06	4.36E-06	5.35E-06	5.35E-06	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Quinoline	6.76E-08	6.76E-08	7.52E-08	9.63E-08	9.70E-08	1.05E-07	1.40E-07	1.40E-07	0.00E+00	9.70E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	1,1,2,2-Tetrachloroethane	3.08E-07	3.08E-07	3.75E-07	4.44E-07	4.49E-07	5.23E-07	6.32E-07	6.32E-07	0.00E+00	4.49E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Canovanas Municipio	72029	U	Trichloroethylene	9.57E-02	9.57E-02	9.94E-02	1.02E-01	1.03E-01	1.06E-01	1.12E-01	1.12E-01	0.00E+00	2.20E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Canovanas Municipio	72029	U	Vinyl Chloride	3.18E-06	3.18E-06	3.71E-06	4.54E-06	4.57E-06	5.08E-06	6.45E-06	6.45E-06	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Acetaldehyde	4.87E-01	6.34E-01	7.12E-01	7.79E-01	8.77E-01	9.72E-01	1.25E+00	1.45E+00	7.42E-06	6.56E-02	3.90E-01	4.21E-01	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Acrolein	6.95E-02	7.25E-02	8.75E-02	1.23E-01	1.30E-01	1.53E-01	2.00E-01	2.40E-01	3.17E-05	2.89E-02	2.99E-02	7.14E-02	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Acrylonitrile	7.90E-05	9.16E-05	1.09E-04	1.40E-04	2.35E-04	2.53E-04	6.86E-04	8.52E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Arsenic Compounds	5.17E-05	5.80E-05	6.79E-05	9.12E-05	1.41E-04	1.56E-04	3.30E-04	5.31E-04	1.49E-07	1.82E-05	1.22E-04	2.67E-07	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Benzene	1.42E+00	1.45E+00	1.69E+00	2.00E+00	2.06E+00	2.43E+00	2.67E+00	3.12E+00	1.02E-03	1.01E-01	5.77E-01	9.02E-01	4.80E-01
Puerto Rico	Carolina Municipio	72031	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
Puerto Rico	Carolina Municipio	72031	U	Beryllium Compounds	2.94E-07	3.58E-07	4.26E-07	5.74E-07	7.41E-07	7.93E-07	1.57E-06	2.04E-06	2.79E-08	7.09E-07	0.00E+00	4.05E-09	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	1,3-Butadiene	7.24E-02	7.42E-02	1.02E-01	1.31E-01	1.43E-01	1.78E-01	2.36E-01	2.45E-01	7.43E-06	1.48E-02	5.19E-02	7.68E-02	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Cadmium Compounds	4.01E-06	4.20E-06	6.15E-06	1.00E-05	6.09E-05	2.44E-05	7.61E-05	3.58E-04	5.93E-05	1.61E-06	0.00E+00	5.62E-08	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Carbon Disulfide	4.84E-02	4.86E-02	4.89E-02	4.94E-02	5.05E-02	5.06E-02	5.62E-02	5.85E-02	2.15E-04	3.28E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Carolina Municipio	72031	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	0.00E+00	7.07E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Carolina Municipio	72031	U	Chloroform	8.70E-02	8.72E-02	9.01E-02	9.77E-02	1.16E-01	1.39E-01	1.79E-01	1.99E-01	6.16E-05	3.30E-02	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Carolina Municipio	72031	U	Chromium Compounds (includes Hexavalent)	3.95E-04	4.14E-04	4.36E-04	5.74E-04	7.82E-04	9.02E-04	1.77E-03	1.83E-03	7.23E-07	5.50E-04	1.26E-04	1.05E-04	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Chromium VI	2.63E-04	2.95E-04	3.36E-04	4.71E-04	6.11E-04	7.48E-04	1.47E-03	1.58E-03	2.11E-07	5.25E-04	5.04E-05	3.57E-05	0.00E+00
Puerto Rico	Carolina Municipio	72031	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
Puerto Rico	Carolina Municipio	72031	U	1,4-Dichlorobenzene	2.89E-02	3.17E-02	4.89E-02	8.00E-02	7.49E-02	1.01E-01	1.08E-01	1.28E-01	0.00E+00	7.49E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	1,3-Dichloropropene	5.40E-02	5.96E-02	9.24E-02	1.52E-01	1.42E-01	1.92E-01	2.07E-01	2.44E-01	0.00E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	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	0.00E+00	1.62E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Carolina Municipio	72031	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	1.78E-05	2.02E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Carolina Municipio	72031	U	Ethylene Oxide	9.21E-04	1.22E-03	1.40E-03	1.86E-03	2.80E-03	3.00E-03	6.45E-03	1.02E-02	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Formaldehyde	8.97E-01	9.69E-01	1.15E+00	1.33E+00	1.42E+00	1.66E+00	1.89E+00	2.40E+00	4.03E-05	1.55E-01	3.03E-01	7.15E-01	2.50E-01
Puerto Rico	Carolina Municipio	72031	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.79E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Carolina Municipio	72031	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	4.41E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Carolina Municipio	72031	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
Puerto Rico	Carolina Municipio	72031	U	Hydrazine	8.58E-09	2.23E-08	2.99E-08	4.25E-08	5.58E-08	6.57E-08	1.22E-07	1.65E-07	0.00E+00	5.58E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Lead Compounds	2.96E-04	3.19E-04	4.08E-04	6.92E-04	2.64E-03	2.02E-03	9.49E-03	1.51E-02	5.47E-04	2.41E-04	1.30E-04	1.73E-03	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Manganese Compounds	7.34E-05	9.09E-05	1.06E-04	1.67E-04	1.73E-04	2.25E-04	2.69E-04	3.18E-04	1.13E-06	8.89E-06	4.14E-05	1.22E-04	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Mercury Compounds	1.59E-03	1.60E-03	1.65E-03	1.70E-03	2.21E-03	2.03E-03	2.50E-03	4.94E-03	5.55E-04	1.30E-05	1.02E-04	3.93E-05	1.50E-03
Puerto Rico	Carolina Municipio	72031	U	Methylene Chloride	3.27E-01	3.31E-01	3.80E-01	4.52E-01	5.24E-01	5.85E-01	9.15E-01	1.03E+00	5.20E-02	3.22E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Carolina Municipio	72031	U	Nickel Compounds	3.24E-04	3.48E-04	4.11E-04	5.26E-04	5.99E-04	7.13E-04	1.01E-03	1.04E-03	1.53E-04	2.74E-04	9.28E-05	7.82E-05	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Perchloroethylene	2.15E-01	2.17E-01	2.27E-01	2.64E-01	3.37E-01	3.50E-01	7.03E-01	8.40E-01	0.00E+00	1.97E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Carolina Municipio	72031	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.41E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Carolina Municipio	72031	U	Polycyclic Organic Matter	3.11E-02	3.43E-02	3.89E-02	6.84E-02	7.31E-02	9.53E-02	1.21E-01	1.40E-01	8.71E-05	4.85E-02	1.56E-02	8.98E-03	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	7-PAH	3.38E-04	3.58E-04	4.72E-04	7.37E-04	1.06E-03	1.35E-03	2.81E-03	2.96E-03	1.09E-07	8.47E-04	6.46E-05	1.51E-04	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Propylene Dichloride	2.99E-06	3.72E-06	4.41E-06	5.97E-06	8.75E-06	8.90E-06	2.40E-05	3.00E-05	0.00E+00	8.75E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Quinoline	7.22E-08	1.17E-07	1.30E-07	1.72E-07	2.00E-07	2.34E-07	3.83E-07	4.97E-07	0.00E+00	2.00E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	1,1,2,2-Tetrachloroethane	3.58E-07	4.10E-07	4.86E-07	6.21E-07	1.07E-06	1.16E-06	3.14E-06	3.90E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Carolina Municipio	72031	U	Trichloroethylene	9.80E-02	1.00E-01	1.04E-01	1.13E-01	1.36E-01	1.39E-01	2.47E-01	2.86E-01	0.00E+00	5.47E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Carolina Municipio	72031	U	Vinyl Chloride	3.52E-06	5.01E-06	6.12E-06	7.87E-06	9.90E-06	9.89E-06	2.31E-05	2.93E-05	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Acetaldehyde	9.58E-01	9.58E-01	9.76E-01	1.06E+00	1.07E+00	1.14E+00	1.27E+00	1.27E+00	9.15E-05	6.67E-02	5.24E-01	4.74E-01	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Acrolein	1.11E-01	1.11E-01	1.46E-01	1.61E-01	1.54E-01	1.67E-01	1.68E-01	1.68E-01	9.92E-05	3.01E-02	4.35E-02	8.00E-02	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Acrylonitrile	1.76E-04	1.76E-04	2.58E-04	3.53E-04	3.46E-04	3.98E-04	5.19E-04	5.19E-04	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Arsenic Compounds	1.35E-04	1.35E-04	1.59E-04	2.57E-04	2.40E-04	3.34E-04	3.45E-04	3.45E-04	1.88E-06	9.03E-05	1.45E-04	2.17E-06	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Benzene	1.84E+00	1.84E+00	1.91E+00	2.06E+00	2.17E+00	2.30E+00	2.93E+00	2.93E+00	1.62E-02	1.08E-01	7.10E-01	8.59E-01	4.80E-01
Puerto Rico	Catano Municipio	72033	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
Puerto Rico	Catano Municipio	72033	U	Beryllium Compounds	7.83E-07	7.83E-07	1.17E-06	1.42E-06	1.35E-06	1.55E-06	1.73E-06	1.73E-06	3.50E-07	9.60E-07	0.00E+00	4.18E-08	0.00E+00
Puerto Rico	Catano Municipio	72033	U	1,3-Butadiene	1.04E-01	1.04E-01	1.09E-01	1.14E-01	1.29E-01	1.31E-01	2.06E-01	2.06E-01	2.45E-04	1.26E-02	5.66E-02	5.95E-02	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Cadmium Compounds	1.10E-05	1.10E-05	1.50E-05	1.59E-05	1.60E-05	1.80E-05	1.87E-05	1.87E-05	1.32E-05	2.21E-06	0.00E+00	5.85E-07	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Carbon Disulfide	4.99E-02	4.99E-02	5.24E-02	5.38E-02	5.34E-02	5.47E-02	5.57E-02	5.57E-02	1.56E-03	4.80E-03	0.00E+00	0.00E+00	4.70E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Catano Municipio	72033	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	0.00E+00	1.04E-03	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Catano Municipio	72033	U	Chloroform	9.47E-02	9.47E-02	9.56E-02	9.67E-02	9.72E-02	9.85E-02	1.01E-01	1.01E-01	4.69E-04	1.37E-02	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Catano Municipio	72033	U	Chromium Compounds (includes Hexavalent)	7.38E-04	7.38E-04	1.01E-03	1.19E-03	1.25E-03	1.54E-03	1.78E-03	1.78E-03	9.50E-06	9.62E-04	1.53E-04	1.28E-04	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Chromium VI	5.78E-04	5.78E-04	7.19E-04	9.40E-04	9.85E-04	1.26E-03	1.50E-03	1.50E-03	3.23E-06	8.78E-04	6.12E-05	4.35E-05	0.00E+00
Puerto Rico	Catano Municipio	72033	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
Puerto Rico	Catano Municipio	72033	U	1,4-Dichlorobenzene	4.91E-02	4.91E-02	5.55E-02	6.82E-02	7.26E-02	8.63E-02	1.08E-01	1.08E-01	0.00E+00	7.26E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	1,3-Dichloropropene	9.17E-02	9.17E-02	1.03E-01	1.28E-01	1.36E-01	1.62E-01	2.04E-01	2.04E-01	0.00E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	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	0.00E+00	2.33E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Catano Municipio	72033	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	1.69E-04	1.85E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Catano Municipio	72033	U	Ethylene Oxide	2.25E-03	2.25E-03	2.54E-03	3.35E-03	3.34E-03	4.24E-03	4.36E-03	4.36E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Formaldehyde	1.37E+00	1.37E+00	1.40E+00	1.45E+00	1.54E+00	1.63E+00	1.94E+00	1.94E+00	6.42E-04	1.49E-01	3.83E-01	7.57E-01	2.50E-01
Puerto Rico	Catano Municipio	72033	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.70E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Catano Municipio	72033	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	6.49E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Catano Municipio	72033	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
Puerto Rico	Catano Municipio	72033	U	Hydrazine	3.51E-08	3.51E-08	3.79E-08	7.18E-08	7.54E-08	1.13E-07	1.33E-07	1.33E-07	0.00E+00	7.54E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Lead Compounds	1.58E-03	1.58E-03	1.70E-03	1.86E-03	1.96E-03	2.14E-03	2.64E-03	2.64E-03	1.01E-04	2.35E-04	1.75E-04	1.45E-03	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Manganese Compounds	1.49E-04	1.49E-04	1.79E-04	2.14E-04	2.22E-04	2.54E-04	2.92E-04	2.92E-04	1.32E-05	1.24E-05	4.96E-05	1.46E-04	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Mercury Compounds	1.69E-03	1.69E-03	1.73E-03	1.78E-03	1.77E-03	1.82E-03	1.84E-03	1.84E-03	1.00E-04	1.37E-05	1.19E-04	4.08E-05	1.50E-03
Puerto Rico	Catano Municipio	72033	U	Methylene Chloride	5.55E-01	5.55E-01	5.94E-01	6.36E-01	6.46E-01	6.76E-01	7.89E-01	7.89E-01	1.33E-01	3.63E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Catano Municipio	72033	U	Nickel Compounds	1.75E-03	1.75E-03	2.67E-03	6.38E-03	5.35E-03	7.90E-03	8.40E-03	8.40E-03	2.06E-03	2.99E-03	1.13E-04	1.84E-04	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Perchloroethylene	3.84E-01	3.84E-01	3.86E-01	4.54E-01	4.63E-01	5.51E-01	5.67E-01	5.67E-01	0.00E+00	3.23E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Catano Municipio	72033	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Catano Municipio	72033	U	Polycyclic Organic Matter	5.17E-02	5.17E-02	6.63E-02	7.93E-02	7.67E-02	8.58E-02	9.52E-02	9.52E-02	1.41E-03	4.74E-02	1.89E-02	9.00E-03	0.00E+00
Puerto Rico	Catano Municipio	72033	U	7-PAH	5.58E-04	5.58E-04	8.75E-04	1.09E-03	1.11E-03	1.23E-03	1.82E-03	1.82E-03	1.48E-06	8.36E-04	7.80E-05	1.90E-04	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Propylene Dichloride	6.60E-06	6.60E-06	9.48E-06	1.31E-05	1.28E-05	1.49E-05	1.94E-05	1.94E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Quinoline	1.53E-07	1.53E-07	2.01E-07	2.90E-07	2.87E-07	3.51E-07	4.59E-07	4.59E-07	0.00E+00	2.87E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	1,1,2,2-Tetrachloroethane	7.98E-07	7.98E-07	1.17E-06	1.60E-06	1.57E-06	1.80E-06	2.35E-06	2.35E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Catano Municipio	72033	U	Trichloroethylene	1.26E-01	1.26E-01	1.28E-01	1.45E-01	1.47E-01	1.68E-01	1.71E-01	1.71E-01	0.00E+00	6.60E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Catano Municipio	72033	U	Vinyl Chloride	7.58E-06	7.58E-06	1.05E-05	1.46E-05	1.44E-05	1.71E-05	2.23E-05	2.23E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Acetaldehyde	7.42E-01	7.60E-01	7.81E-01	9.90E-01	1.05E+00	1.28E+00	1.39E+00	1.47E+00	2.90E-05	6.18E-02	5.33E-01	4.53E-01	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Acrolein	5.96E-02	6.37E-02	7.84E-02	8.89E-02	8.82E-02	1.04E-01	1.08E-01	1.10E-01	1.85E-04	1.70E-02	3.30E-02	3.80E-02	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Acrylonitrile	1.10E-04	1.15E-04	1.32E-04	1.42E-04	1.47E-04	1.71E-04	1.80E-04	1.89E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Arsenic Compounds	6.36E-05	6.61E-05	6.95E-05	8.54E-05	8.70E-05	1.01E-04	1.12E-04	1.20E-04	5.02E-07	4.63E-06	8.18E-05	5.05E-08	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Benzene	1.10E+00	1.13E+00	1.32E+00	1.53E+00	1.62E+00	1.99E+00	2.14E+00	2.24E+00	8.82E-03	5.72E-02	4.79E-01	6.00E-01	4.80E-01
Puerto Rico	Cayey Municipio	72035	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
Puerto Rico	Cayey Municipio	72035	U	Beryllium Compounds	4.51E-07	4.67E-07	5.07E-07	5.86E-07	5.79E-07	6.36E-07	7.01E-07	7.12E-07	1.25E-07	4.54E-07	0.00E+00	7.97E-10	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	1,3-Butadiene	3.84E-02	3.89E-02	4.89E-02	6.58E-02	8.01E-02	1.18E-01	1.30E-01	1.39E-01	3.69E-05	6.27E-03	3.38E-02	4.00E-02	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Cadmium Compounds	3.38E-06	3.49E-06	4.09E-06	4.76E-06	4.72E-06	5.62E-06	5.85E-06	6.01E-06	3.69E-06	1.02E-06	0.00E+00	1.11E-08	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Carbon Disulfide	5.07E-02	5.08E-02	5.16E-02	5.23E-02	5.21E-02	5.25E-02	5.30E-02	5.31E-02	3.03E-03	2.06E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Cayey Municipio	72035	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.49E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Cayey Municipio	72035	U	Chloroform	8.52E-02	8.53E-02	8.63E-02	8.68E-02	8.67E-02	8.73E-02	8.75E-02	8.77E-02	4.44E-04	3.23E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Cayey Municipio	72035	U	Chromium Compounds (includes Hexavalent)	3.39E-04	3.39E-04	3.88E-04	4.78E-04	4.83E-04	5.94E-04	6.26E-04	6.50E-04	8.81E-07	3.04E-04	8.50E-05	9.30E-05	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Chromium VI	2.59E-04	2.62E-04	2.92E-04	3.51E-04	3.59E-04	4.13E-04	4.60E-04	4.82E-04	3.43E-07	2.93E-04	3.40E-05	3.16E-05	0.00E+00
Puerto Rico	Cayey Municipio	72035	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
Puerto Rico	Cayey Municipio	72035	U	1,4-Dichlorobenzene	2.13E-02	2.31E-02	3.54E-02	4.62E-02	5.13E-02	7.18E-02	8.03E-02	8.81E-02	0.00E+00	5.13E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	1,3-Dichloropropene	3.87E-02	4.21E-02	6.52E-02	8.62E-02	9.61E-02	1.36E-01	1.52E-01	1.67E-01	0.00E+00	9.61E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	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	0.00E+00	1.04E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Cayey Municipio	72035	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	5.04E-05	1.26E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Cayey Municipio	72035	U	Ethylene Oxide	2.68E-03	2.96E-03	3.30E-03	3.68E-03	3.63E-03	4.02E-03	4.19E-03	4.31E-03	1.87E-03	1.76E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Formaldehyde	8.95E-01	9.04E-01	1.07E+00	1.19E+00	1.30E+00	1.63E+00	1.74E+00	1.76E+00	6.71E-05	1.05E-01	3.49E-01	6.01E-01	2.50E-01
Puerto Rico	Cayey Municipio	72035	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.26E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Cayey Municipio	72035	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-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Cayey Municipio	72035	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
Puerto Rico	Cayey Municipio	72035	U	Hydrazine	1.45E-08	1.52E-08	1.76E-08	2.32E-08	2.40E-08	2.93E-08	3.51E-08	3.78E-08	0.00E+00	2.40E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Lead Compounds	1.98E-04	2.09E-04	2.35E-04	2.84E-04	2.83E-04	3.30E-04	3.58E-04	3.73E-04	3.08E-05	1.18E-04	1.19E-04	1.51E-05	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Manganese Compounds	7.02E-05	7.30E-05	1.00E-04	1.26E-04	1.40E-04	1.89E-04	2.11E-04	2.27E-04	3.41E-06	5.53E-06	2.70E-05	1.04E-04	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Mercury Compounds	1.59E-03	1.59E-03	1.62E-03	1.63E-03	1.63E-03	1.65E-03	1.67E-03	1.67E-03	3.08E-05	7.10E-06	6.81E-05	2.65E-05	1.50E-03
Puerto Rico	Cayey Municipio	72035	U	Methylene Chloride	3.46E-01	3.52E-01	3.74E-01	4.22E-01	4.21E-01	4.71E-01	4.96E-01	5.05E-01	8.51E-02	1.86E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Cayey Municipio	72035	U	Nickel Compounds	6.90E-04	6.98E-04	7.13E-04	7.47E-04	7.85E-04	8.52E-04	9.48E-04	1.03E-03	4.25E-04	2.49E-04	6.24E-05	4.81E-05	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Perchloroethylene	2.14E-01	2.17E-01	2.24E-01	2.44E-01	2.46E-01	2.65E-01	2.77E-01	2.82E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Cayey Municipio	72035	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.14E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Cayey Municipio	72035	U	Polycyclic Organic Matter	2.45E-02	2.57E-02	3.37E-02	4.06E-02	4.40E-02	5.81E-02	6.25E-02	6.63E-02	6.97E-04	3.22E-02	1.08E-02	3.06E-04	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	7-PAH	4.78E-04	4.82E-04	5.09E-04	6.02E-04	6.17E-04	7.17E-04	7.77E-04	8.21E-04	6.57E-07	4.59E-04	4.42E-05	1.13E-04	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Propylene Dichloride	4.12E-06	4.29E-06	4.91E-06	5.32E-06	5.51E-06	6.39E-06	6.75E-06	7.07E-06	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Cayey Municipio	72035	U	Quinoline	9.38E-08	9.52E-08	1.10E-07	1.22E-07	1.26E-07	1.47E-07	1.56E-07	1.64E-07	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	1,1,2,2-Tetrachloroethane	4.99E-07	5.24E-07	5.97E-07	6.45E-07	6.69E-07	7.76E-07	8.18E-07	8.56E-07	0.00E+00	6.69E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cayey Municipio	72035	U	Trichloroethylene	1.05E-01	1.06E-01	1.08E-01	1.12E-01	1.13E-01	1.18E-01	1.21E-01	1.23E-01	0.00E+00	3.18E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Cayey Municipio	72035	U	Vinyl Chloride	4.71E-06	4.85E-06	5.58E-06	6.11E-06	6.29E-06	7.31E-06	7.74E-06	8.12E-06	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Acetaldehyde	1.66E-01	1.66E-01	1.66E-01	2.67E-01	2.88E-01	4.30E-01	4.30E-01	4.30E-01	1.40E-06	1.80E-02	1.57E-01	1.13E-01	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Acrolein	1.63E-02	1.63E-02	1.63E-02	3.26E-02	2.87E-02	3.74E-02	3.74E-02	3.74E-02	2.62E-05	8.33E-03	8.05E-03	1.23E-02	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Acrylonitrile	4.23E-05	4.23E-05	4.23E-05	8.47E-05	7.72E-05	1.05E-04	1.05E-04	1.05E-04	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Arsenic Compounds	1.56E-05	1.56E-05	1.56E-05	3.14E-05	2.97E-05	4.21E-05	4.21E-05	4.21E-05	6.24E-08	2.37E-06	2.71E-05	1.99E-07	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Benzene	7.38E-01	7.38E-01	7.38E-01	9.48E-01	9.55E-01	1.18E+00	1.18E+00	1.18E+00	9.42E-04	3.24E-02	2.16E-01	2.25E-01	4.80E-01
Puerto Rico	Ceiba Municipio	72037	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
Puerto Rico	Ceiba Municipio	72037	U	Beryllium Compounds	1.47E-07	1.47E-07	1.47E-07	2.99E-07	2.61E-07	3.38E-07	3.38E-07	3.38E-07	1.67E-08	2.41E-07	0.00E+00	3.71E-09	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	1,3-Butadiene	2.30E-02	2.30E-02	2.30E-02	4.35E-02	4.36E-02	6.42E-02	6.42E-02	6.42E-02	4.21E-06	5.69E-03	2.12E-02	1.67E-02	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Cadmium Compounds	7.80E-07	7.80E-07	7.80E-07	1.14E-06	1.07E-06	1.29E-06	1.29E-06	1.29E-06	4.60E-07	5.58E-07	0.00E+00	5.18E-08	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Carbon Disulfide	4.81E-02	4.81E-02	4.81E-02	4.87E-02	4.85E-02	4.88E-02	4.88E-02	4.88E-02	4.90E-04	1.02E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Ceiba Municipio	72037	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	0.00E+00	2.36E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Ceiba Municipio	72037	U	Chloroform	8.39E-02	8.39E-02	8.39E-02	8.48E-02	8.46E-02	8.51E-02	8.51E-02	8.51E-02	0.00E+00	1.60E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Ceiba Municipio	72037	U	Chromium Compounds (includes Hexavalent)	1.31E-04	1.31E-04	1.31E-04	2.98E-04	2.46E-04	3.09E-04	3.09E-04	3.09E-04	4.72E-08	1.83E-04	2.75E-05	3.52E-05	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Chromium VI	1.10E-04	1.10E-04	1.10E-04	2.32E-04	2.02E-04	2.63E-04	2.63E-04	2.63E-04	2.83E-08	1.79E-04	1.10E-05	1.20E-05	0.00E+00
Puerto Rico	Ceiba Municipio	72037	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
Puerto Rico	Ceiba Municipio	72037	U	1,4-Dichlorobenzene	8.35E-03	8.35E-03	8.35E-03	1.79E-02	1.85E-02	2.92E-02	2.92E-02	2.92E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	1,3-Dichloropropene	1.56E-02	1.56E-02	1.56E-02	3.39E-02	3.50E-02	5.55E-02	5.55E-02	5.55E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	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	0.00E+00	3.74E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Ceiba Municipio	72037	U	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	3.55E-06	6.00E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Ceiba Municipio	72037	U	Ethylene Oxide	5.24E-04	5.24E-04	5.24E-04	1.02E-03	9.41E-04	1.28E-03	1.28E-03	1.28E-03	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Formaldehyde	4.43E-01	4.43E-01	4.43E-01	5.99E-01	6.04E-01	7.72E-01	7.72E-01	7.72E-01	2.89E-06	5.06E-02	1.30E-01	1.73E-01	2.50E-01
Puerto Rico	Ceiba Municipio	72037	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.01E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Ceiba Municipio	72037	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	1.46E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Ceiba Municipio	72037	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
Puerto Rico	Ceiba Municipio	72037	U	Hydrazine	4.33E-09	4.33E-09	4.33E-09	1.34E-08	1.38E-08	2.36E-08	2.36E-08	2.36E-08	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Lead Compounds	8.01E-05	8.01E-05	8.01E-05	1.57E-04	1.33E-04	1.61E-04	1.61E-04	1.61E-04	3.90E-06	8.28E-05	3.75E-05	8.45E-06	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Manganese Compounds	2.41E-05	2.41E-05	2.41E-05	5.21E-05	5.21E-05	8.01E-05	8.01E-05	8.01E-05	4.05E-07	3.03E-06	8.96E-06	3.97E-05	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.56E-03	1.56E-03	1.56E-03	4.06E-06	4.63E-06	2.30E-05	1.01E-05	1.50E-03
Puerto Rico	Ceiba Municipio	72037	U	Methylene Chloride	2.31E-01	2.31E-01	2.31E-01	2.48E-01	2.55E-01	2.87E-01	2.87E-01	2.87E-01	1.71E-02	8.83E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Ceiba Municipio	72037	U	Nickel Compounds	5.70E-05	5.70E-05	5.70E-05	1.34E-04	1.19E-04	1.65E-04	1.65E-04	1.65E-04	8.26E-08	7.46E-05	2.02E-05	2.40E-05	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Perchloroethylene	1.73E-01	1.73E-01	1.73E-01	2.11E-01	2.02E-01	2.21E-01	2.21E-01	2.21E-01	0.00E+00	6.16E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Ceiba Municipio	72037	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Ceiba Municipio	72037	U	Polycyclic Organic Matter	7.93E-03	7.93E-03	7.93E-03	1.72E-02	1.63E-02	2.37E-02	2.37E-02	2.37E-02	9.50E-05	1.26E-02	3.40E-03	1.65E-04	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	7-PAH	1.79E-04	1.79E-04	1.79E-04	3.65E-04	3.30E-04	4.46E-04	4.46E-04	4.46E-04	8.61E-08	2.72E-04	1.42E-05	4.40E-05	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Propylene Dichloride	1.44E-06	1.44E-06	1.44E-06	3.16E-06	2.72E-06	3.56E-06	3.56E-06	3.56E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Quinoline	1.87E-08	1.87E-08	1.87E-08	4.64E-08	4.62E-08	7.35E-08	7.35E-08	7.35E-08	0.00E+00	4.62E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	1,1,2,2-Tetrachloroethane	1.94E-07	1.94E-07	1.94E-07	3.84E-07	3.53E-07	4.80E-07	4.80E-07	4.80E-07	0.00E+00	3.53E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ceiba Municipio	72037	U	Trichloroethylene	9.11E-02	9.11E-02	9.11E-02	1.01E-01	9.96E-02	1.06E-01	1.06E-01	1.06E-01	0.00E+00	1.86E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Ceiba Municipio	72037	U	Vinyl Chloride	1.30E-06	1.30E-06	1.30E-06	3.19E-06	2.70E-06	3.60E-06	3.60E-06	3.60E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Acetaldehyde	9.64E-01	9.64E-01	1.06E+00	1.16E+00	1.18E+00	1.31E+00	1.45E+00	1.45E+00	6.76E-05	5.86E-02	7.21E-01	4.03E-01	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Acrolein	8.24E-02	8.24E-02	9.16E-02	1.02E-01	1.02E-01	1.13E-01	1.21E-01	1.21E-01	1.44E-04	1.67E-02	4.75E-02	3.77E-02	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Acrylonitrile	1.39E-04	1.39E-04	1.49E-04	1.67E-04	1.63E-04	1.78E-04	1.80E-04	1.80E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Arsenic Compounds	4.23E-05	4.23E-05	6.26E-05	8.29E-05	7.87E-05	9.48E-05	1.06E-04	1.06E-04	6.47E-07	2.03E-05	5.74E-05	2.97E-07	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Benzene	1.24E+00	1.24E+00	1.32E+00	1.44E+00	1.48E+00	1.63E+00	1.79E+00	1.79E+00	3.88E-03	5.40E-02	4.90E-01	4.50E-01	4.80E-01
Puerto Rico	Ciales Municipio	72039	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
Puerto Rico	Ciales Municipio	72039	R	Beryllium Compounds	4.47E-07	4.47E-07	5.05E-07	5.73E-07	5.65E-07	6.24E-07	6.65E-07	6.65E-07	1.16E-07	4.44E-07	0.00E+00	4.59E-09	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	1,3-Butadiene	2.96E-02	2.96E-02	3.20E-02	3.76E-02	4.25E-02	5.29E-02	6.51E-02	6.51E-02	2.37E-05	3.97E-03	1.92E-02	1.93E-02	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Cadmium Compounds	1.66E-06	1.66E-06	1.98E-06	3.48E-06	3.47E-06	4.96E-06	5.24E-06	5.24E-06	2.39E-06	1.02E-06	0.00E+00	6.37E-08	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Carbon Disulfide	4.93E-02	4.93E-02	4.95E-02	4.98E-02	4.98E-02	5.00E-02	5.01E-02	5.01E-02	4.97E-04	2.27E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Ciales Municipio	72039	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.99E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Ciales Municipio	72039	R	Chloroform	9.12E-02	9.12E-02	9.35E-02	9.60E-02	9.59E-02	9.83E-02	1.01E-01	1.01E-01	9.69E-03	3.20E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Ciales Municipio	72039	R	Chromium Compounds (includes Hexavalent)	3.68E-04	3.68E-04	4.56E-04	5.46E-04	5.27E-04	5.97E-04	6.47E-04	6.47E-04	3.54E-06	4.00E-04	6.03E-05	6.34E-05	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Chromium VI	2.90E-04	2.90E-04	3.38E-04	4.07E-04	3.92E-04	4.46E-04	4.63E-04	4.63E-04	9.91E-07	3.45E-04	2.41E-05	2.15E-05	0.00E+00
Puerto Rico	Ciales Municipio	72039	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
Puerto Rico	Ciales Municipio	72039	R	1,4-Dichlorobenzene	2.89E-02	2.89E-02	3.32E-02	3.90E-02	4.12E-02	4.92E-02	5.77E-02	5.77E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	1,3-Dichloropropene	5.09E-02	5.09E-02	5.82E-02	6.88E-02	7.31E-02	8.81E-02	1.04E-01	1.04E-01	0.00E+00	7.31E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	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	1.10E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Ciales Municipio	72039	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.99E-05	1.19E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Ciales Municipio	72039	R	Ethylene Oxide	2.20E-03	2.20E-03	2.32E-03	2.43E-03	2.39E-03	2.45E-03	2.47E-03	2.47E-03	3.40E-04	2.04E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Formaldehyde	1.02E+00	1.02E+00	1.12E+00	1.25E+00	1.30E+00	1.47E+00	1.67E+00	1.67E+00	5.09E-04	9.61E-02	4.23E-01	5.29E-01	2.50E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Ciales Municipio	72039	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.28E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Ciales Municipio	72039	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	3.07E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Ciales Municipio	72039	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
Puerto Rico	Ciales Municipio	72039	R	Hydrazine	9.37E-09	9.37E-09	1.07E-08	1.32E-08	1.33E-08	1.60E-08	1.75E-08	1.75E-08	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Lead Compounds	1.41E-04	1.41E-04	1.57E-04	1.95E-04	1.91E-04	2.25E-04	2.32E-04	2.32E-04	1.48E-05	9.54E-05	7.92E-05	1.39E-06	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Manganese Compounds	8.11E-04	8.11E-04	8.15E-04	8.56E-04	8.79E-04	9.42E-04	9.91E-04	9.91E-04	5.13E-06	7.84E-04	1.82E-05	7.12E-05	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.59E-03	1.59E-03	1.61E-03	1.62E-03	1.62E-03	1.38E-05	6.23E-06	4.78E-05	2.01E-05	1.50E-03
Puerto Rico	Ciales Municipio	72039	R	Methylene Chloride	5.50E-01	5.50E-01	5.50E-01	5.66E-01	5.89E-01	6.29E-01	6.77E-01	6.77E-01	2.63E-01	1.77E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Ciales Municipio	72039	R	Nickel Compounds	2.43E-03	2.43E-03	2.53E-03	2.78E-03	2.77E-03	3.01E-03	3.11E-03	3.11E-03	1.68E-03	1.01E-03	4.39E-05	4.31E-05	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Perchloroethylene	2.17E-01	2.17E-01	2.28E-01	2.45E-01	2.43E-01	2.58E-01	2.65E-01	2.65E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Ciales Municipio	72039	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	6.91E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Ciales Municipio	72039	R	Polycyclic Organic Matter	2.46E-02	2.46E-02	2.82E-02	3.29E-02	3.39E-02	3.97E-02	4.52E-02	4.52E-02	3.24E-04	2.55E-02	7.82E-03	2.21E-04	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	7-PAH	4.36E-04	4.36E-04	4.74E-04	5.20E-04	5.15E-04	5.57E-04	5.84E-04	5.84E-04	4.47E-07	4.01E-04	3.20E-05	8.14E-05	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Propylene Dichloride	5.16E-06	5.16E-06	5.50E-06	6.18E-06	6.06E-06	6.61E-06	6.71E-06	6.71E-06	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Quinoline	1.10E-07	1.10E-07	1.17E-07	1.30E-07	1.29E-07	1.42E-07	1.47E-07	1.47E-07	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	1,1,2,2-Tetrachloroethane	6.32E-07	6.32E-07	6.75E-07	7.59E-07	7.42E-07	8.09E-07	8.17E-07	8.17E-07	0.00E+00	7.42E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ciales Municipio	72039	R	Trichloroethylene	1.09E-01	1.09E-01	1.11E-01	1.15E-01	1.14E-01	1.18E-01	1.19E-01	1.19E-01	0.00E+00	3.32E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Ciales Municipio	72039	R	Vinyl Chloride	5.80E-06	5.80E-06	6.16E-06	6.90E-06	6.80E-06	7.45E-06	7.61E-06	7.61E-06	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Acetaldehyde	9.09E-01	9.09E-01	1.08E+00	1.19E+00	1.14E+00	1.20E+00	1.29E+00	1.29E+00	1.59E-05	6.51E-02	7.08E-01	3.68E-01	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Acrolein	9.16E-02	9.16E-02	9.95E-02	1.02E-01	1.03E-01	1.05E-01	1.16E-01	1.16E-01	7.46E-05	2.14E-02	4.28E-02	3.82E-02	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Acrylonitrile	1.55E-04	1.55E-04	1.67E-04	1.73E-04	1.79E-04	1.80E-04	2.52E-04	2.52E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Arsenic Compounds	7.53E-05	7.53E-05	7.98E-05	9.26E-05	9.02E-05	9.76E-05	1.07E-04	1.07E-04	2.49E-07	5.47E-06	8.44E-05	5.72E-08	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Benzene	1.37E+00	1.37E+00	1.52E+00	1.57E+00	1.61E+00	1.62E+00	1.94E+00	1.94E+00	3.79E-03	6.78E-02	5.44E-01	5.10E-01	4.80E-01
Puerto Rico	Cidra Municipio	72041	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
Puerto Rico	Cidra Municipio	72041	U	Beryllium Compounds	5.41E-07	5.41E-07	5.47E-07	5.68E-07	5.91E-07	6.07E-07	7.71E-07	7.71E-07	5.46E-08	5.35E-07	0.00E+00	9.23E-10	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	1,3-Butadiene	4.98E-02	4.98E-02	5.99E-02	6.61E-02	6.81E-02	6.93E-02	9.63E-02	9.63E-02	1.56E-05	7.00E-03	3.28E-02	2.83E-02	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Cadmium Compounds	6.26E-06	6.26E-06	1.01E-05	1.31E-05	1.33E-05	1.73E-05	2.01E-05	2.01E-05	1.21E-05	1.21E-06	0.00E+00	1.28E-08	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Carbon Disulfide	4.99E-02	4.99E-02	5.01E-02	5.03E-02	5.05E-02	5.04E-02	5.22E-02	5.22E-02	9.47E-04	2.55E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Cidra Municipio	72041	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	5.43E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Cidra Municipio	72041	U	Chloroform	8.64E-02	8.64E-02	8.65E-02	8.67E-02	8.69E-02	8.70E-02	8.86E-02	8.86E-02	1.41E-04	3.76E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Cidra Municipio	72041	U	Chromium Compounds (includes Hexavalent)	4.35E-04	4.35E-04	5.03E-04	5.21E-04	5.24E-04	5.53E-04	6.11E-04	6.11E-04	8.25E-07	3.57E-04	8.97E-05	7.74E-05	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Chromium VI	3.31E-04	3.31E-04	3.82E-04	4.17E-04	4.05E-04	4.22E-04	4.64E-04	4.64E-04	2.60E-07	3.43E-04	3.59E-05	2.63E-05	0.00E+00
Puerto Rico	Cidra Municipio	72041	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
Puerto Rico	Cidra Municipio	72041	U	1,4-Dichlorobenzene	3.32E-02	3.32E-02	4.28E-02	4.34E-02	4.53E-02	4.73E-02	5.92E-02	5.92E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	1,3-Dichloropropene	6.10E-02	6.10E-02	7.89E-02	8.03E-02	8.40E-02	8.79E-02	1.11E-01	1.11E-01	0.00E+00	8.40E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	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	0.00E+00	1.38E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Cidra Municipio	72041	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.17E-02	6.24E-02	6.31E-02	6.59E-02	6.59E-02	1.36E-03	1.43E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Cidra Municipio	72041	U	Ethylene Oxide	2.54E-03	2.54E-03	3.07E-03	3.21E-03	3.25E-03	3.48E-03	4.42E-03	4.42E-03	1.00E-03	2.24E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Formaldehyde	1.12E+00	1.12E+00	1.27E+00	1.31E+00	1.29E+00	1.36E+00	1.41E+00	1.41E+00	5.82E-05	1.21E-01	4.24E-01	4.95E-01	2.50E-01
Puerto Rico	Cidra Municipio	72041	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.92E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Cidra Municipio	72041	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	3.34E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Cidra Municipio	72041	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
Puerto Rico	Cidra Municipio	72041	U	Hydrazine	1.90E-08	1.90E-08	2.08E-08	2.28E-08	2.62E-08	2.70E-08	4.88E-08	4.88E-08	0.00E+00	2.62E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Lead Compounds	2.77E-04	2.77E-04	3.20E-04	3.52E-04	3.60E-04	4.14E-04	4.23E-04	4.23E-04	1.10E-04	1.24E-04	1.03E-04	2.22E-05	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Manganese Compounds	9.85E-05	9.85E-05	1.14E-04	1.18E-04	1.23E-04	1.33E-04	1.57E-04	1.57E-04	1.80E-06	6.81E-06	2.79E-05	8.66E-05	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Mercury Compounds	1.64E-03	1.64E-03	1.67E-03	1.71E-03	1.71E-03	1.76E-03	1.79E-03	1.79E-03	1.15E-04	8.00E-06	6.91E-05	2.29E-05	1.50E-03
Puerto Rico	Cidra Municipio	72041	U	Methylene Chloride	3.84E-01	3.84E-01	4.01E-01	4.51E-01	4.57E-01	5.15E-01	5.30E-01	5.30E-01	1.36E-01	1.71E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Cidra Municipio	72041	U	Nickel Compounds	7.50E-04	7.50E-04	7.80E-04	8.05E-04	8.18E-04	8.70E-04	9.14E-04	9.14E-04	4.26E-04	2.86E-04	6.56E-05	4.04E-05	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Perchloroethylene	2.37E-01	2.37E-01	2.43E-01	2.46E-01	2.54E-01	2.52E-01	3.24E-01	3.24E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Cidra Municipio	72041	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.44E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Cidra Municipio	72041	U	Polycyclic Organic Matter	3.51E-02	3.51E-02	3.88E-02	4.06E-02	4.15E-02	4.43E-02	5.07E-02	5.07E-02	2.42E-04	2.99E-02	1.11E-02	3.09E-04	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	7-PAH	5.74E-04	5.74E-04	6.73E-04	6.94E-04	7.00E-04	7.15E-04	7.86E-04	7.86E-04	2.53E-07	5.60E-04	4.61E-05	9.38E-05	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Propylene Dichloride	5.91E-06	5.91E-06	6.36E-06	6.44E-06	6.79E-06	6.98E-06	9.45E-06	9.45E-06	0.00E+00	6.79E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Quinoline	1.38E-07	1.38E-07	1.56E-07	1.59E-07	1.67E-07	1.84E-07	2.22E-07	2.22E-07	0.00E+00	1.67E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	1,1,2,2-Tetrachloroethane	7.01E-07	7.01E-07	7.52E-07	7.87E-07	8.08E-07	8.12E-07	1.14E-06	1.14E-06	0.00E+00	8.08E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Cidra Municipio	72041	U	Trichloroethylene	1.13E-01	1.13E-01	1.15E-01	1.16E-01	1.18E-01	1.17E-01	1.37E-01	1.37E-01	0.00E+00	3.68E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Cidra Municipio	72041	U	Vinyl Chloride	6.85E-06	6.85E-06	7.34E-06	7.64E-06	8.07E-06	8.61E-06	1.09E-05	1.09E-05	0.00E+00	8.07E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Acetaldehyde	5.46E-01	5.46E-01	6.56E-01	8.20E-01	8.59E-01	1.10E+00	1.18E+00	1.18E+00	7.31E-06	3.94E-02	4.36E-01	3.83E-01	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Acrolein	4.84E-02	4.84E-02	6.05E-02	7.00E-02	6.82E-02	7.77E-02	8.06E-02	8.06E-02	3.30E-05	1.16E-02	2.77E-02	2.89E-02	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Acrylonitrile	7.73E-05	7.73E-05	9.26E-05	1.03E-04	1.02E-04	1.04E-04	1.34E-04	1.34E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Arsenic Compounds	3.92E-05	3.92E-05	4.64E-05	5.21E-05	5.71E-05	7.27E-05	7.91E-05	7.91E-05	9.84E-08	3.79E-06	5.31E-05	3.01E-08	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Benzene	9.70E-01	9.70E-01	1.06E+00	1.18E+00	1.31E+00	1.63E+00	1.76E+00	1.76E+00	4.30E-03	3.77E-02	3.61E-01	4.26E-01	4.80E-01
Puerto Rico	Coama Municipio	72043	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
Puerto Rico	Coama Municipio	72043	R	Beryllium Compounds	2.22E-07	2.22E-07	2.62E-07	2.93E-07	3.07E-07	3.36E-07	4.14E-07	4.14E-07	2.20E-08	2.84E-07	0.00E+00	4.66E-10	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Coama Municipio	72043	R	1,3-Butadiene	2.45E-02	2.45E-02	2.95E-02	3.12E-02	5.14E-02	8.27E-02	9.85E-02	9.85E-02	5.08E-06	3.17E-03	2.20E-02	2.63E-02	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Cadmium Compounds	2.85E-06	2.85E-06	3.62E-06	3.89E-06	4.17E-06	4.44E-06	7.09E-06	7.09E-06	3.51E-06	6.58E-07	0.00E+00	6.47E-09	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Carbon Disulfide	4.81E-02	4.81E-02	4.84E-02	4.85E-02	4.89E-02	4.87E-02	5.17E-02	5.17E-02	4.01E-04	1.45E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Coama Municipio	72043	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	3.13E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Coama Municipio	72043	R	Chloroform	8.58E-02	8.58E-02	8.67E-02	8.68E-02	8.67E-02	8.69E-02	8.75E-02	8.75E-02	1.60E-03	2.13E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Coama Municipio	72043	R	Chromium Compounds (includes Hexavalent)	2.61E-04	2.61E-04	3.14E-04	3.48E-04	3.52E-04	4.04E-04	4.23E-04	4.23E-04	3.19E-07	2.31E-04	5.57E-05	6.54E-05	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Chromium VI	2.04E-04	2.04E-04	2.48E-04	2.68E-04	2.62E-04	2.88E-04	3.06E-04	3.06E-04	1.00E-07	2.18E-04	2.23E-05	2.22E-05	0.00E+00
Puerto Rico	Coama Municipio	72043	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
Puerto Rico	Coama Municipio	72043	R	1,4-Dichlorobenzene	1.98E-02	1.98E-02	2.30E-02	2.83E-02	3.69E-02	5.35E-02	6.15E-02	6.15E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	1,3-Dichloropropene	3.59E-02	3.59E-02	4.11E-02	5.08E-02	6.84E-02	1.00E-01	1.16E-01	1.16E-01	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	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	7.68E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Coama Municipio	72043	R	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	9.60E-05	8.83E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Coama Municipio	72043	R	Ethylene Oxide	2.33E-03	2.33E-03	2.66E-03	2.94E-03	3.22E-03	3.49E-03	4.88E-03	4.88E-03	1.97E-03	1.25E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Formaldehyde	7.00E-01	7.00E-01	7.98E-01	9.41E-01	1.04E+00	1.37E+00	1.50E+00	1.50E+00	9.48E-05	6.38E-02	2.57E-01	4.72E-01	2.50E-01
Puerto Rico	Coama Municipio	72043	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.59E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Coama Municipio	72043	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	1.91E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Coama Municipio	72043	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
Puerto Rico	Coama Municipio	72043	R	Hydrazine	8.89E-09	8.89E-09	1.11E-08	1.18E-08	1.17E-08	1.28E-08	1.41E-08	1.41E-08	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Lead Compounds	1.25E-04	1.25E-04	1.46E-04	1.72E-04	1.69E-04	1.83E-04	2.44E-04	2.44E-04	3.15E-05	7.10E-05	6.26E-05	4.37E-06	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Manganese Compounds	3.45E-04	3.45E-04	4.10E-04	4.50E-04	4.33E-04	4.67E-04	4.87E-04	4.87E-04	7.18E-07	3.42E-04	1.72E-05	7.31E-05	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Mercury Compounds	1.57E-03	1.57E-03	1.58E-03	1.60E-03	1.60E-03	1.62E-03	1.63E-03	1.63E-03	3.39E-05	4.43E-06	4.41E-05	1.89E-05	1.50E-03
Puerto Rico	Coama Municipio	72043	R	Methylene Chloride	3.10E-01	3.10E-01	3.62E-01	3.84E-01	3.73E-01	3.97E-01	4.00E-01	4.00E-01	9.28E-02	1.30E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Coama Municipio	72043	R	Nickel Compounds	9.74E-04	9.74E-04	1.36E-03	1.49E-03	1.39E-03	1.54E-03	1.65E-03	1.65E-03	1.15E-03	1.67E-04	4.07E-05	3.28E-05	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Perchloroethylene	1.90E-01	1.90E-01	2.02E-01	2.10E-01	2.08E-01	2.17E-01	2.22E-01	2.22E-01	0.00E+00	6.82E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Coama Municipio	72043	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	5.48E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Coama Municipio	72043	R	Polycyclic Organic Matter	1.80E-02	1.80E-02	2.15E-02	2.58E-02	3.01E-02	4.10E-02	4.60E-02	4.60E-02	1.00E-04	2.28E-02	7.05E-03	1.86E-04	0.00E+00
Puerto Rico	Coama Municipio	72043	R	7-PAH	3.05E-04	3.05E-04	3.73E-04	4.11E-04	4.02E-04	4.57E-04	4.61E-04	4.61E-04	1.06E-07	2.94E-04	2.91E-05	7.94E-05	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Propylene Dichloride	2.92E-06	2.92E-06	3.50E-06	3.88E-06	3.87E-06	3.93E-06	5.08E-06	5.08E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Quinoline	6.88E-08	6.88E-08	8.34E-08	9.07E-08	9.13E-08	9.17E-08	1.20E-07	1.20E-07	0.00E+00	9.13E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	1,1,2,2-Tetrachloroethane	3.50E-07	3.50E-07	4.19E-07	4.65E-07	4.64E-07	4.72E-07	6.08E-07	6.08E-07	0.00E+00	4.64E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Coama Municipio	72043	R	Trichloroethylene	9.74E-02	9.74E-02	9.99E-02	1.02E-01	1.02E-01	1.03E-01	1.08E-01	1.08E-01	0.00E+00	2.13E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Coama Municipio	72043	R	Vinyl Chloride	3.42E-06	3.42E-06	4.12E-06	4.53E-06	4.54E-06	4.58E-06	5.96E-06	5.96E-06	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Acetaldehyde	9.13E-01	9.13E-01	1.21E+00	1.34E+00	1.38E+00	1.66E+00	1.76E+00	1.76E+00	9.67E-06	6.17E-02	8.34E-01	4.81E-01	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Acrolein	9.75E-02	9.75E-02	9.76E-02	1.01E-01	1.08E-01	1.18E-01	1.26E-01	1.26E-01	4.19E-05	1.84E-02	4.45E-02	4.52E-02	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Acrylonitrile	1.48E-04	1.48E-04	1.58E-04	1.69E-04	1.67E-04	1.72E-04	1.87E-04	1.87E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Arsenic Compounds	6.44E-05	6.44E-05	6.68E-05	6.95E-05	7.31E-05	8.03E-05	8.46E-05	8.46E-05	1.38E-07	7.69E-06	6.53E-05	4.22E-08	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Benzene	1.47E+00	1.47E+00	1.48E+00	1.50E+00	1.78E+00	2.13E+00	2.31E+00	2.31E+00	2.07E-03	6.13E-02	5.97E-01	6.38E-01	4.80E-01
Puerto Rico	Comerio Municipio	72045	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
Puerto Rico	Comerio Municipio	72045	U	Beryllium Compounds	4.70E-07	4.70E-07	4.90E-07	5.40E-07	5.41E-07	6.00E-07	6.03E-07	6.03E-07	3.02E-08	5.10E-07	0.00E+00	6.82E-10	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	1,3-Butadiene	4.75E-02	4.75E-02	5.10E-02	5.47E-02	8.04E-02	1.14E-01	1.35E-01	1.35E-01	8.86E-06	6.54E-03	3.63E-02	3.76E-02	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Cadmium Compounds	1.45E-05	1.45E-05	1.58E-05	1.66E-05	1.63E-05	1.68E-05	1.80E-05	1.80E-05	1.52E-05	1.16E-06	0.00E+00	9.50E-09	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Carbon Disulfide	4.96E-02	4.96E-02	4.98E-02	4.99E-02	4.99E-02	5.01E-02	5.02E-02	5.02E-02	5.33E-04	2.38E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Comerio Municipio	72045	U	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	0.00E+00	5.09E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Comerio Municipio	72045	U	Chloroform	8.69E-02	8.69E-02	8.73E-02	8.74E-02	8.74E-02	8.77E-02	8.78E-02	8.78E-02	1.76E-04	4.25E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Comerio Municipio	72045	U	Chromium Compounds (includes Hexavalent)	4.25E-04	4.25E-04	4.66E-04	5.32E-04	5.50E-04	6.29E-04	6.96E-04	6.96E-04	4.53E-07	3.84E-04	6.88E-05	9.67E-05	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Chromium VI	3.28E-04	3.28E-04	3.68E-04	3.78E-04	4.26E-04	5.29E-04	5.29E-04	5.29E-04	1.42E-07	3.66E-04	2.75E-05	3.29E-05	0.00E+00
Puerto Rico	Comerio Municipio	72045	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
Puerto Rico	Comerio Municipio	72045	U	1,4-Dichlorobenzene	3.92E-02	3.92E-02	3.94E-02	4.00E-02	5.57E-02	7.69E-02	8.29E-02	8.29E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	1,3-Dichloropropene	7.14E-02	7.14E-02	7.20E-02	7.26E-02	1.03E-01	1.44E-01	1.56E-01	1.56E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	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	0.00E+00	1.30E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Comerio Municipio	72045	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.13E-02	6.14E-02	6.14E-02	6.14E-02	6.17E-02	6.17E-02	3.46E-04	1.40E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Comerio Municipio	72045	U	Ethylene Oxide	2.31E-03	2.31E-03	2.38E-03	2.41E-03	2.45E-03	2.43E-03	2.70E-03	2.70E-03	3.77E-04	2.07E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Formaldehyde	1.10E+00	1.10E+00	1.25E+00	1.33E+00	1.50E+00	1.88E+00	1.92E+00	1.92E+00	3.44E-05	1.11E-01	4.95E-01	6.42E-01	2.50E-01
Puerto Rico	Comerio Municipio	72045	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.67E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Comerio Municipio	72045	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	3.11E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Comerio Municipio	72045	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
Puerto Rico	Comerio Municipio	72045	U	Hydrazine	1.49E-08	1.49E-08	1.99E-08	2.04E-08	2.41E-08	3.03E-08	3.52E-08	3.52E-08	0.00E+00	2.41E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Lead Compounds	3.85E-04	3.85E-04	4.01E-04	4.02E-04	4.07E-04	4.09E-04	4.37E-04	4.37E-04	1.39E-04	1.27E-04	9.17E-05	4.91E-05	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Manganese Compounds	9.82E-05	9.82E-05	1.00E-04	1.01E-04	1.38E-04	1.87E-04	2.03E-04	2.03E-04	9.98E-07	7.71E-06	2.11E-05	1.08E-04	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Mercury Compounds	1.71E-03	1.71E-03	1.72E-03	1.74E-03	1.74E-03	1.76E-03	1.77E-03	1.77E-03	1.48E-04	7.76E-06	5.39E-05	2.84E-05	1.50E-03
Puerto Rico	Comerio Municipio	72045	U	Methylene Chloride	5.35E-01	5.35E-01	5.42E-01	6.03E-01	5.91E-01	6.32E-01	6.41E-01	6.41E-01	2.38E-01	2.03E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Comerio Municipio	72045	U	Nickel Compounds	7.15E-04	7.15E-04	7.52E-04	8.03E-04	7.83E-04	8.05E-04	8.43E-04	8.43E-04	4.17E-04	2.67E-04	5.02E-05	4.92E-05	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Perchloroethylene	2.39E-01	2.39E-01	2.50E-01	2.56E-01	2.57E-01	2.59E-01	2.82E-01	2.82E-01	0.00E+00	1.17E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Comerio Municipio	72045	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	7.64E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Comerio Municipio	72045	U	Polycyclic Organic Matter	3.43E-02	3.43E-02	3.49E-02	3.49E-02	4.44E-02	5.64E-02	6.14E-02	6.14E-02	1.28E-04	3.49E-02	8.86E-03	5.05E-04	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	7-PAH	5.64E-04	5.64E-04	5.87E-04	6.04E-04	6.46E-04	6.61E-04	8.12E-04	8.12E-04	1.37E-07	4.92E-04	3.62E-05	1.18E-04	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Propylene Dichloride	5.57E-06	5.57E-06	5.98E-06	6.31E-06	6.34E-06	6.67E-06	7.16E-06	7.16E-06	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Quinoline	1.31E-07	1.31E-07	1.43E-07	1.44E-07	1.56E-07	1.78E-07	1.82E-07	1.82E-07	0.00E+00	1.56E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	1,1,2,2-Tetrachloroethane	6.68E-07	6.68E-07	7.14E-07	7.66E-07	7.53E-07	7.73E-07	8.43E-07	8.43E-07	0.00E+00	7.53E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Comerio Municipio	72045	U	Trichloroethylene	1.12E-01	1.12E-01	1.14E-01	1.17E-01	1.16E-01	1.17E-01	1.22E-01	1.22E-01	0.00E+00	3.53E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Comerio Municipio	72045	U	Vinyl Chloride	6.53E-06	6.53E-06	7.06E-06	7.23E-06	7.55E-06	8.27E-06	8.66E-06	8.66E-06	0.00E+00	7.55E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Acetaldehyde	1.41E+00	1.41E+00	1.46E+00	1.75E+00	1.70E+00	1.80E+00	2.03E+00	2.03E+00	9.22E-05	6.96E-02	1.08E+00	5.48E-01	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Acrolein	1.15E-01	1.15E-01	1.23E-01	1.38E-01	1.34E-01	1.44E-01	1.45E-01	1.45E-01	1.72E-04	1.97E-02	5.93E-02	5.48E-02	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Acrylonitrile	1.57E-04	1.57E-04	2.05E-04	2.15E-04	2.16E-04	2.31E-04	2.73E-04	2.73E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Arsenic Compounds	8.84E-05	8.84E-05	1.05E-04	1.25E-04	1.19E-04	1.35E-04	1.36E-04	1.36E-04	9.02E-07	3.84E-05	7.94E-05	2.75E-07	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Benzene	1.58E+00	1.58E+00	1.77E+00	1.89E+00	1.90E+00	2.13E+00	2.16E+00	2.16E+00	5.48E-03	6.91E-02	6.95E-01	6.52E-01	4.80E-01
Puerto Rico	Corozal Municipio	72047	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
Puerto Rico	Corozal Municipio	72047	U	Beryllium Compounds	6.35E-07	6.35E-07	7.50E-07	7.81E-07	8.05E-07	8.46E-07	1.04E-06	1.04E-06	1.61E-07	6.40E-07	0.00E+00	4.56E-09	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	1,3-Butadiene	5.37E-02	5.37E-02	6.19E-02	6.84E-02	7.36E-02	9.37E-02	9.53E-02	9.53E-02	4.70E-05	5.40E-03	3.55E-02	3.26E-02	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Cadmium Compounds	8.57E-06	8.57E-06	9.12E-06	9.37E-06	9.60E-06	1.05E-05	1.06E-05	1.06E-05	8.08E-06	1.45E-06	0.00E+00	6.34E-08	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Carbon Disulfide	4.98E-02	4.98E-02	5.04E-02	5.06E-02	5.07E-02	5.09E-02	5.19E-02	5.19E-02	6.61E-04	3.02E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Corozal Municipio	72047	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	6.61E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Corozal Municipio	72047	U	Chloroform	8.85E-02	8.85E-02	8.97E-02	9.01E-02	9.00E-02	9.09E-02	9.09E-02	9.09E-02	6.07E-04	6.41E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Corozal Municipio	72047	U	Chromium Compounds (includes Hexavalent)	6.02E-04	6.02E-04	6.43E-04	7.14E-04	7.22E-04	8.07E-04	8.53E-04	8.53E-04	4.84E-06	5.41E-04	8.33E-05	9.32E-05	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Chromium VI	4.36E-04	4.36E-04	5.06E-04	5.30E-04	5.41E-04	5.97E-04	6.50E-04	6.50E-04	1.37E-06	4.75E-04	3.33E-05	3.17E-05	0.00E+00
Puerto Rico	Corozal Municipio	72047	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
Puerto Rico	Corozal Municipio	72047	U	1,4-Dichlorobenzene	4.08E-02	4.08E-02	5.05E-02	5.62E-02	5.73E-02	6.73E-02	7.31E-02	7.31E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	1,3-Dichloropropene	7.29E-02	7.29E-02	9.08E-02	1.01E-01	1.04E-01	1.22E-01	1.34E-01	1.34E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	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	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Corozal Municipio	72047	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.70E-05	1.63E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Corozal Municipio	72047	U	Ethylene Oxide	2.24E-03	2.24E-03	2.88E-03	3.04E-03	3.10E-03	3.29E-03	4.08E-03	4.08E-03	3.76E-04	2.72E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Formaldehyde	1.47E+00	1.47E+00	1.48E+00	1.69E+00	1.70E+00	1.87E+00	1.97E+00	1.97E+00	3.70E-04	1.14E-01	6.11E-01	7.19E-01	2.50E-01
Puerto Rico	Corozal Municipio	72047	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.97E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Corozal Municipio	72047	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	4.05E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Corozal Municipio	72047	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
Puerto Rico	Corozal Municipio	72047	U	Hydrazine	1.57E-08	1.57E-08	2.14E-08	2.60E-08	2.70E-08	3.47E-08	3.83E-08	3.83E-08	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Lead Compounds	4.66E-04	4.66E-04	5.11E-04	5.51E-04	5.56E-04	6.02E-04	6.55E-04	6.55E-04	6.46E-05	1.54E-04	1.20E-04	2.17E-04	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Manganese Compounds	1.08E-04	1.08E-04	1.31E-04	1.44E-04	1.47E-04	1.74E-04	1.84E-04	1.84E-04	7.04E-06	9.64E-06	2.55E-05	1.05E-04	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Mercury Compounds	1.66E-03	1.66E-03	1.67E-03	1.67E-03	1.67E-03	1.68E-03	1.68E-03	1.68E-03	6.79E-05	8.58E-06	6.61E-05	2.94E-05	1.50E-03
Puerto Rico	Corozal Municipio	72047	U	Methylene Chloride	4.37E-01	4.37E-01	4.66E-01	4.94E-01	4.84E-01	5.04E-01	5.07E-01	5.07E-01	8.55E-02	2.48E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Corozal Municipio	72047	U	Nickel Compounds	1.27E-03	1.27E-03	1.87E-03	2.40E-03	2.37E-03	2.84E-03	3.43E-03	3.43E-03	1.07E-03	1.18E-03	6.08E-05	5.95E-05	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Perchloroethylene	2.64E-01	2.64E-01	2.86E-01	2.95E-01	2.97E-01	3.13E-01	3.29E-01	3.29E-01	0.00E+00	1.57E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Corozal Municipio	72047	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	9.37E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Corozal Municipio	72047	U	Polycyclic Organic Matter	3.84E-02	3.84E-02	4.35E-02	4.91E-02	4.90E-02	5.55E-02	5.87E-02	5.87E-02	4.40E-04	3.64E-02	1.07E-02	1.50E-03	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	7-PAH	5.56E-04	5.56E-04	6.12E-04	6.87E-04	6.69E-04	7.24E-04	7.49E-04	7.49E-04	6.00E-07	5.02E-04	4.40E-05	1.23E-04	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Propylene Dichloride	5.83E-06	5.83E-06	7.69E-06	8.06E-06	8.06E-06	8.51E-06	1.02E-05	1.02E-05	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Quinoline	1.26E-07	1.26E-07	1.67E-07	1.79E-07	1.80E-07	1.95E-07	2.35E-07	2.35E-07	0.00E+00	1.80E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	1,1,2,2-Tetrachloroethane	7.12E-07	7.12E-07	9.28E-07	9.75E-07	9.80E-07	1.05E-06	1.24E-06	1.24E-06	0.00E+00	9.80E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Corozal Municipio	72047	U	Trichloroethylene	1.13E-01	1.13E-01	1.24E-01	1.26E-01	1.25E-01	1.29E-01	1.36E-01	1.36E-01	0.00E+00	4.45E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Corozal Municipio	72047	U	Vinyl Chloride	6.59E-06	6.59E-06	8.68E-06	9.20E-06	9.20E-06	9.75E-06	1.18E-05	1.18E-05	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Acetaldehyde	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	0.00E+00	1.93E-03	2.83E-02	2.26E-02	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Acrolein	8.00E-03	8.00E-03	8.00E-03	8.00E-03	8.00E-03	8.00E-03	8.00E-03	8.00E-03	0.00E+00	1.05E-03	2.85E-03	4.11E-03	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Acrylonitrile	1.28E-05	1.28E-05	1.28E-05	1.28E-05	1.28E-05	1.28E-05	1.28E-05	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Arsenic Compounds	4.97E-06	4.97E-06	4.97E-06	4.97E-06	4.97E-06	4.97E-06	4.97E-06	4.97E-06	0.00E+00	8.09E-07	4.15E-06	1.15E-08	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Benzene	5.76E-01	5.76E-01	5.76E-01	5.76E-01	5.76E-01	5.76E-01	5.76E-01	5.76E-01	0.00E+00	4.17E-03	4.51E-02	4.67E-02	4.80E-01
Puerto Rico	Culebra Municipio	72049	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
Puerto Rico	Culebra Municipio	72049	R	Beryllium Compounds	1.42E-07	1.42E-07	1.42E-07	1.42E-07	1.42E-07	1.42E-07	1.42E-07	1.42E-07	0.00E+00	1.42E-07	0.00E+00	1.59E-10	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	1,3-Butadiene	6.11E-03	6.11E-03	6.11E-03	6.11E-03	6.11E-03	6.11E-03	6.11E-03	6.11E-03	0.00E+00	5.79E-04	2.93E-03	2.61E-03	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Cadmium Compounds	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	0.00E+00	2.34E-07	0.00E+00	2.20E-09	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Culebra Municipio	72049	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	3.91E-05	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Culebra Municipio	72049	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	2.57E-04	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Culebra Municipio	72049	R	Chromium Compounds (includes Hexavalent)	5.64E-05	5.64E-05	5.64E-05	5.64E-05	5.64E-05	5.64E-05	5.64E-05	5.64E-05	0.00E+00	2.92E-05	2.02E-05	7.07E-06	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Chromium VI	3.86E-05	3.86E-05	3.86E-05	3.86E-05	3.86E-05	3.86E-05	3.86E-05	3.86E-05	0.00E+00	2.82E-05	8.08E-06	2.41E-06	0.00E+00
Puerto Rico	Culebra Municipio	72049	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
Puerto Rico	Culebra Municipio	72049	R	1,4-Dichlorobenzene	3.90E-03	3.90E-03	3.90E-03	3.90E-03	3.90E-03	3.90E-03	3.90E-03	3.90E-03	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	1,3-Dichloropropene	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	0.00E+00	7.16E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	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	9.37E-09	0.00E+00	0.00E+00	7.70E-03

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Culebra Municipio	72049	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	0.00E+00	1.10E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Culebra Municipio	72049	R	Ethylene Oxide	1.53E-04	1.53E-04	1.53E-04	1.53E-04	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Formaldehyde	3.18E-01	3.18E-01	3.18E-01	3.18E-01	3.18E-01	3.18E-01	3.18E-01	3.18E-01	0.00E+00	5.14E-03	2.49E-02	3.75E-02	2.50E-01
Puerto Rico	Culebra Municipio	72049	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.23E-10	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Culebra Municipio	72049	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	2.39E-08	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Culebra Municipio	72049	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
Puerto Rico	Culebra Municipio	72049	R	Hydrazine	2.52E-09	2.52E-09	2.52E-09	2.52E-09	2.52E-09	2.52E-09	2.52E-09	2.52E-09	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Lead Compounds	3.03E-04	3.03E-04	3.03E-04	3.03E-04	3.03E-04	3.03E-04	3.03E-04	3.03E-04	0.00E+00	1.17E-05	6.19E-06	2.86E-04	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Manganese Compounds	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	0.00E+00	9.91E-07	9.89E-06	7.91E-06	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	1.03E-06	3.23E-06	2.04E-06	1.50E-03
Puerto Rico	Culebra Municipio	72049	R	Methylene Chloride	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Culebra Municipio	72049	R	Nickel Compounds	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	0.00E+00	1.58E-05	3.40E-05	3.67E-06	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Perchloroethylene	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	0.00E+00	9.10E-03	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Culebra Municipio	72049	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Culebra Municipio	72049	R	Polycyclic Organic Matter	4.13E-03	4.13E-03	4.13E-03	4.13E-03	4.13E-03	4.13E-03	4.13E-03	4.13E-03	0.00E+00	2.43E-03	5.85E-04	1.12E-03	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	7-PAH	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	0.00E+00	2.65E-05	2.38E-06	1.41E-05	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Propylene Dichloride	4.80E-07	4.80E-07	4.80E-07	4.80E-07	4.80E-07	4.80E-07	4.80E-07	4.80E-07	0.00E+00	4.80E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Quinoline	1.12E-08	1.12E-08	1.12E-08	1.12E-08	1.12E-08	1.12E-08	1.12E-08	1.12E-08	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	1,1,2,2-Tetrachloroethane	5.78E-08	5.78E-08	5.78E-08	5.78E-08	5.78E-08	5.78E-08	5.78E-08	5.78E-08	0.00E+00	5.78E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Culebra Municipio	72049	R	Trichloroethylene	8.38E-02	8.38E-02	8.38E-02	8.38E-02	8.38E-02	8.38E-02	8.38E-02	8.38E-02	0.00E+00	2.80E-03	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Culebra Municipio	72049	R	Vinyl Chloride	5.58E-07	5.58E-07	5.58E-07	5.58E-07	5.58E-07	5.58E-07	5.58E-07	5.58E-07	0.00E+00	5.58E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Acetaldehyde	6.87E-01	6.87E-01	9.15E-01	1.17E+00	1.15E+00	1.42E+00	1.49E+00	1.49E+00	1.70E-04	7.63E-02	6.66E-01	4.08E-01	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Acrolein	6.70E-02	6.70E-02	1.01E-01	1.21E-01	1.14E-01	1.32E-01	1.40E-01	1.40E-01	3.38E-04	2.28E-02	4.18E-02	4.90E-02	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Acrylonitrile	1.07E-04	1.07E-04	1.51E-04	1.54E-04	1.54E-04	1.73E-04	1.85E-04	1.85E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Arsenic Compounds	9.21E-05	9.21E-05	1.58E-04	2.04E-04	1.81E-04	2.16E-04	2.25E-04	2.25E-04	1.95E-06	5.44E-05	1.23E-04	1.40E-06	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Benzene	1.13E+00	1.13E+00	1.48E+00	1.67E+00	1.64E+00	1.90E+00	1.93E+00	1.93E+00	1.10E-02	7.00E-02	5.21E-01	5.55E-01	4.80E-01
Puerto Rico	Dorado Municipio	72051	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
Puerto Rico	Dorado Municipio	72051	U	Beryllium Compounds	4.56E-07	4.56E-07	7.44E-07	8.12E-07	8.75E-07	1.08E-06	1.19E-06	1.19E-06	3.47E-07	5.03E-07	0.00E+00	2.45E-08	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	1,3-Butadiene	3.75E-02	3.75E-02	6.14E-02	6.68E-02	7.47E-02	9.96E-02	1.14E-01	1.14E-01	1.22E-04	9.87E-03	3.33E-02	3.14E-02	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Cadmium Compounds	6.88E-06	6.88E-06	7.48E-06	1.01E-05	1.09E-05	1.48E-05	1.59E-05	1.59E-05	9.46E-06	1.11E-06	0.00E+00	3.42E-07	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Carbon Disulfide	4.89E-02	4.89E-02	4.99E-02	5.04E-02	5.06E-02	5.15E-02	5.20E-02	5.20E-02	1.41E-03	2.18E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Dorado Municipio	72051	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.71E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Dorado Municipio	72051	U	Chloroform	9.01E-02	9.01E-02	9.03E-02	9.39E-02	9.33E-02	9.61E-02	9.62E-02	9.62E-02	3.68E-03	6.57E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Dorado Municipio	72051	U	Chromium Compounds (includes Hexavalent)	4.16E-04	4.16E-04	6.21E-04	6.87E-04	6.62E-04	7.22E-04	8.20E-04	8.20E-04	1.04E-05	4.44E-04	1.27E-04	8.11E-05	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Chromium VI	3.08E-04	3.08E-04	4.37E-04	4.64E-04	4.57E-04	5.01E-04	5.59E-04	5.59E-04	2.97E-06	3.76E-04	5.07E-05	2.76E-05	0.00E+00
Puerto Rico	Dorado Municipio	72051	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
Puerto Rico	Dorado Municipio	72051	U	1,4-Dichlorobenzene	2.53E-02	2.53E-02	3.91E-02	4.78E-02	4.70E-02	5.50E-02	6.23E-02	6.23E-02	0.00E+00	4.70E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	1,3-Dichloropropene	4.58E-02	4.58E-02	7.09E-02	8.60E-02	8.57E-02	1.01E-01	1.16E-01	1.16E-01	0.00E+00	8.57E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	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	0.00E+00	1.13E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Dorado Municipio	72051	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	9.90E-05	1.14E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Dorado Municipio	72051	U	Ethylene Oxide	1.26E-03	1.26E-03	1.71E-03	2.03E-03	1.85E-03	2.07E-03	2.10E-03	2.10E-03	8.45E-05	1.77E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Formaldehyde	8.83E-01	8.83E-01	1.21E+00	1.38E+00	1.36E+00	1.56E+00	1.62E+00	1.62E+00	9.66E-04	1.36E-01	3.97E-01	5.80E-01	2.50E-01
Puerto Rico	Dorado Municipio	72051	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.75E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Dorado Municipio	72051	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	2.88E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Dorado Municipio	72051	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
Puerto Rico	Dorado Municipio	72051	U	Hydrazine	1.64E-08	1.64E-08	1.94E-08	2.31E-08	2.47E-08	3.14E-08	3.60E-08	3.60E-08	0.00E+00	2.47E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Lead Compounds	7.16E-04	7.16E-04	7.76E-04	8.20E-04	8.38E-04	9.06E-04	9.62E-04	9.62E-04	6.61E-05	1.35E-04	1.44E-04	4.93E-04	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Manganese Compounds	8.00E-05	8.00E-05	1.32E-04	1.65E-04	1.54E-04	1.89E-04	2.03E-04	2.03E-04	1.51E-05	5.87E-06	4.07E-05	9.28E-05	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Mercury Compounds	1.62E-03	1.62E-03	1.68E-03	1.72E-03	1.70E-03	1.75E-03	1.75E-03	1.75E-03	6.54E-05	9.11E-06	1.03E-04	2.65E-05	1.50E-03
Puerto Rico	Dorado Municipio	72051	U	Methylene Chloride	3.81E-01	3.81E-01	3.94E-01	6.15E-01	5.52E-01	6.46E-01	6.78E-01	6.78E-01	1.95E-01	2.07E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Dorado Municipio	72051	U	Nickel Compounds	5.78E-03	5.78E-03	7.79E-03	9.23E-03	9.07E-03	1.06E-02	1.22E-02	1.22E-02	6.91E-03	1.95E-03	9.31E-05	1.12E-04	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Perchloroethylene	2.50E-01	2.50E-01	2.83E-01	2.91E-01	2.87E-01	2.97E-01	3.08E-01	3.08E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Dorado Municipio	72051	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	2.04E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Dorado Municipio	72051	U	Polycyclic Organic Matter	2.79E-02	2.79E-02	4.59E-02	5.14E-02	5.08E-02	6.25E-02	6.56E-02	6.56E-02	9.57E-04	3.07E-02	1.58E-02	3.34E-03	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	7-PAH	3.71E-04	3.71E-04	6.51E-04	9.30E-04	8.34E-04	1.08E-03	1.11E-03	1.11E-03	1.29E-06	6.50E-04	6.57E-05	1.18E-04	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Propylene Dichloride	4.03E-06	4.03E-06	5.67E-06	5.79E-06	5.81E-06	6.51E-06	6.96E-06	6.96E-06	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Quinoline	9.25E-08	9.25E-08	1.31E-07	1.34E-07	1.35E-07	1.53E-07	1.62E-07	1.62E-07	0.00E+00	1.35E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	1,1,2,2-Tetrachloroethane	4.86E-07	4.86E-07	6.83E-07	6.97E-07	6.98E-07	7.84E-07	8.37E-07	8.37E-07	0.00E+00	6.98E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Dorado Municipio	72051	U	Trichloroethylene	1.06E-01	1.06E-01	1.12E-01	1.14E-01	1.15E-01	1.21E-01	1.21E-01	1.21E-01	0.00E+00	3.37E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Dorado Municipio	72051	U	Vinyl Chloride	4.67E-06	4.67E-06	6.58E-06	6.72E-06	6.75E-06	7.55E-06	8.08E-06	8.08E-06	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Acetaldehyde	1.99E-01	1.99E-01	2.58E-01	3.35E-01	3.54E-01	3.75E-01	6.94E-01	6.94E-01	8.61E-07	9.77E-03	1.27E-01	2.17E-01	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Acrolein	1.82E-02	1.82E-02	2.32E-02	2.99E-02	3.09E-02	3.54E-02	5.25E-02	5.25E-02	1.43E-05	4.24E-03	8.62E-03	1.81E-02	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Acrylonitrile	1.06E-05	1.06E-05	1.43E-05	2.17E-05	4.06E-05	8.06E-05	8.15E-05	8.15E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Arsenic Compounds	2.07E-05	2.07E-05	3.42E-05	4.01E-05	4.51E-05	4.93E-05	9.32E-05	9.32E-05	3.28E-08	3.17E-06	3.80E-05	3.95E-06	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Fajardo Municipio	72053	U	Benzene	7.53E-01	7.53E-01	8.60E-01	1.04E+00	1.08E+00	1.19E+00	1.68E+00	1.68E+00	5.08E-04	1.67E-02	2.41E-01	3.37E-01	4.80E-01
Puerto Rico	Fajardo Municipio	72053	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
Puerto Rico	Fajardo Municipio	72053	U	Beryllium Compounds	1.20E-07	1.20E-07	1.53E-07	2.56E-07	2.23E-07	2.69E-07	3.07E-07	3.07E-07	8.79E-09	1.36E-07	0.00E+00	7.82E-08	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	1,3-Butadiene	2.25E-02	2.25E-02	3.19E-02	4.99E-02	5.31E-02	6.53E-02	1.08E-01	1.08E-01	2.04E-06	2.46E-03	2.46E-02	2.61E-02	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Cadmium Compounds	1.11E-06	1.11E-06	1.21E-06	1.37E-06	1.84E-06	2.50E-06	3.45E-06	3.45E-06	4.52E-07	2.95E-07	0.00E+00	1.09E-06	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Carbon Disulfide	4.74E-02	4.74E-02	4.75E-02	4.81E-02	4.79E-02	4.83E-02	4.83E-02	4.83E-02	2.57E-04	6.76E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Fajardo Municipio	72053	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	0.00E+00	1.24E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Fajardo Municipio	72053	U	Chloroform	8.35E-02	8.35E-02	8.36E-02	8.39E-02	8.41E-02	8.47E-02	8.48E-02	8.48E-02	0.00E+00	1.08E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Fajardo Municipio	72053	U	Chromium Compounds (includes Hexavalent)	7.63E-05	7.63E-05	1.28E-04	1.88E-04	1.94E-04	2.77E-04	2.86E-04	2.86E-04	2.50E-08	9.92E-05	3.88E-05	5.56E-05	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Chromium VI	4.19E-05	4.19E-05	6.79E-05	1.11E-04	1.30E-04	2.09E-04	2.20E-04	2.20E-04	1.50E-08	9.52E-05	1.55E-05	1.89E-05	0.00E+00
Puerto Rico	Fajardo Municipio	72053	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
Puerto Rico	Fajardo Municipio	72053	U	1,4-Dichlorobenzene	8.73E-03	8.73E-03	1.69E-02	2.51E-02	2.73E-02	3.14E-02	6.29E-02	6.29E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	1,3-Dichloropropene	1.62E-02	1.62E-02	3.19E-02	4.78E-02	5.20E-02	5.99E-02	1.21E-01	1.21E-01	0.00E+00	5.20E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	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	0.00E+00	5.88E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Fajardo Municipio	72053	U	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	7.76E-07	4.98E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Fajardo Municipio	72053	U	Ethylene Oxide	1.15E-04	1.15E-04	1.38E-04	1.70E-04	4.65E-04	9.94E-04	1.00E-03	1.00E-03	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Formaldehyde	4.74E-01	4.74E-01	6.28E-01	6.81E-01	7.30E-01	7.56E-01	1.23E+00	1.23E+00	1.54E-06	2.44E-02	1.27E-01	3.28E-01	2.50E-01
Puerto Rico	Fajardo Municipio	72053	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.01E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Fajardo Municipio	72053	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	7.33E-08	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Fajardo Municipio	72053	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
Puerto Rico	Fajardo Municipio	72053	U	Hydrazine	1.57E-09	1.57E-09	2.62E-09	4.35E-09	2.39E-08	4.60E-08	8.41E-08	8.41E-08	0.00E+00	2.39E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Lead Compounds	6.66E-05	6.66E-05	8.53E-05	1.08E-04	1.14E-04	1.45E-04	1.70E-04	1.70E-04	3.98E-06	3.69E-05	4.52E-05	2.79E-05	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Manganese Compounds	2.75E-05	2.75E-05	6.08E-05	7.15E-05	8.22E-05	8.74E-05	1.90E-04	1.90E-04	2.13E-07	1.80E-06	1.27E-05	6.74E-05	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Mercury Compounds	1.53E-03	1.53E-03	1.55E-03	1.55E-03	1.56E-03	1.56E-03	1.62E-03	1.62E-03	4.28E-06	2.13E-06	3.20E-05	2.10E-05	1.50E-03
Puerto Rico	Fajardo Municipio	72053	U	Methylene Chloride	2.11E-01	2.11E-01	2.27E-01	2.61E-01	2.61E-01	2.78E-01	3.44E-01	3.44E-01	1.19E-02	9.91E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Fajardo Municipio	72053	U	Nickel Compounds	1.32E-04	1.32E-04	1.68E-04	1.94E-04	2.50E-04	3.14E-04	5.21E-04	5.21E-04	4.35E-08	6.21E-05	2.86E-05	1.60E-04	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Perchloroethylene	1.50E-01	1.50E-01	1.56E-01	1.64E-01	1.76E-01	2.04E-01	2.07E-01	2.07E-01	0.00E+00	3.56E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Fajardo Municipio	72053	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Fajardo Municipio	72053	U	Polycyclic Organic Matter	9.91E-03	9.91E-03	1.41E-02	2.01E-02	2.18E-02	2.48E-02	4.65E-02	4.65E-02	5.12E-05	1.60E-02	4.80E-03	9.79E-04	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	7-PAH	1.32E-04	1.32E-04	1.43E-04	2.34E-04	2.43E-04	3.43E-04	3.75E-04	3.75E-04	4.66E-08	1.31E-04	2.00E-05	9.26E-05	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Propylene Dichloride	5.05E-07	5.05E-07	5.48E-07	2.41E-06	1.81E-06	2.62E-06	2.77E-06	2.77E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Quinoline	1.24E-08	1.24E-08	1.58E-08	2.27E-08	7.30E-08	1.32E-07	2.30E-07	2.30E-07	0.00E+00	7.30E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	1,1,2,2-Tetrachloroethane	4.59E-08	4.59E-08	6.33E-08	7.01E-08	1.79E-07	3.73E-07	3.75E-07	3.75E-07	0.00E+00	1.79E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Fajardo Municipio	72053	U	Trichloroethylene	8.30E-02	8.30E-02	8.39E-02	8.41E-02	9.01E-02	1.00E-01	1.01E-01	1.01E-01	0.00E+00	9.06E-03	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Fajardo Municipio	72053	U	Vinyl Chloride	6.32E-07	6.32E-07	7.81E-07	2.01E-06	2.80E-06	4.66E-06	6.90E-06	6.90E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Acetaldehyde	1.05E+00	1.05E+00	1.05E+00	1.11E+00	1.11E+00	1.18E+00	1.18E+00	1.18E+00	6.45E-05	5.80E-02	7.05E-01	3.50E-01	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Acrolein	9.39E-02	9.39E-02	9.39E-02	9.90E-02	9.90E-02	1.04E-01	1.04E-01	1.04E-01	1.73E-04	1.86E-02	4.35E-02	3.68E-02	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Acrylonitrile	1.66E-04	1.66E-04	1.66E-04	1.74E-04	1.74E-04	1.82E-04	1.82E-04	1.82E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Arsenic Compounds	5.43E-05	5.43E-05	5.43E-05	5.74E-05	5.74E-05	6.05E-05	6.05E-05	6.05E-05	7.53E-07	2.51E-06	5.38E-05	3.29E-07	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Benzene	1.41E+00	1.41E+00	1.41E+00	1.52E+00	1.52E+00	1.64E+00	1.64E+00	1.64E+00	4.81E-03	6.21E-02	5.08E-01	4.70E-01	4.80E-01
Puerto Rico	Florida Municipio	72054	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
Puerto Rico	Florida Municipio	72054	U	Beryllium Compounds	6.06E-07	6.06E-07	6.06E-07	6.12E-07	6.12E-07	6.18E-07	6.18E-07	6.18E-07	1.36E-07	4.71E-07	0.00E+00	4.97E-09	0.00E+00
Puerto Rico	Florida Municipio	72054	U	1,3-Butadiene	4.20E-02	4.20E-02	4.20E-02	5.30E-02	5.30E-02	6.41E-02	6.41E-02	6.41E-02	2.56E-05	5.88E-03	2.47E-02	2.24E-02	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Cadmium Compounds	2.39E-06	2.39E-06	2.39E-06	2.43E-06	2.43E-06	2.46E-06	2.46E-06	2.46E-06	1.27E-06	1.08E-06	0.00E+00	6.90E-08	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Carbon Disulfide	5.00E-02	5.00E-02	5.00E-02	5.00E-02	5.00E-02	5.01E-02	5.01E-02	5.01E-02	5.89E-04	2.44E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Florida Municipio	72054	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	5.29E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Florida Municipio	72054	U	Chloroform	1.09E-01	1.09E-01	1.09E-01	1.10E-01	1.10E-01	1.10E-01	1.10E-01	1.10E-01	2.35E-02	3.40E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Florida Municipio	72054	U	Chromium Compounds (includes Hexavalent)	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	4.15E-06	4.78E-04	5.68E-05	6.68E-05	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Chromium VI	4.30E-04	4.30E-04	4.30E-04	4.35E-04	4.35E-04	4.39E-04	4.39E-04	4.39E-04	1.16E-06	3.88E-04	2.27E-05	2.27E-05	0.00E+00
Puerto Rico	Florida Municipio	72054	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
Puerto Rico	Florida Municipio	72054	U	1,4-Dichlorobenzene	3.77E-02	3.77E-02	3.77E-02	4.28E-02	4.28E-02	4.79E-02	4.79E-02	4.79E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	1,3-Dichloropropene	6.71E-02	6.71E-02	6.71E-02	7.69E-02	7.69E-02	8.66E-02	8.66E-02	8.66E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	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	0.00E+00	1.25E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Florida Municipio	72054	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	4.54E-05	1.34E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Florida Municipio	72054	U	Ethylene Oxide	1.99E-03	1.99E-03	1.99E-03	2.23E-03	2.23E-03	2.48E-03	2.48E-03	2.48E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Formaldehyde	1.17E+00	1.17E+00	1.17E+00	1.25E+00	1.25E+00	1.34E+00	1.34E+00	1.34E+00	1.34E-03	1.06E-01	4.21E-01	4.75E-01	2.50E-01
Puerto Rico	Florida Municipio	72054	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.61E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Florida Municipio	72054	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	3.26E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Florida Municipio	72054	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
Puerto Rico	Florida Municipio	72054	U	Hydrazine	2.13E-08	2.13E-08	2.13E-08	2.18E-08	2.18E-08	2.24E-08	2.24E-08	2.24E-08	0.00E+00	2.18E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Lead Compounds	1.79E-04	1.79E-04	1.79E-04	1.93E-04	1.93E-04	2.08E-04	2.08E-04	2.08E-04	3.34E-06	1.10E-04	7.82E-05	1.54E-06	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Manganese Compounds	9.35E-04	9.35E-04	9.35E-04	9.70E-04	9.70E-04	1.01E-03	1.01E-03	1.01E-03	6.00E-06	8.72E-04	1.73E-05	7.50E-05	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Mercury Compounds	1.57E-03	1.57E-03	1.57E-03	1.57E-03	1.57E-03	1.58E-03	1.58E-03	1.58E-03	6.33E-07	7.23E-06	4.46E-05	2.07E-05	1.50E-03
Puerto Rico	Florida Municipio	72054	U	Methylene Chloride	1.35E+00	1.35E+00	1.35E+00	1.69E+00	1.69E+00	2.03E+00	2.03E+00	2.03E+00	1.34E+00	2.05E-01	0.00E+00	0.00E+00	1.50E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Florida Municipio	72054	U	Nickel Compounds	3.08E-03	3.08E-03	3.08E-03	3.20E-03	3.20E-03	3.33E-03	3.33E-03	3.33E-03	1.95E-03	1.17E-03	4.14E-05	4.66E-05	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Perchloroethylene	2.38E-01	2.38E-01	2.38E-01	2.45E-01	2.45E-01	2.53E-01	2.53E-01	2.53E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Florida Municipio	72054	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	8.17E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Florida Municipio	72054	U	Polycyclic Organic Matter	3.13E-02	3.13E-02	3.13E-02	3.45E-02	3.45E-02	3.77E-02	3.77E-02	3.77E-02	3.84E-04	2.66E-02	7.29E-03	2.36E-04	0.00E+00
Puerto Rico	Florida Municipio	72054	U	7-PAH	5.38E-04	5.38E-04	5.38E-04	5.79E-04	5.79E-04	6.19E-04	6.19E-04	6.19E-04	5.29E-07	4.63E-04	2.99E-05	8.56E-05	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Propylene Dichloride	6.25E-06	6.25E-06	6.25E-06	6.52E-06	6.52E-06	6.80E-06	6.80E-06	6.80E-06	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Quinoline	1.43E-07	1.43E-07	1.43E-07	1.49E-07	1.49E-07	1.54E-07	1.54E-07	1.54E-07	0.00E+00	1.49E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	1,1,2,2-Tetrachloroethane	7.54E-07	7.54E-07	7.54E-07	7.88E-07	7.88E-07	8.22E-07	8.22E-07	8.22E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Florida Municipio	72054	U	Trichloroethylene	1.19E-01	1.19E-01	1.19E-01	1.20E-01	1.20E-01	1.21E-01	1.21E-01	1.21E-01	0.00E+00	3.91E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Florida Municipio	72054	U	Vinyl Chloride	7.24E-06	7.24E-06	7.24E-06	7.52E-06	7.52E-06	7.81E-06	7.81E-06	7.81E-06	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Acetaldehyde	2.55E-01	2.55E-01	3.41E-01	5.14E-01	5.35E-01	6.86E-01	8.80E-01	8.80E-01	0.00E+00	2.59E-02	2.55E-01	2.54E-01	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Acrolein	2.40E-02	2.40E-02	2.89E-02	4.76E-02	4.55E-02	5.35E-02	6.94E-02	6.94E-02	0.00E+00	8.36E-03	1.49E-02	2.22E-02	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Acrylonitrile	5.50E-05	5.50E-05	5.81E-05	8.34E-05	8.07E-05	9.95E-05	1.07E-04	1.07E-04	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Arsenic Compounds	1.43E-05	1.43E-05	2.21E-05	3.47E-05	3.76E-05	3.95E-05	8.17E-05	8.17E-05	0.00E+00	1.22E-06	3.63E-05	5.81E-08	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Benzene	7.72E-01	7.72E-01	8.43E-01	1.11E+00	1.20E+00	1.39E+00	2.04E+00	2.04E+00	0.00E+00	3.13E-02	2.96E-01	3.89E-01	4.80E-01
Puerto Rico	Guanica Municipio	72055	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
Puerto Rico	Guanica Municipio	72055	R	Beryllium Compounds	1.43E-07	1.43E-07	1.49E-07	2.15E-07	2.10E-07	2.63E-07	2.83E-07	2.83E-07	0.00E+00	2.09E-07	0.00E+00	9.12E-10	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	1,3-Butadiene	1.99E-02	1.99E-02	2.59E-02	3.92E-02	5.76E-02	7.99E-02	1.38E-01	1.38E-01	0.00E+00	4.32E-03	2.53E-02	2.79E-02	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Cadmium Compounds	3.49E-07	3.49E-07	3.69E-07	5.23E-07	5.11E-07	6.40E-07	6.85E-07	6.85E-07	0.00E+00	4.99E-07	0.00E+00	1.27E-08	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Carbon Disulfide	4.78E-02	4.78E-02	4.78E-02	4.82E-02	4.81E-02	4.84E-02	4.85E-02	4.85E-02	0.00E+00	1.14E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Guanica Municipio	72055	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	2.47E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Guanica Municipio	72055	R	Chloroform	8.41E-02	8.41E-02	8.41E-02	8.47E-02	8.47E-02	8.52E-02	8.53E-02	8.53E-02	0.00E+00	1.73E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Guanica Municipio	72055	R	Chromium Compounds (includes Hexavalent)	1.51E-04	1.51E-04	1.64E-04	3.03E-04	2.64E-04	3.22E-04	3.53E-04	3.53E-04	0.00E+00	1.70E-04	3.77E-05	5.63E-05	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Chromium VI	1.27E-04	1.27E-04	1.34E-04	2.19E-04	2.00E-04	2.47E-04	2.59E-04	2.59E-04	0.00E+00	1.66E-04	1.51E-05	1.92E-05	0.00E+00
Puerto Rico	Guanica Municipio	72055	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
Puerto Rico	Guanica Municipio	72055	R	1,4-Dichlorobenzene	1.21E-02	1.21E-02	1.32E-02	2.81E-02	3.32E-02	4.18E-02	8.81E-02	8.81E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	1,3-Dichloropropene	2.22E-02	2.22E-02	2.43E-02	5.23E-02	6.27E-02	7.92E-02	1.69E-01	1.69E-01	0.00E+00	6.27E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	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	5.98E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Guanica Municipio	72055	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	0.00E+00	7.31E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Guanica Municipio	72055	R	Ethylene Oxide	1.16E-03	1.16E-03	1.31E-03	1.89E-03	1.73E-03	2.01E-03	2.05E-03	2.05E-03	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Formaldehyde	4.86E-01	4.86E-01	5.49E-01	8.04E-01	8.22E-01	9.31E-01	1.42E+00	1.42E+00	0.00E+00	4.93E-02	1.78E-01	3.44E-01	2.50E-01
Puerto Rico	Guanica Municipio	72055	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.26E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Guanica Municipio	72055	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	1.51E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Guanica Municipio	72055	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
Puerto Rico	Guanica Municipio	72055	R	Hydrazine	1.13E-08	1.13E-08	1.17E-08	1.50E-08	1.77E-08	2.56E-08	2.76E-08	2.76E-08	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Lead Compounds	7.12E-05	7.12E-05	8.44E-05	1.11E-04	1.26E-04	1.69E-04	1.72E-04	1.72E-04	0.00E+00	6.46E-05	6.10E-05	2.71E-07	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Manganese Compounds	3.26E-03	3.26E-03	4.06E-03	4.88E-03	5.02E-03	6.11E-03	6.95E-03	6.95E-03	0.00E+00	4.95E-03	1.22E-05	6.31E-05	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	0.00E+00	4.07E-06	3.01E-05	1.60E-05	1.50E-03
Puerto Rico	Guanica Municipio	72055	R	Methylene Chloride	2.11E-01	2.11E-01	2.14E-01	2.67E-01	2.70E-01	3.13E-01	3.44E-01	3.44E-01	1.08E-03	1.18E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Guanica Municipio	72055	R	Nickel Compounds	1.86E-03	1.86E-03	2.28E-03	2.44E-03	2.63E-03	3.08E-03	3.89E-03	3.89E-03	2.52E-03	5.97E-05	2.77E-05	3.02E-05	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Perchloroethylene	1.77E-01	1.77E-01	1.79E-01	1.94E-01	1.99E-01	2.18E-01	2.19E-01	2.19E-01	0.00E+00	5.93E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Guanica Municipio	72055	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Guanica Municipio	72055	R	Polycyclic Organic Matter	9.46E-03	9.46E-03	1.12E-02	2.42E-02	2.38E-02	2.90E-02	5.09E-02	5.09E-02	0.00E+00	1.89E-02	4.78E-03	1.46E-04	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	7-PAH	1.80E-04	1.80E-04	2.14E-04	3.30E-04	3.16E-04	4.10E-04	4.40E-04	4.40E-04	0.00E+00	2.29E-04	1.95E-05	6.72E-05	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Propylene Dichloride	2.07E-06	2.07E-06	2.19E-06	3.14E-06	3.04E-06	3.75E-06	4.01E-06	4.01E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Quinoline	4.87E-08	4.87E-08	5.18E-08	7.52E-08	7.32E-08	9.06E-08	9.65E-08	9.65E-08	0.00E+00	7.32E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	1,1,2,2-Tetrachloroethane	2.49E-07	2.49E-07	2.63E-07	3.77E-07	3.66E-07	4.50E-07	4.83E-07	4.83E-07	0.00E+00	3.66E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guanica Municipio	72055	R	Trichloroethylene	9.29E-02	9.29E-02	9.34E-02	9.83E-02	9.85E-02	1.03E-01	1.05E-01	1.05E-01	0.00E+00	1.75E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Guanica Municipio	72055	R	Vinyl Chloride	2.39E-06	2.39E-06	2.55E-06	3.67E-06	3.55E-06	4.37E-06	4.66E-06	4.66E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Acetaldehyde	4.02E-01	4.02E-01	5.99E-01	7.61E-01	7.39E-01	8.69E-01	1.05E+00	1.05E+00	3.14E-05	3.10E-02	3.63E-01	3.45E-01	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Acrolein	4.11E-02	4.11E-02	4.44E-02	5.85E-02	5.99E-02	6.53E-02	1.01E-01	1.01E-01	2.70E-04	8.79E-03	2.07E-02	3.01E-02	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Acrylonitrile	6.19E-05	6.19E-05	7.80E-05	8.83E-05	8.60E-05	9.54E-05	1.03E-04	1.03E-04	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Arsenic Compounds	2.91E-05	2.91E-05	3.35E-05	5.28E-05	5.73E-05	6.65E-05	1.24E-04	1.24E-04	7.09E-07	3.59E-06	5.30E-05	5.59E-09	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Benzene	9.55E-01	9.55E-01	1.13E+00	1.46E+00	1.52E+00	1.83E+00	2.38E+00	2.38E+00	1.60E-01	3.18E-02	3.56E-01	4.94E-01	4.80E-01
Puerto Rico	Guayama Municipio	72057	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
Puerto Rico	Guayama Municipio	72057	U	Beryllium Compounds	3.73E-07	3.73E-07	4.21E-07	4.70E-07	5.20E-07	4.96E-07	1.01E-06	1.01E-06	1.84E-07	3.36E-07	0.00E+00	8.49E-11	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	1,3-Butadiene	2.34E-02	2.34E-02	3.48E-02	6.11E-02	6.60E-02	7.71E-02	1.59E-01	1.59E-01	6.15E-05	3.74E-03	2.79E-02	3.43E-02	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Cadmium Compounds	1.51E-06	1.51E-06	1.93E-06	2.40E-06	2.33E-06	2.76E-06	2.98E-06	2.98E-06	1.67E-06	6.66E-07	0.00E+00	1.18E-09	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Carbon Disulfide	5.18E-02	5.18E-02	5.25E-02	5.30E-02	5.31E-02	5.36E-02	5.48E-02	5.48E-02	4.89E-03	1.21E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Guayama Municipio	72057	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	0.00E+00	2.64E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Guayama Municipio	72057	U	Chloroform	8.45E-02	8.45E-02	8.46E-02	8.48E-02	8.49E-02	8.52E-02	8.57E-02	8.57E-02	0.00E+00	1.93E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Guayama Municipio	72057	U	Chromium Compounds (includes Hexavalent)	2.21E-04	2.21E-04	2.62E-04	3.02E-04	3.29E-04	3.82E-04	5.21E-04	5.21E-04	8.40E-07	1.96E-04	5.45E-05	7.76E-05	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Chromium VI	1.79E-04	1.79E-04	2.00E-04	2.31E-04	2.39E-04	2.74E-04	3.20E-04	3.20E-04	3.91E-07	1.90E-04	2.18E-05	2.64E-05	0.00E+00
Puerto Rico	Guayama Municipio	72057	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

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Guayama Municipio	72057	U	1,4-Dichlorobenzene	1.69E-02	1.69E-02	2.25E-02	3.88E-02	4.22E-02	5.07E-02	9.68E-02	9.68E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	1,3-Dichloropropene	3.08E-02	3.08E-02	4.17E-02	7.32E-02	7.96E-02	9.60E-02	1.85E-01	1.85E-01	0.00E+00	7.96E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	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	0.00E+00	6.33E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Guayama Municipio	72057	U	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	2.57E-05	8.13E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Guayama Municipio	72057	U	Ethylene Oxide	1.94E-03	1.94E-03	2.11E-03	2.44E-03	2.41E-03	2.59E-03	3.03E-03	3.03E-03	1.41E-03	9.98E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Formaldehyde	6.33E-01	6.33E-01	7.56E-01	9.79E-01	9.95E-01	1.14E+00	1.57E+00	1.57E+00	5.86E-05	5.98E-02	2.35E-01	4.50E-01	2.50E-01
Puerto Rico	Guayama Municipio	72057	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.31E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Guayama Municipio	72057	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	1.61E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Guayama Municipio	72057	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
Puerto Rico	Guayama Municipio	72057	U	Hydrazine	8.96E-09	8.96E-09	1.30E-08	1.69E-08	1.57E-08	1.83E-08	2.05E-08	2.05E-08	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Lead Compounds	1.11E-04	1.11E-04	1.18E-04	1.41E-04	1.43E-04	1.58E-04	1.98E-04	1.98E-04	1.12E-05	7.14E-05	5.80E-05	2.17E-06	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Manganese Compounds	5.03E-05	5.03E-05	6.09E-05	1.03E-04	1.12E-04	1.34E-04	2.53E-04	2.53E-04	4.69E-06	3.43E-06	1.77E-05	8.67E-05	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.58E-03	1.58E-03	1.59E-03	1.67E-03	1.67E-03	9.22E-06	4.14E-06	4.44E-05	2.18E-05	1.50E-03
Puerto Rico	Guayama Municipio	72057	U	Methylene Chloride	2.97E-01	2.97E-01	3.04E-01	3.33E-01	3.31E-01	3.53E-01	3.72E-01	3.72E-01	6.56E-02	1.16E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Guayama Municipio	72057	U	Nickel Compounds	6.19E-04	6.19E-04	6.91E-04	7.54E-04	7.86E-04	8.64E-04	1.05E-03	1.05E-03	5.72E-04	1.35E-04	4.01E-05	3.86E-05	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Perchloroethylene	1.88E-01	1.88E-01	1.97E-01	2.05E-01	2.07E-01	2.18E-01	2.28E-01	2.28E-01	0.00E+00	6.68E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Guayama Municipio	72057	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	7.00E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Guayama Municipio	72057	U	Polycyclic Organic Matter	1.72E-02	1.72E-02	1.90E-02	3.08E-02	3.33E-02	3.91E-02	7.16E-02	7.16E-02	1.03E-03	2.53E-02	6.81E-03	1.95E-04	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	7-PAH	2.64E-04	2.64E-04	2.78E-04	3.51E-04	3.69E-04	4.23E-04	5.84E-04	5.84E-04	9.54E-07	2.47E-04	2.82E-05	9.31E-05	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Propylene Dichloride	2.34E-06	2.34E-06	2.94E-06	3.33E-06	3.24E-06	3.59E-06	3.87E-06	3.87E-06	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Quinoline	5.54E-08	5.54E-08	6.95E-08	7.91E-08	7.69E-08	8.52E-08	9.19E-08	9.19E-08	0.00E+00	7.69E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	1,1,2,2-Tetrachloroethane	2.80E-07	2.80E-07	3.53E-07	4.00E-07	3.89E-07	4.32E-07	4.65E-07	4.65E-07	0.00E+00	3.89E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayama Municipio	72057	U	Trichloroethylene	9.46E-02	9.46E-02	9.79E-02	1.01E-01	9.98E-02	1.02E-01	1.04E-01	1.04E-01	0.00E+00	1.88E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Guayama Municipio	72057	U	Vinyl Chloride	2.73E-06	2.73E-06	3.42E-06	3.87E-06	3.77E-06	4.18E-06	4.49E-06	4.49E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Acetaldehyde	4.97E-01	4.97E-01	5.34E-01	7.60E-01	7.25E-01	8.92E-01	9.43E-01	9.43E-01	0.00E+00	3.38E-02	4.24E-01	2.67E-01	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Acrolein	3.81E-02	3.81E-02	6.02E-02	6.42E-02	6.53E-02	7.81E-02	8.56E-02	8.56E-02	0.00E+00	1.07E-02	2.69E-02	2.77E-02	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Acrylonitrile	7.25E-05	7.25E-05	1.05E-04	1.08E-04	1.13E-04	1.29E-04	1.48E-04	1.48E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Arsenic Compounds	3.72E-05	3.72E-05	4.10E-05	4.12E-05	5.46E-05	5.27E-05	1.01E-04	1.01E-04	0.00E+00	1.60E-06	5.28E-05	1.84E-07	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Benzene	9.09E-01	9.09E-01	1.16E+00	1.25E+00	1.30E+00	1.26E+00	1.91E+00	1.91E+00	0.00E+00	3.92E-02	3.73E-01	4.05E-01	4.80E-01
Puerto Rico	Guayanilla Municipio	72059	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
Puerto Rico	Guayanilla Municipio	72059	U	Beryllium Compounds	1.86E-07	1.86E-07	2.68E-07	2.69E-07	2.86E-07	3.36E-07	3.69E-07	3.69E-07	0.00E+00	2.83E-07	0.00E+00	3.05E-09	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	1,3-Butadiene	2.75E-02	2.75E-02	3.85E-02	3.90E-02	5.29E-02	4.28E-02	1.17E-01	1.17E-01	0.00E+00	4.03E-03	2.43E-02	2.46E-02	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Cadmium Compounds	4.67E-07	4.67E-07	6.72E-07	6.76E-07	7.13E-07	8.31E-07	9.22E-07	9.22E-07	0.00E+00	6.71E-07	0.00E+00	4.25E-08	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Carbon Disulfide	4.80E-02	4.80E-02	4.85E-02	4.86E-02	4.86E-02	4.89E-02	4.92E-02	4.92E-02	0.00E+00	1.64E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Guayanilla Municipio	72059	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	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Guayanilla Municipio	72059	U	Chloroform	8.44E-02	8.44E-02	8.51E-02	8.52E-02	8.53E-02	8.58E-02	8.59E-02	8.59E-02	0.00E+00	2.28E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Guayanilla Municipio	72059	U	Chromium Compounds (includes Hexavalent)	1.93E-04	1.93E-04	2.70E-04	3.34E-04	3.38E-04	4.16E-04	4.77E-04	4.77E-04	0.00E+00	2.24E-04	5.65E-05	5.69E-05	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Chromium VI	1.50E-04	1.50E-04	2.07E-04	2.65E-04	2.61E-04	3.33E-04	3.52E-04	3.52E-04	0.00E+00	2.19E-04	2.26E-05	1.94E-05	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	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
Puerto Rico	Guayanilla Municipio	72059	U	1,4-Dichlorobenzene	1.65E-02	1.65E-02	3.04E-02	3.21E-02	3.60E-02	3.32E-02	6.79E-02	6.79E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	1,3-Dichloropropene	3.03E-02	3.03E-02	5.61E-02	5.86E-02	6.70E-02	6.12E-02	1.29E-01	1.29E-01	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	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	0.00E+00	9.64E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Guayanilla Municipio	72059	U	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	0.00E+00	9.75E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Guayanilla Municipio	72059	U	Ethylene Oxide	8.72E-04	8.72E-04	1.21E-03	1.26E-03	1.33E-03	1.57E-03	1.72E-03	1.72E-03	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Formaldehyde	6.79E-01	6.79E-01	7.83E-01	8.76E-01	9.23E-01	9.64E-01	1.31E+00	1.31E+00	1.38E-04	6.02E-02	2.55E-01	3.57E-01	2.50E-01
Puerto Rico	Guayanilla Municipio	72059	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.82E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Guayanilla Municipio	72059	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	2.09E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Guayanilla Municipio	72059	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
Puerto Rico	Guayanilla Municipio	72059	U	Hydrazine	1.32E-08	1.32E-08	1.45E-08	1.67E-08	1.84E-08	1.99E-08	2.75E-08	2.75E-08	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Lead Compounds	8.92E-05	8.92E-05	1.27E-04	1.28E-04	1.40E-04	1.65E-04	1.90E-04	1.90E-04	0.00E+00	7.31E-05	6.61E-05	8.53E-07	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Manganese Compounds	5.05E-03	5.05E-03	5.30E-03	8.75E-03	1.02E-02	1.13E-02	2.04E-02	2.04E-02	0.00E+00	1.01E-02	1.79E-05	6.40E-05	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.56E-03	1.62E-03	1.62E-03	0.00E+00	4.71E-06	4.28E-05	1.71E-05	1.50E-03
Puerto Rico	Guayanilla Municipio	72059	U	Methylene Chloride	2.39E-01	2.39E-01	4.07E-01	4.11E-01	3.98E-01	4.45E-01	4.86E-01	4.86E-01	9.32E-02	1.54E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Guayanilla Municipio	72059	U	Nickel Compounds	2.66E-03	2.66E-03	2.83E-03	5.21E-03	4.55E-03	5.67E-03	6.36E-03	6.36E-03	4.39E-03	7.99E-05	4.14E-05	3.45E-05	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Perchloroethylene	1.86E-01	1.86E-01	2.05E-01	2.06E-01	2.12E-01	2.23E-01	2.39E-01	2.39E-01	0.00E+00	7.17E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Guayanilla Municipio	72059	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Guayanilla Municipio	72059	U	Polycyclic Organic Matter	1.51E-02	1.51E-02	2.46E-02	2.49E-02	2.81E-02	2.57E-02	5.04E-02	5.04E-02	0.00E+00	2.09E-02	7.11E-03	1.79E-04	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	7-PAH	2.66E-04	2.66E-04	2.70E-04	3.20E-04	3.66E-04	4.55E-04	5.20E-04	5.20E-04	0.00E+00	2.69E-04	2.90E-05	6.87E-05	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Propylene Dichloride	2.75E-06	2.75E-06	4.10E-06	4.23E-06	4.37E-06	4.96E-06	5.81E-06	5.81E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Quinoline	6.70E-08	6.70E-08	1.12E-07	1.16E-07	1.17E-07	1.27E-07	1.62E-07	1.62E-07	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	1,1,2,2-Tetrachloroethane	3.28E-07	3.28E-07	4.73E-07	4.86E-07	5.07E-07	5.84E-07	6.65E-07	6.65E-07	0.00E+00	5.07E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guayanilla Municipio	72059	U	Trichloroethylene	9.62E-02	9.62E-02	1.02E-01	1.02E-01	1.04E-01	1.09E-01	1.10E-01	1.10E-01	0.00E+00	2.29E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Guayanilla Municipio	72059	U	Vinyl Chloride	3.24E-06	3.24E-06	5.14E-06	5.32E-06	5.41E-06	5.99E-06	7.37E-06	7.37E-06	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Acetaldehyde	1.10E+00	1.19E+00	1.26E+00	1.39E+00	1.47E+00	1.68E+00	1.86E+00	2.09E+00	5.89E-05	6.45E-02	8.45E-01	5.63E-01	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Guaynabo Municipio	72061	U	Acrolein	1.27E-01	1.31E-01	1.40E-01	1.49E-01	1.57E-01	1.73E-01	1.95E-01	2.02E-01	8.99E-05	2.43E-02	5.62E-02	7.63E-02	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Acrylonitrile	9.53E-05	9.53E-05	9.78E-05	1.09E-04	3.77E-04	5.54E-04	1.18E-03	1.21E-03	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Arsenic Compounds	1.31E-04	1.31E-04	1.40E-04	1.90E-04	3.97E-04	3.99E-04	1.07E-03	1.44E-03	9.68E-07	2.43E-04	1.52E-04	5.14E-07	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Benzene	1.97E+00	1.98E+00	2.19E+00	2.33E+00	2.50E+00	2.73E+00	3.09E+00	3.36E+00	7.54E-03	8.74E-02	9.15E-01	1.01E+00	4.80E-01
Puerto Rico	Guaynabo Municipio	72061	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
Puerto Rico	Guaynabo Municipio	72061	U	Beryllium Compounds	4.39E-07	4.40E-07	4.73E-07	5.64E-07	1.42E-06	1.60E-06	4.62E-06	4.83E-06	1.79E-07	1.23E-06	0.00E+00	9.07E-09	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	1,3-Butadiene	1.03E-01	1.06E-01	1.15E-01	1.34E-01	1.51E-01	1.76E-01	2.08E-01	2.40E-01	1.10E-04	1.04E-02	7.16E-02	6.88E-02	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Cadmium Compounds	6.38E-06	6.89E-06	1.05E-05	1.60E-05	1.73E-05	2.54E-05	2.80E-05	2.95E-05	1.44E-05	2.76E-06	0.00E+00	1.26E-07	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Carbon Disulfide	4.90E-02	4.91E-02	4.91E-02	4.93E-02	5.34E-02	5.52E-02	6.71E-02	6.73E-02	9.50E-04	5.43E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Guaynabo Municipio	72061	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.83E-01	8.84E-01	0.00E+00	1.13E-03	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Guaynabo Municipio	72061	U	Chloroform	8.71E-02	8.77E-02	8.89E-02	9.15E-02	9.63E-02	1.03E-01	1.12E-01	1.13E-01	0.00E+00	1.33E-02	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Guaynabo Municipio	72061	U	Chromium Compounds (includes Hexavalent)	5.08E-04	5.10E-04	5.28E-04	6.18E-04	1.46E-03	1.97E-03	5.01E-03	5.14E-03	4.84E-06	1.15E-03	1.59E-04	1.49E-04	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Chromium VI	3.43E-04	3.44E-04	3.52E-04	3.87E-04	1.08E-03	9.74E-04	4.67E-03	4.72E-03	1.55E-06	9.62E-04	6.36E-05	5.06E-05	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	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
Puerto Rico	Guaynabo Municipio	72061	U	1,4-Dichlorobenzene	4.29E-02	5.58E-02	6.45E-02	8.84E-02	8.69E-02	1.02E-01	1.25E-01	1.36E-01	0.00E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	1,3-Dichloropropene	7.97E-02	1.04E-01	1.20E-01	1.66E-01	1.63E-01	1.91E-01	2.36E-01	2.58E-01	0.00E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	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	0.00E+00	3.09E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Guaynabo Municipio	72061	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	7.41E-05	1.66E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Guaynabo Municipio	72061	U	Ethylene Oxide	1.53E-03	1.53E-03	1.58E-03	1.72E-03	4.01E-03	7.51E-03	9.17E-03	9.82E-03	1.57E-04	3.86E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Formaldehyde	1.40E+00	1.47E+00	1.56E+00	1.62E+00	1.72E+00	1.90E+00	2.08E+00	2.20E+00	2.81E-04	1.29E-01	5.33E-01	8.12E-01	2.50E-01
Puerto Rico	Guaynabo Municipio	72061	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	5.31E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Guaynabo Municipio	72061	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	7.02E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Guaynabo Municipio	72061	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
Puerto Rico	Guaynabo Municipio	72061	U	Hydrazine	8.50E-09	8.86E-09	9.79E-09	1.20E-08	1.14E-07	7.65E-08	5.86E-07	5.88E-07	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Lead Compounds	3.69E-04	4.80E-04	6.08E-04	9.04E-04	1.36E-03	2.18E-03	2.93E-03	2.99E-03	1.23E-04	3.25E-04	2.29E-04	6.85E-04	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Manganese Compounds	1.33E-04	1.60E-04	1.84E-04	2.21E-04	2.42E-04	2.74E-04	4.04E-04	4.18E-04	7.01E-06	1.57E-05	5.15E-05	1.68E-04	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Mercury Compounds	1.69E-03	1.71E-03	1.72E-03	1.77E-03	1.81E-03	1.85E-03	2.03E-03	2.05E-03	1.26E-04	1.49E-05	1.25E-04	4.54E-05	1.50E-03
Puerto Rico	Guaynabo Municipio	72061	U	Methylene Chloride	3.64E-01	3.68E-01	3.84E-01	4.19E-01	6.53E-01	8.77E-01	1.28E+00	1.43E+00	4.82E-02	4.55E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Guaynabo Municipio	72061	U	Nickel Compounds	1.09E-03	1.12E-03	1.23E-03	1.33E-03	1.79E-03	1.80E-03	2.97E-03	4.82E-03	6.89E-04	8.89E-04	1.17E-04	9.76E-05	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Perchloroethylene	2.18E-01	2.25E-01	2.38E-01	2.83E-01	6.40E-01	9.33E-01	1.46E+00	1.51E+00	0.00E+00	5.00E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Guaynabo Municipio	72061	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.29E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Guaynabo Municipio	72061	U	Polycyclic Organic Matter	5.36E-02	5.38E-02	5.97E-02	7.08E-02	7.87E-02	8.80E-02	1.21E-01	1.22E-01	6.26E-04	5.39E-02	1.99E-02	4.17E-03	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	7-PAH	4.87E-04	4.87E-04	5.35E-04	6.33E-04	9.50E-04	1.18E-03	2.22E-03	2.25E-03	7.19E-07	6.77E-04	8.17E-05	1.90E-04	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Propylene Dichloride	3.85E-06	3.90E-06	3.97E-06	4.26E-06	1.45E-05	1.95E-05	4.82E-05	4.89E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Quinoline	1.15E-07	1.16E-07	1.17E-07	1.25E-07	3.81E-07	3.22E-07	1.51E-06	1.55E-06	0.00E+00	3.81E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	1,1,2,2-Tetrachloroethane	4.24E-07	4.27E-07	4.38E-07	4.87E-07	1.70E-06	2.53E-06	5.28E-06	5.43E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Guaynabo Municipio	72061	U	Trichloroethylene	1.03E-01	1.03E-01	1.03E-01	1.06E-01	1.65E-01	2.02E-01	3.18E-01	3.30E-01	0.00E+00	8.35E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Guaynabo Municipio	72061	U	Vinyl Chloride	5.21E-06	5.25E-06	5.29E-06	5.59E-06	1.76E-05	1.92E-05	6.32E-05	6.52E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Acetaldehyde	7.46E-01	7.46E-01	7.93E-01	9.10E-01	9.50E-01	1.10E+00	1.24E+00	1.24E+00	6.92E-06	4.10E-02	5.40E-01	3.68E-01	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Acrolein	6.45E-02	6.45E-02	6.88E-02	8.72E-02	8.74E-02	9.95E-02	1.17E-01	1.17E-01	3.18E-05	1.46E-02	3.35E-02	3.93E-02	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Acrylonitrile	1.09E-04	1.09E-04	1.24E-04	1.44E-04	1.44E-04	1.62E-04	1.79E-04	1.79E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Arsenic Compounds	4.58E-05	4.58E-05	6.84E-05	9.04E-05	9.04E-05	1.06E-04	1.41E-04	1.41E-04	1.17E-07	7.79E-06	8.22E-05	2.26E-07	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Benzene	1.25E+00	1.25E+00	1.33E+00	1.45E+00	1.72E+00	2.14E+00	2.68E+00	2.68E+00	1.68E-03	5.20E-02	5.62E-01	6.21E-01	4.80E-01
Puerto Rico	Gurabo Municipio	72063	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
Puerto Rico	Gurabo Municipio	72063	U	Beryllium Compounds	4.00E-07	4.00E-07	5.23E-07	5.73E-07	5.56E-07	6.01E-07	6.63E-07	6.63E-07	2.42E-08	5.28E-07	0.00E+00	3.41E-09	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	1,3-Butadiene	5.07E-02	5.07E-02	5.50E-02	6.20E-02	9.23E-02	1.35E-01	1.89E-01	1.89E-01	6.17E-06	5.51E-03	4.37E-02	4.31E-02	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Cadmium Compounds	4.47E-06	4.47E-06	4.54E-06	4.89E-06	5.07E-06	5.74E-06	5.93E-06	5.93E-06	3.93E-06	1.09E-06	0.00E+00	4.73E-08	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Carbon Disulfide	4.89E-02	4.89E-02	4.90E-02	4.95E-02	4.94E-02	4.97E-02	4.99E-02	4.99E-02	3.56E-04	2.06E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Gurabo Municipio	72063	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	0.00E+00	4.40E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Gurabo Municipio	72063	U	Chloroform	8.58E-02	8.58E-02	8.61E-02	8.64E-02	8.66E-02	8.72E-02	8.79E-02	8.79E-02	0.00E+00	3.62E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Gurabo Municipio	72063	U	Chromium Compounds (includes Hexavalent)	3.71E-04	3.71E-04	3.84E-04	4.99E-04	5.23E-04	6.25E-04	7.58E-04	7.58E-04	4.48E-07	3.40E-04	8.54E-05	9.64E-05	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Chromium VI	2.83E-04	2.83E-04	3.13E-04	3.93E-04	3.95E-04	4.57E-04	5.29E-04	5.29E-04	1.36E-07	3.28E-04	3.42E-05	3.28E-05	0.00E+00
Puerto Rico	Gurabo Municipio	72063	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
Puerto Rico	Gurabo Municipio	72063	U	1,4-Dichlorobenzene	2.70E-02	2.70E-02	3.01E-02	3.94E-02	5.30E-02	7.63E-02	1.06E-01	1.06E-01	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	1,3-Dichloropropene	5.00E-02	5.00E-02	5.62E-02	7.38E-02	1.00E-01	1.45E-01	2.02E-01	2.02E-01	0.00E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	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	0.00E+00	1.14E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Gurabo Municipio	72063	U	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	2.28E-05	1.27E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Gurabo Municipio	72063	U	Ethylene Oxide	2.00E-03	2.00E-03	2.18E-03	2.48E-03	2.44E-03	2.67E-03	2.84E-03	2.84E-03	7.12E-04	1.73E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Formaldehyde	9.40E-01	9.40E-01	1.00E+00	1.04E+00	1.21E+00	1.48E+00	1.78E+00	1.78E+00	2.85E-05	8.04E-02	3.60E-01	5.22E-01	2.50E-01
Puerto Rico	Gurabo Municipio	72063	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.26E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Gurabo Municipio	72063	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	2.68E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Gurabo Municipio	72063	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
Puerto Rico	Gurabo Municipio	72063	U	Hydrazine	1.56E-08	1.56E-08	2.00E-08	2.95E-08	2.89E-08	3.65E-08	4.24E-08	4.24E-08	0.00E+00	2.89E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Lead Compounds	2.77E-04	2.77E-04	2.89E-04	3.74E-04	3.65E-04	4.16E-04	4.62E-04	4.62E-04	3.53E-05	1.16E-04	1.23E-04	9.05E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Gurabo Municipio	72063	U	Manganese Compounds	7.79E-05	7.79E-05	8.05E-05	1.09E-04	1.42E-04	1.99E-04	2.79E-04	2.79E-04	8.58E-07	5.83E-06	2.75E-05	1.08E-04	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Mercury Compounds	1.59E-03	1.59E-03	1.60E-03	1.64E-03	1.64E-03	1.66E-03	1.71E-03	1.71E-03	3.64E-05	6.70E-06	6.83E-05	2.78E-05	1.50E-03
Puerto Rico	Gurabo Municipio	72063	U	Methylene Chloride	3.25E-01	3.25E-01	3.48E-01	3.85E-01	4.05E-01	4.63E-01	5.22E-01	5.22E-01	5.41E-02	2.01E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Gurabo Municipio	72063	U	Nickel Compounds	7.16E-04	7.16E-04	7.30E-04	8.13E-04	8.16E-04	8.76E-04	9.50E-04	9.50E-04	4.79E-04	2.20E-04	6.28E-05	5.51E-05	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Perchloroethylene	2.16E-01	2.16E-01	2.28E-01	2.40E-01	2.48E-01	2.71E-01	2.94E-01	2.94E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Gurabo Municipio	72063	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	8.20E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Gurabo Municipio	72063	U	Polycyclic Organic Matter	2.59E-02	2.59E-02	3.00E-02	3.55E-02	4.44E-02	5.93E-02	8.01E-02	8.01E-02	9.08E-05	3.27E-02	1.08E-02	7.28E-04	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	7-PAH	3.95E-04	3.95E-04	4.08E-04	5.35E-04	5.57E-04	7.07E-04	7.61E-04	7.61E-04	1.02E-07	3.94E-04	4.43E-05	1.18E-04	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Propylene Dichloride	4.12E-06	4.12E-06	4.74E-06	5.52E-06	5.49E-06	6.27E-06	6.77E-06	6.77E-06	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Quinoline	9.89E-08	9.89E-08	1.19E-07	1.35E-07	1.39E-07	1.66E-07	1.81E-07	1.81E-07	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	1,1,2,2-Tetrachloroethane	4.94E-07	4.94E-07	5.62E-07	6.48E-07	6.49E-07	7.34E-07	8.09E-07	8.09E-07	0.00E+00	6.49E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Gurabo Municipio	72063	U	Trichloroethylene	1.04E-01	1.04E-01	1.08E-01	1.12E-01	1.12E-01	1.17E-01	1.22E-01	1.22E-01	0.00E+00	3.13E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Gurabo Municipio	72063	U	Vinyl Chloride	4.83E-06	4.83E-06	5.67E-06	6.51E-06	6.59E-06	7.97E-06	8.05E-06	8.05E-06	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Acetaldehyde	7.35E-01	7.35E-01	7.42E-01	8.12E-01	8.18E-01	8.96E-01	9.10E-01	9.10E-01	0.00E+00	4.19E-02	4.91E-01	2.85E-01	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Acrolein	7.00E-02	7.00E-02	8.53E-02	8.83E-02	8.61E-02	9.11E-02	9.35E-02	9.35E-02	0.00E+00	1.48E-02	3.87E-02	3.26E-02	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Acrylonitrile	1.29E-04	1.29E-04	1.35E-04	1.40E-04	1.39E-04	1.42E-04	1.46E-04	1.46E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Arsenic Compounds	3.95E-05	3.95E-05	5.13E-05	7.87E-05	7.69E-05	9.98E-05	1.14E-04	1.14E-04	0.00E+00	1.89E-06	7.50E-05	1.68E-08	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Benzene	1.16E+00	1.16E+00	1.40E+00	1.45E+00	1.43E+00	1.47E+00	1.63E+00	1.63E+00	3.93E-04	4.94E-02	4.54E-01	4.43E-01	4.80E-01
Puerto Rico	Hatillo Municipio	72065	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
Puerto Rico	Hatillo Municipio	72065	U	Beryllium Compounds	3.13E-07	3.13E-07	3.51E-07	3.55E-07	3.52E-07	3.65E-07	3.75E-07	3.75E-07	0.00E+00	3.52E-07	0.00E+00	2.37E-10	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	1,3-Butadiene	3.94E-02	3.94E-02	5.18E-02	5.39E-02	5.41E-02	5.68E-02	6.91E-02	6.91E-02	0.00E+00	4.23E-03	2.49E-02	2.50E-02	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Cadmium Compounds	7.56E-07	7.56E-07	8.28E-07	8.33E-07	8.28E-07	8.48E-07	8.71E-07	8.71E-07	0.00E+00	8.25E-07	0.00E+00	3.29E-09	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Carbon Disulfide	4.88E-02	4.88E-02	4.89E-02	4.90E-02	4.90E-02	4.90E-02	4.91E-02	4.91E-02	0.00E+00	1.95E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Hatillo Municipio	72065	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	0.00E+00	4.23E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Hatillo Municipio	72065	U	Chloroform	9.48E-02	9.48E-02	1.03E-01	1.09E-01	1.07E-01	1.10E-01	1.14E-01	1.14E-01	2.07E-02	2.79E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Hatillo Municipio	72065	U	Chromium Compounds (includes Hexavalent)	4.44E-04	4.44E-04	4.46E-04	4.99E-04	4.94E-04	5.27E-04	5.46E-04	5.46E-04	0.00E+00	3.48E-04	8.01E-05	6.50E-05	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Chromium VI	3.42E-04	3.42E-04	3.47E-04	3.53E-04	3.62E-04	3.87E-04	3.88E-04	3.88E-04	0.00E+00	3.08E-04	3.20E-05	2.21E-05	0.00E+00
Puerto Rico	Hatillo Municipio	72065	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
Puerto Rico	Hatillo Municipio	72065	U	1,4-Dichlorobenzene	2.39E-02	2.39E-02	3.61E-02	4.22E-02	4.11E-02	4.57E-02	5.64E-02	5.64E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	1,3-Dichloropropene	4.30E-02	4.30E-02	6.62E-02	7.78E-02	7.57E-02	8.45E-02	1.05E-01	1.05E-01	0.00E+00	7.57E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	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	0.00E+00	1.01E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Hatillo Municipio	72065	U	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	0.00E+00	1.14E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Hatillo Municipio	72065	U	Ethylene Oxide	2.28E-03	2.28E-03	2.41E-03	2.52E-03	2.48E-03	2.56E-03	2.59E-03	2.59E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Formaldehyde	8.62E-01	8.62E-01	1.00E+00	1.04E+00	1.01E+00	1.06E+00	1.07E+00	1.07E+00	3.79E-03	7.47E-02	2.95E-01	3.89E-01	2.50E-01
Puerto Rico	Hatillo Municipio	72065	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.10E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Hatillo Municipio	72065	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	2.59E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Hatillo Municipio	72065	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
Puerto Rico	Hatillo Municipio	72065	U	Hydrazine	1.64E-08	1.64E-08	1.67E-08	1.76E-08	1.77E-08	1.82E-08	1.96E-08	1.96E-08	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Lead Compounds	1.62E-04	1.62E-04	1.75E-04	1.81E-04	1.82E-04	1.93E-04	2.01E-04	2.01E-04	0.00E+00	8.48E-05	9.71E-05	7.93E-08	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Manganese Compounds	1.71E-04	1.71E-04	1.79E-04	2.22E-04	3.80E-04	2.67E-04	1.22E-03	1.22E-03	0.00E+00	2.82E-04	2.52E-05	7.23E-05	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.59E-03	1.59E-03	1.61E-03	1.62E-03	1.62E-03	0.00E+00	5.66E-06	6.09E-05	1.87E-05	1.50E-03
Puerto Rico	Hatillo Municipio	72065	U	Methylene Chloride	9.78E-01	9.78E-01	2.33E+00	3.24E+00	2.88E+00	3.31E+00	4.16E+00	4.16E+00	2.55E+00	1.75E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Hatillo Municipio	72065	U	Nickel Compounds	3.74E-04	3.74E-04	4.29E-04	8.98E-04	7.51E-04	9.28E-04	9.81E-04	9.81E-04	3.71E-04	2.90E-04	5.86E-05	3.13E-05	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Perchloroethylene	2.16E-01	2.16E-01	2.19E-01	2.23E-01	2.23E-01	2.26E-01	2.28E-01	2.28E-01	0.00E+00	8.26E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Hatillo Municipio	72065	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Hatillo Municipio	72065	U	Polycyclic Organic Matter	2.17E-02	2.17E-02	2.95E-02	3.57E-02	3.45E-02	3.98E-02	4.45E-02	4.45E-02	0.00E+00	2.43E-02	1.00E-02	1.47E-04	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	7-PAH	3.74E-04	3.74E-04	3.87E-04	4.64E-04	4.70E-04	5.55E-04	5.75E-04	5.75E-04	0.00E+00	3.52E-04	4.12E-05	7.71E-05	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Propylene Dichloride	4.80E-06	4.80E-06	5.12E-06	5.24E-06	5.21E-06	5.37E-06	5.49E-06	5.49E-06	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Quinoline	1.07E-07	1.07E-07	1.17E-07	1.23E-07	1.20E-07	1.26E-07	1.27E-07	1.27E-07	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	1,1,2,2-Tetrachloroethane	5.84E-07	5.84E-07	6.10E-07	6.33E-07	6.28E-07	6.44E-07	6.63E-07	6.63E-07	0.00E+00	6.28E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hatillo Municipio	72065	U	Trichloroethylene	1.08E-01	1.08E-01	1.12E-01	1.12E-01	1.12E-01	1.13E-01	1.14E-01	1.14E-01	0.00E+00	3.10E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Hatillo Municipio	72065	U	Vinyl Chloride	5.46E-06	5.46E-06	5.99E-06	6.09E-06	6.04E-06	6.30E-06	6.35E-06	6.35E-06	0.00E+00	6.04E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Acetaldehyde	8.63E-01	8.63E-01	8.74E-01	9.86E-01	1.00E+00	1.13E+00	1.17E+00	1.17E+00	0.00E+00	4.62E-02	5.85E-01	3.69E-01	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Acrolein	8.23E-02	8.23E-02	8.42E-02	8.86E-02	9.01E-02	9.59E-02	1.01E-01	1.01E-01	0.00E+00	1.59E-02	3.80E-02	3.61E-02	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Acrylonitrile	1.19E-04	1.19E-04	1.28E-04	1.55E-04	1.53E-04	1.78E-04	1.83E-04	1.83E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Arsenic Compounds	9.12E-05	9.12E-05	9.67E-05	1.04E-04	1.13E-04	1.29E-04	1.53E-04	1.53E-04	0.00E+00	2.19E-06	1.11E-04	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Benzene	1.46E+00	1.46E+00	1.50E+00	1.57E+00	1.63E+00	1.75E+00	1.91E+00	1.91E+00	0.00E+00	5.59E-02	5.31E-01	5.59E-01	4.80E-01
Puerto Rico	Hormigueros Municipio	72067	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
Puerto Rico	Hormigueros Municipio	72067	U	Beryllium Compounds	2.87E-07	2.87E-07	3.12E-07	3.88E-07	3.82E-07	4.52E-07	4.65E-07	4.65E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	1,3-Butadiene	6.19E-02	6.19E-02	6.91E-02	7.75E-02	7.98E-02	9.04E-02	1.02E-01	1.02E-01	0.00E+00	6.34E-03	3.77E-02	3.58E-02	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Cadmium Compounds	6.86E-07	6.86E-07	7.44E-07	9.31E-07	9.17E-07	1.09E-06	1.12E-06	1.12E-06	0.00E+00	9.17E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Carbon Disulfide	4.87E-02	4.87E-02	4.88E-02	4.92E-02	4.92E-02	4.96E-02	4.97E-02	4.97E-02	0.00E+00	2.19E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Hormigueros Municipio	72067	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.67E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Hormigueros Municipio	72067	U	Chloroform	8.58E-02	8.58E-02	8.58E-02	8.61E-02	8.61E-02	8.65E-02	8.65E-02	8.65E-02	0.00E+00	3.12E-03	0.00E+00	0.00E+00	8.30E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Hormigueros Municipio	72067	U	Chromium Compounds (includes Hexavalent)	4.52E-04	4.52E-04	4.94E-04	5.39E-04	5.25E-04	5.57E-04	5.73E-04	5.73E-04	0.00E+00	3.27E-04	1.16E-04	8.26E-05	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Chromium VI	3.44E-04	3.44E-04	3.51E-04	3.90E-04	3.94E-04	4.38E-04	4.52E-04	4.52E-04	0.00E+00	3.20E-04	4.64E-05	2.81E-05	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	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
Puerto Rico	Hormigueros Municipio	72067	U	1,4-Dichlorobenzene	4.10E-02	4.10E-02	4.25E-02	4.44E-02	5.03E-02	5.81E-02	7.12E-02	7.12E-02	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	1,3-Dichloropropene	7.64E-02	7.64E-02	7.92E-02	8.29E-02	9.42E-02	1.09E-01	1.35E-01	1.35E-01	0.00E+00	9.42E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	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	0.00E+00	1.21E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Hormigueros Municipio	72067	U	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	0.00E+00	1.31E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Hormigueros Municipio	72067	U	Ethylene Oxide	4.91E-03	4.91E-03	5.10E-03	5.58E-03	5.61E-03	6.12E-03	6.38E-03	6.38E-03	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Formaldehyde	1.01E+00	1.01E+00	1.08E+00	1.19E+00	1.16E+00	1.24E+00	1.24E+00	1.24E+00	0.00E+00	8.74E-02	3.42E-01	4.81E-01	2.50E-01
Puerto Rico	Hormigueros Municipio	72067	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.46E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Hormigueros Municipio	72067	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	2.85E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Hormigueros Municipio	72067	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
Puerto Rico	Hormigueros Municipio	72067	U	Hydrazine	1.32E-08	1.32E-08	1.54E-08	2.68E-08	2.62E-08	3.69E-08	3.80E-08	3.80E-08	0.00E+00	2.62E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Lead Compounds	1.99E-04	1.99E-04	2.10E-04	2.43E-04	2.41E-04	2.72E-04	2.77E-04	2.77E-04	0.00E+00	9.84E-05	1.42E-04	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Manganese Compounds	1.53E-03	1.53E-03	2.72E-03	3.97E-03	3.64E-03	4.55E-03	5.08E-03	5.08E-03	0.00E+00	3.51E-03	3.76E-05	9.21E-05	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Mercury Compounds	1.60E-03	1.60E-03	1.60E-03	1.61E-03	1.62E-03	1.64E-03	1.66E-03	1.66E-03	0.00E+00	6.37E-06	9.09E-05	2.33E-05	1.50E-03
Puerto Rico	Hormigueros Municipio	72067	U	Methylene Chloride	3.38E-01	3.38E-01	3.60E-01	3.86E-01	3.76E-01	3.91E-01	3.93E-01	3.93E-01	1.42E-02	2.12E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Hormigueros Municipio	72067	U	Nickel Compounds	2.48E-03	2.48E-03	2.49E-03	2.57E-03	2.57E-03	2.65E-03	2.66E-03	2.66E-03	2.34E-03	1.06E-04	8.54E-05	4.03E-05	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Perchloroethylene	2.16E-01	2.16E-01	2.17E-01	2.36E-01	2.37E-01	2.57E-01	2.60E-01	2.60E-01	0.00E+00	9.70E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Hormigueros Municipio	72067	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Hormigueros Municipio	72067	U	Polycyclic Organic Matter	3.62E-02	3.62E-02	3.81E-02	4.06E-02	4.40E-02	4.99E-02	5.86E-02	5.86E-02	0.00E+00	2.94E-02	1.44E-02	1.90E-04	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	7-PAH	4.46E-04	4.46E-04	4.63E-04	5.57E-04	5.61E-04	6.59E-04	6.84E-04	6.84E-04	0.00E+00	4.04E-04	5.94E-05	9.74E-05	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Propylene Dichloride	4.50E-06	4.50E-06	4.85E-06	5.90E-06	5.85E-06	6.84E-06	7.08E-06	7.08E-06	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Quinoline	1.07E-07	1.07E-07	1.17E-07	1.47E-07	1.47E-07	1.77E-07	1.87E-07	1.87E-07	0.00E+00	1.47E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	1,1,2,2-Tetrachloroethane	5.39E-07	5.39E-07	5.80E-07	7.00E-07	6.91E-07	8.03E-07	8.27E-07	8.27E-07	0.00E+00	6.91E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Hormigueros Municipio	72067	U	Trichloroethylene	1.04E-01	1.04E-01	1.05E-01	1.12E-01	1.12E-01	1.19E-01	1.20E-01	1.20E-01	0.00E+00	3.09E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Hormigueros Municipio	72067	U	Vinyl Chloride	5.26E-06	5.26E-06	5.70E-06	7.05E-06	7.02E-06	8.33E-06	8.71E-06	8.71E-06	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Acetaldehyde	2.26E-01	3.25E-01	3.92E-01	4.44E-01	4.69E-01	5.32E-01	5.80E-01	7.59E-01	4.23E-06	3.42E-02	2.62E-01	1.73E-01	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Acrolein	2.02E-02	2.57E-02	3.31E-02	4.94E-02	4.47E-02	5.56E-02	6.11E-02	6.44E-02	2.71E-05	1.21E-02	1.49E-02	1.77E-02	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Acrylonitrile	2.19E-05	3.16E-05	3.30E-05	3.92E-05	6.53E-05	1.19E-04	1.36E-04	1.65E-04	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Arsenic Compounds	1.68E-05	2.58E-05	3.80E-05	5.58E-05	5.68E-05	7.57E-05	7.90E-05	9.90E-05	1.04E-07	2.68E-06	5.40E-05	4.65E-08	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Benzene	7.80E-01	9.04E-01	9.33E-01	1.10E+00	1.08E+00	1.24E+00	1.32E+00	1.32E+00	3.29E-03	3.66E-02	2.71E-01	2.88E-01	4.80E-01
Puerto Rico	Humacao Municipio	72069	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
Puerto Rico	Humacao Municipio	72069	U	Beryllium Compounds	9.86E-08	1.16E-07	1.25E-07	1.59E-07	2.37E-07	4.05E-07	4.44E-07	5.01E-07	2.50E-08	2.11E-07	0.00E+00	7.28E-10	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	1,3-Butadiene	2.23E-02	3.22E-02	3.25E-02	5.13E-02	4.96E-02	6.48E-02	6.79E-02	7.13E-02	1.13E-05	6.12E-03	2.34E-02	2.01E-02	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Cadmium Compounds	8.73E-07	1.08E-06	1.09E-06	1.22E-06	1.33E-06	1.65E-06	1.91E-06	1.92E-06	8.36E-07	4.81E-07	0.00E+00	1.01E-08	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Carbon Disulfide	4.77E-02	4.78E-02	4.79E-02	4.81E-02	4.86E-02	4.97E-02	4.98E-02	5.05E-02	6.40E-04	9.16E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Humacao Municipio	72069	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	0.00E+00	2.02E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Humacao Municipio	72069	U	Chloroform	8.37E-02	8.40E-02	8.40E-02	8.42E-02	8.46E-02	8.53E-02	8.58E-02	8.62E-02	0.00E+00	1.55E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Humacao Municipio	72069	U	Chromium Compounds (includes Hexavalent)	8.55E-05	1.32E-04	1.37E-04	2.11E-04	2.51E-04	3.67E-04	4.02E-04	5.16E-04	2.17E-07	1.50E-04	5.54E-05	4.50E-05	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Chromium VI	5.78E-05	9.14E-05	9.29E-05	1.21E-04	1.84E-04	3.09E-04	3.43E-04	4.31E-04	7.84E-08	1.46E-04	2.21E-05	1.53E-05	0.00E+00
Puerto Rico	Humacao Municipio	72069	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
Puerto Rico	Humacao Municipio	72069	U	1,4-Dichlorobenzene	1.34E-02	1.35E-02	1.53E-02	2.39E-02	2.44E-02	3.10E-02	3.68E-02	3.79E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	1,3-Dichloropropene	2.50E-02	2.53E-02	2.86E-02	4.47E-02	4.59E-02	5.85E-02	6.99E-02	7.20E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	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	0.00E+00	4.63E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Humacao Municipio	72069	U	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	8.48E-06	5.81E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Humacao Municipio	72069	U	Ethylene Oxide	2.77E-04	3.92E-04	4.02E-04	5.41E-04	8.26E-04	1.41E-03	1.90E-03	1.94E-03	2.78E-05	7.98E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Formaldehyde	4.95E-01	5.67E-01	6.38E-01	7.82E-01	7.57E-01	8.70E-01	9.13E-01	9.74E-01	1.32E-05	7.27E-02	1.84E-01	2.49E-01	2.50E-01
Puerto Rico	Humacao Municipio	72069	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.31E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Humacao Municipio	72069	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	1.22E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Humacao Municipio	72069	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
Puerto Rico	Humacao Municipio	72069	U	Hydrazine	1.75E-09	2.59E-09	3.08E-09	4.23E-09	1.46E-08	3.70E-08	4.08E-08	5.27E-08	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Lead Compounds	6.61E-05	9.50E-05	1.19E-04	1.41E-04	1.55E-04	2.01E-04	2.29E-04	2.79E-04	6.99E-06	6.28E-05	6.91E-05	1.61E-05	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Manganese Compounds	3.45E-05	4.28E-05	4.90E-05	7.00E-05	7.18E-05	9.56E-05	9.93E-05	1.06E-04	7.13E-07	2.59E-06	1.81E-05	5.04E-05	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	1.59E-03	1.59E-03	1.61E-03	7.21E-06	4.57E-06	4.53E-05	1.27E-05	1.50E-03
Puerto Rico	Humacao Municipio	72069	U	Methylene Chloride	2.32E-01	2.33E-01	2.52E-01	4.73E-01	6.33E-01	9.98E-01	1.22E+00	1.73E+00	3.77E-01	1.07E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Humacao Municipio	72069	U	Nickel Compounds	7.99E-05	1.44E-04	1.63E-04	4.38E-04	3.48E-04	4.70E-04	5.35E-04	5.38E-04	1.81E-04	1.03E-04	4.08E-05	2.39E-05	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Perchloroethylene	1.58E-01	1.65E-01	1.71E-01	1.74E-01	1.92E-01	2.31E-01	2.47E-01	2.68E-01	0.00E+00	5.25E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Humacao Municipio	72069	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.18E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Humacao Municipio	72069	U	Polycyclic Organic Matter	1.04E-02	1.51E-02	1.76E-02	2.54E-02	2.33E-02	2.93E-02	3.20E-02	3.23E-02	2.00E-04	1.60E-02	6.85E-03	2.01E-04	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	7-PAH	1.23E-04	1.27E-04	1.69E-04	3.47E-04	4.39E-04	7.38E-04	9.30E-04	9.56E-04	1.41E-07	3.56E-04	2.85E-05	5.47E-05	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Propylene Dichloride	8.09E-07	1.18E-06	1.23E-06	1.41E-06	2.44E-06	4.53E-06	5.14E-06	6.26E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	Quinoline	1.71E-08	2.63E-08	2.64E-08	2.73E-08	5.66E-08	1.14E-07	1.29E-07	1.59E-07	0.00E+00	5.66E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Humacao Municipio	72069	U	1,1,2,2-Tetrachloroethane	9.94E-08	1.43E-07	1.49E-07	1.79E-07	2.96E-07	5.39E-07	6.13E-07	7.44E-07	0.00E+00	2.96E-07	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Humacao Municipio	72069	U	Trichloroethylene	8.56E-02	8.77E-02	8.78E-02	8.98E-02	9.60E-02	1.09E-01	1.14E-01	1.20E-01	0.00E+00	1.50E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Humacao Municipio	72069	U	Vinyl Chloride	9.04E-07	1.34E-06	1.39E-06	1.48E-06	2.80E-06	5.38E-06	6.08E-06	7.45E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Acetaldehyde	5.27E-01	5.27E-01	6.08E-01	6.40E-01	6.77E-01	6.79E-01	9.86E-01	9.86E-01	0.00E+00	3.64E-02	3.96E-01	2.44E-01	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Acrolein	7.54E-02	7.54E-02	7.64E-02	7.99E-02	8.08E-02	8.12E-02	9.27E-02	9.27E-02	0.00E+00	1.35E-02	3.64E-02	3.09E-02	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Acrylonitrile	1.08E-04	1.08E-04	1.13E-04	1.22E-04	1.38E-04	1.26E-04	2.14E-04	2.14E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Arsenic Compounds	4.34E-05	4.34E-05	5.30E-05	5.43E-05	5.75E-05	6.46E-05	7.39E-05	7.39E-05	0.00E+00	1.89E-06	5.56E-05	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Benzene	1.18E+00	1.18E+00	1.32E+00	1.35E+00	1.37E+00	1.43E+00	1.63E+00	1.63E+00	0.00E+00	4.59E-02	4.29E-01	4.17E-01	4.80E-01
Puerto Rico	Isabela Municipio	72071	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
Puerto Rico	Isabela Municipio	72071	R	Beryllium Compounds	2.63E-07	2.63E-07	2.74E-07	2.97E-07	3.41E-07	3.13E-07	5.48E-07	5.48E-07	0.00E+00	3.41E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	1,3-Butadiene	3.70E-02	3.70E-02	4.13E-02	4.77E-02	4.95E-02	5.24E-02	7.62E-02	7.62E-02	0.00E+00	3.71E-03	2.25E-02	2.33E-02	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Cadmium Compounds	7.98E-07	7.98E-07	1.04E-06	1.15E-06	1.18E-06	1.37E-06	1.61E-06	1.61E-06	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Carbon Disulfide	4.85E-02	4.85E-02	4.86E-02	4.87E-02	4.89E-02	4.88E-02	5.00E-02	5.00E-02	0.00E+00	1.94E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Isabela Municipio	72071	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	0.00E+00	4.21E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Isabela Municipio	72071	R	Chloroform	8.52E-02	8.52E-02	8.54E-02	8.55E-02	8.57E-02	8.55E-02	8.72E-02	8.72E-02	0.00E+00	2.75E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Isabela Municipio	72071	R	Chromium Compounds (includes Hexavalent)	3.26E-04	3.26E-04	3.58E-04	3.68E-04	4.03E-04	3.71E-04	6.07E-04	6.07E-04	0.00E+00	2.82E-04	5.96E-05	6.15E-05	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Chromium VI	2.57E-04	2.57E-04	2.68E-04	2.81E-04	3.21E-04	2.94E-04	4.96E-04	4.96E-04	0.00E+00	2.76E-04	2.38E-05	2.09E-05	0.00E+00
Puerto Rico	Isabela Municipio	72071	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
Puerto Rico	Isabela Municipio	72071	R	1,4-Dichlorobenzene	2.56E-02	2.56E-02	3.48E-02	3.73E-02	3.90E-02	4.71E-02	5.13E-02	5.13E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	1,3-Dichloropropene	4.63E-02	4.63E-02	6.39E-02	6.86E-02	7.19E-02	8.74E-02	9.56E-02	9.56E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	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	9.96E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Isabela Municipio	72071	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	0.00E+00	1.11E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Isabela Municipio	72071	R	Ethylene Oxide	2.58E-03	2.58E-03	2.69E-03	2.81E-03	3.03E-03	3.01E-03	4.15E-03	4.15E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Formaldehyde	7.46E-01	7.46E-01	8.08E-01	8.41E-01	8.65E-01	9.15E-01	1.08E+00	1.08E+00	1.34E-03	6.13E-02	2.32E-01	3.20E-01	2.50E-01
Puerto Rico	Isabela Municipio	72071	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.00E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Isabela Municipio	72071	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	2.58E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Isabela Municipio	72071	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
Puerto Rico	Isabela Municipio	72071	R	Hydrazine	7.28E-09	7.28E-09	9.75E-09	1.12E-08	1.75E-08	2.22E-08	3.75E-08	3.75E-08	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Lead Compounds	1.23E-04	1.23E-04	1.26E-04	1.30E-04	1.56E-04	1.56E-04	2.49E-04	2.49E-04	0.00E+00	8.15E-05	7.47E-05	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Manganese Compounds	1.93E-04	1.93E-04	1.97E-04	2.07E-04	2.10E-04	2.15E-04	2.51E-04	2.51E-04	0.00E+00	1.23E-04	1.86E-05	6.84E-05	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Mercury Compounds	1.55E-03	1.55E-03	1.57E-03	1.57E-03	1.57E-03	1.58E-03	1.59E-03	1.59E-03	0.00E+00	9.01E-06	4.50E-05	1.76E-05	1.50E-03
Puerto Rico	Isabela Municipio	72071	R	Methylene Chloride	2.96E-01	2.96E-01	1.35E+00	1.44E+00	1.29E+00	1.57E+00	1.66E+00	1.66E+00	9.71E-01	1.69E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Isabela Municipio	72071	R	Nickel Compounds	1.43E-04	1.43E-04	1.75E-04	1.83E-04	1.91E-04	1.88E-04	2.73E-04	2.73E-04	0.00E+00	1.19E-04	4.36E-05	2.90E-05	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Perchloroethylene	2.01E-01	2.01E-01	2.01E-01	2.04E-01	2.20E-01	2.11E-01	2.81E-01	2.81E-01	0.00E+00	8.00E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Isabela Municipio	72071	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Isabela Municipio	72071	R	Polycyclic Organic Matter	2.30E-02	2.30E-02	2.79E-02	2.93E-02	3.11E-02	3.52E-02	4.09E-02	4.09E-02	0.00E+00	2.34E-02	7.56E-03	1.40E-04	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	7-PAH	3.04E-04	3.04E-04	3.32E-04	3.39E-04	4.19E-04	5.60E-04	6.30E-04	6.30E-04	0.00E+00	3.16E-04	3.08E-05	7.27E-05	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Propylene Dichloride	4.02E-06	4.02E-06	4.29E-06	4.54E-06	5.18E-06	4.77E-06	7.89E-06	7.89E-06	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Quinoline	8.75E-08	8.75E-08	9.70E-08	1.03E-07	1.19E-07	1.32E-07	1.72E-07	1.72E-07	0.00E+00	1.19E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	1,1,2,2-Tetrachloroethane	4.90E-07	4.90E-07	5.14E-07	5.51E-07	6.26E-07	5.73E-07	9.70E-07	9.70E-07	0.00E+00	6.26E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Isabela Municipio	72071	R	Trichloroethylene	1.01E-01	1.01E-01	1.02E-01	1.03E-01	1.08E-01	1.05E-01	1.27E-01	1.27E-01	0.00E+00	2.69E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Isabela Municipio	72071	R	Vinyl Chloride	4.55E-06	4.55E-06	4.92E-06	5.30E-06	5.98E-06	5.89E-06	8.81E-06	8.81E-06	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Acetaldehyde	8.40E-01	8.40E-01	8.40E-01	8.45E-01	8.68E-01	9.20E-01	9.20E-01	9.20E-01	0.00E+00	4.55E-02	5.38E-01	2.85E-01	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Acrolein	7.55E-02	7.55E-02	7.55E-02	7.70E-02	8.16E-02	9.22E-02	9.22E-02	9.22E-02	0.00E+00	1.57E-02	3.61E-02	2.98E-02	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Acrylonitrile	1.39E-04	1.39E-04	1.39E-04	1.47E-04	1.48E-04	1.60E-04	1.60E-04	1.60E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Arsenic Compounds	3.39E-05	3.39E-05	3.39E-05	3.44E-05	3.80E-05	4.59E-05	4.59E-05	4.59E-05	0.00E+00	2.05E-06	3.59E-05	8.85E-08	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Benzene	1.19E+00	1.19E+00	1.19E+00	1.20E+00	1.37E+00	1.71E+00	1.71E+00	1.71E+00	8.16E-05	5.06E-02	4.38E-01	3.99E-01	4.80E-01
Puerto Rico	Jayuya Municipio	72073	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
Puerto Rico	Jayuya Municipio	72073	R	Beryllium Compounds	3.58E-07	3.58E-07	3.58E-07	3.70E-07	3.80E-07	4.11E-07	4.11E-07	4.11E-07	0.00E+00	3.78E-07	0.00E+00	1.42E-09	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	1,3-Butadiene	3.04E-02	3.04E-02	3.04E-02	3.11E-02	4.81E-02	8.27E-02	8.27E-02	8.27E-02	0.00E+00	4.20E-03	2.24E-02	2.14E-02	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Cadmium Compounds	8.57E-07	8.57E-07	8.57E-07	8.98E-07	9.13E-07	9.85E-07	9.85E-07	9.85E-07	0.00E+00	8.94E-07	0.00E+00	1.97E-08	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Carbon Disulfide	4.89E-02	4.89E-02	4.89E-02	4.90E-02	4.91E-02	4.92E-02	4.92E-02	4.92E-02	0.00E+00	2.05E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Jayuya Municipio	72073	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	4.53E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Jayuya Municipio	72073	R	Chloroform	8.92E-02	8.92E-02	8.92E-02	9.07E-02	9.03E-02	9.10E-02	9.10E-02	9.10E-02	4.41E-03	2.90E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Jayuya Municipio	72073	R	Chromium Compounds (includes Hexavalent)	3.61E-04	3.61E-04	3.61E-04	3.93E-04	4.07E-04	4.66E-04	4.66E-04	4.66E-04	0.00E+00	3.11E-04	3.85E-05	5.70E-05	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Chromium VI	2.91E-04	2.91E-04	2.91E-04	3.31E-04	3.27E-04	3.59E-04	3.59E-04	3.59E-04	0.00E+00	2.92E-04	1.54E-05	1.94E-05	0.00E+00
Puerto Rico	Jayuya Municipio	72073	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
Puerto Rico	Jayuya Municipio	72073	R	1,4-Dichlorobenzene	2.65E-02	2.65E-02	2.65E-02	2.86E-02	3.65E-02	5.44E-02	5.44E-02	5.44E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	1,3-Dichloropropene	4.76E-02	4.76E-02	4.76E-02	5.10E-02	6.66E-02	1.01E-01	1.01E-01	1.01E-01	0.00E+00	6.66E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	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	9.81E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Jayuya Municipio	72073	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	6.84E-05	1.11E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Jayuya Municipio	72073	R	Ethylene Oxide	2.68E-03	2.68E-03	2.68E-03	3.01E-03	2.90E-03	3.02E-03	3.02E-03	3.02E-03	8.53E-04	2.05E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Formaldehyde	9.02E-01	9.02E-01	9.02E-01	9.30E-01	1.01E+00	1.20E+00	1.20E+00	1.20E+00	5.34E-04	8.16E-02	3.10E-01	3.69E-01	2.50E-01
Puerto Rico	Jayuya Municipio	72073	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.09E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Jayuya Municipio	72073	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	2.79E-07	0.00E+00	0.00E+00	1.80E-03

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Jayuya Municipio	72073	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
Puerto Rico	Jayuya Municipio	72073	R	Hydrazine	1.05E-08	1.05E-08	1.05E-08	1.10E-08	1.31E-08	1.78E-08	1.78E-08	1.78E-08	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Lead Compounds	1.22E-04	1.22E-04	1.22E-04	1.27E-04	1.34E-04	1.53E-04	1.53E-04	1.53E-04	0.00E+00	8.08E-05	5.26E-05	4.12E-07	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Manganese Compounds	1.41E-03	1.41E-03	1.41E-03	1.67E-03	1.62E-03	1.76E-03	1.76E-03	1.76E-03	0.00E+00	1.54E-03	1.16E-05	6.38E-05	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	1.57E-03	0.00E+00	5.56E-06	2.93E-05	1.72E-05	1.50E-03
Puerto Rico	Jayuya Municipio	72073	R	Methylene Chloride	5.96E-01	5.96E-01	5.96E-01	6.87E-01	6.61E-01	6.98E-01	6.98E-01	6.98E-01	3.59E-01	1.51E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Jayuya Municipio	72073	R	Nickel Compounds	1.26E-03	1.26E-03	1.26E-03	1.36E-03	1.34E-03	1.40E-03	1.40E-03	1.40E-03	1.18E-03	1.00E-04	2.80E-05	3.01E-05	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Perchloroethylene	2.14E-01	2.14E-01	2.14E-01	2.16E-01	2.22E-01	2.37E-01	2.37E-01	2.37E-01	0.00E+00	8.24E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Jayuya Municipio	72073	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Jayuya Municipio	72073	R	Polycyclic Organic Matter	2.21E-02	2.21E-02	2.21E-02	2.30E-02	2.76E-02	3.78E-02	3.78E-02	3.78E-02	0.00E+00	2.25E-02	4.96E-03	1.58E-04	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	7-PAH	4.36E-04	4.36E-04	4.36E-04	4.36E-04	4.66E-04	5.24E-04	5.24E-04	5.24E-04	0.00E+00	3.75E-04	2.02E-05	7.02E-05	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Propylene Dichloride	5.15E-06	5.15E-06	5.15E-06	5.38E-06	5.48E-06	5.92E-06	5.92E-06	5.92E-06	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Quinoline	1.10E-07	1.10E-07	1.10E-07	1.10E-07	1.16E-07	1.29E-07	1.29E-07	1.29E-07	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	1,1,2,2-Tetrachloroethane	6.31E-07	6.31E-07	6.31E-07	6.67E-07	6.74E-07	7.24E-07	7.24E-07	7.24E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Jayuya Municipio	72073	R	Trichloroethylene	1.08E-01	1.08E-01	1.08E-01	1.09E-01	1.10E-01	1.13E-01	1.13E-01	1.13E-01	0.00E+00	2.93E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Jayuya Municipio	72073	R	Vinyl Chloride	5.77E-06	5.77E-06	5.77E-06	5.91E-06	6.11E-06	6.66E-06	6.66E-06	6.66E-06	0.00E+00	6.11E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Acetaldehyde	6.12E-01	6.81E-01	7.65E-01	1.10E+00	1.07E+00	1.34E+00	1.34E+00	1.47E+00	0.00E+00	4.27E-02	6.26E-01	4.03E-01	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Acrolein	4.63E-02	5.43E-02	5.71E-02	7.84E-02	7.91E-02	1.00E-01	1.05E-01	1.08E-01	0.00E+00	1.25E-02	3.36E-02	3.29E-02	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Acrylonitrile	7.10E-05	9.85E-05	1.23E-04	1.41E-04	1.49E-04	1.64E-04	2.28E-04	2.52E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Arsenic Compounds	3.44E-05	4.15E-05	4.98E-05	6.25E-05	8.87E-05	1.49E-04	1.50E-04	1.53E-04	0.00E+00	2.20E-06	8.64E-05	5.60E-08	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Benzene	1.08E+00	1.09E+00	1.13E+00	1.47E+00	1.53E+00	1.96E+00	2.15E+00	2.33E+00	9.19E-03	4.78E-02	4.84E-01	5.07E-01	4.80E-01
Puerto Rico	Juana Diaz Municipio	72075	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
Puerto Rico	Juana Diaz Municipio	72075	U	Beryllium Compounds	1.88E-07	2.48E-07	3.18E-07	3.68E-07	3.94E-07	4.29E-07	6.26E-07	6.91E-07	0.00E+00	3.93E-07	0.00E+00	9.84E-10	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	1,3-Butadiene	3.54E-02	3.73E-02	3.90E-02	5.66E-02	7.22E-02	1.04E-01	1.33E-01	1.51E-01	0.00E+00	4.46E-03	3.46E-02	3.31E-02	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Cadmium Compounds	4.44E-07	7.58E-07	7.79E-07	9.08E-07	1.15E-06	1.48E-06	1.63E-06	2.92E-06	2.11E-07	9.20E-07	0.00E+00	1.37E-08	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Carbon Disulfide	4.80E-02	4.87E-02	4.87E-02	4.90E-02	4.90E-02	4.92E-02	4.98E-02	5.01E-02	0.00E+00	2.03E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Juana Diaz Municipio	72075	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.58E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Juana Diaz Municipio	72075	U	Chloroform	8.45E-02	8.73E-02	8.80E-02	8.85E-02	8.82E-02	8.88E-02	8.93E-02	8.99E-02	2.17E-03	3.02E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Juana Diaz Municipio	72075	U	Chromium Compounds (includes Hexavalent)	2.28E-04	2.91E-04	3.78E-04	4.99E-04	4.91E-04	5.90E-04	6.03E-04	7.00E-04	0.00E+00	3.25E-04	9.15E-05	7.46E-05	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Chromium VI	1.72E-04	2.27E-04	2.95E-04	3.83E-04	3.78E-04	4.17E-04	5.27E-04	6.05E-04	0.00E+00	3.16E-04	3.66E-05	2.54E-05	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	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
Puerto Rico	Juana Diaz Municipio	72075	U	1,4-Dichlorobenzene	2.05E-02	2.60E-02	2.85E-02	3.65E-02	4.48E-02	6.69E-02	7.46E-02	8.29E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	1,3-Dichloropropene	3.72E-02	4.80E-02	5.33E-02	6.82E-02	8.39E-02	1.26E-01	1.41E-01	1.57E-01	0.00E+00	8.39E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	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	0.00E+00	8.74E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Juana Diaz Municipio	72075	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	5.90E-05	1.17E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Juana Diaz Municipio	72075	U	Ethylene Oxide	3.93E-03	3.94E-03	4.93E-03	7.20E-03	9.30E-03	1.37E-02	1.81E-02	2.35E-02	7.44E-03	1.85E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Formaldehyde	7.84E-01	8.05E-01	8.12E-01	1.19E+00	1.17E+00	1.54E+00	1.57E+00	1.63E+00	1.69E-04	7.21E-02	3.51E-01	5.02E-01	2.50E-01
Puerto Rico	Juana Diaz Municipio	72075	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.81E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Juana Diaz Municipio	72075	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	2.81E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Juana Diaz Municipio	72075	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
Puerto Rico	Juana Diaz Municipio	72075	U	Hydrazine	3.55E-09	3.61E-09	3.74E-09	8.92E-09	1.41E-08	1.32E-08	4.52E-08	4.62E-08	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Lead Compounds	1.06E-04	1.51E-04	1.57E-04	2.08E-04	2.06E-04	2.66E-04	2.68E-04	2.98E-04	1.94E-06	1.00E-04	1.04E-04	2.59E-07	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Manganese Compounds	5.59E-04	7.30E-04	7.46E-04	8.91E-04	8.76E-04	9.72E-04	1.06E-03	1.13E-03	0.00E+00	7.63E-04	2.91E-05	8.34E-05	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Mercury Compounds	1.54E-03	1.55E-03	1.56E-03	1.58E-03	1.60E-03	1.65E-03	1.66E-03	1.67E-03	2.15E-06	5.81E-06	7.06E-05	2.14E-05	1.50E-03
Puerto Rico	Juana Diaz Municipio	72075	U	Methylene Chloride	3.53E-01	3.72E-01	4.08E-01	4.57E-01	4.59E-01	4.96E-01	5.61E-01	5.99E-01	1.33E-01	1.76E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Juana Diaz Municipio	72075	U	Nickel Compounds	1.39E-03	1.46E-03	1.62E-03	2.11E-03	2.71E-03	3.91E-03	4.96E-03	6.20E-03	2.50E-03	1.07E-04	6.71E-05	3.84E-05	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Perchloroethylene	1.88E-01	1.96E-01	2.11E-01	2.30E-01	2.36E-01	2.40E-01	2.97E-01	3.14E-01	0.00E+00	9.56E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Juana Diaz Municipio	72075	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Juana Diaz Municipio	72075	U	Polycyclic Organic Matter	2.11E-02	2.11E-02	2.36E-02	3.50E-02	3.81E-02	5.46E-02	6.01E-02	6.48E-02	0.00E+00	2.64E-02	1.15E-02	1.89E-04	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	7-PAH	2.35E-04	3.97E-04	4.10E-04	4.85E-04	4.56E-04	5.15E-04	5.46E-04	5.80E-04	0.00E+00	3.20E-04	4.71E-05	8.94E-05	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Propylene Dichloride	2.59E-06	4.49E-06	4.62E-06	5.23E-06	5.40E-06	5.74E-06	7.40E-06	8.16E-06	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Quinoline	5.05E-08	5.06E-08	5.41E-08	1.02E-07	1.05E-07	1.20E-07	1.85E-07	1.90E-07	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	1,1,2,2-Tetrachloroethane	3.23E-07	4.32E-07	5.58E-07	6.39E-07	6.79E-07	7.53E-07	1.05E-06	1.17E-06	0.00E+00	6.79E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juana Diaz Municipio	72075	U	Trichloroethylene	9.57E-02	1.01E-01	1.06E-01	1.10E-01	1.12E-01	1.14E-01	1.33E-01	1.38E-01	0.00E+00	3.12E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Juana Diaz Municipio	72075	U	Vinyl Chloride	2.79E-06	5.32E-06	5.33E-06	5.59E-06	5.75E-06	6.31E-06	7.21E-06	7.60E-06	0.00E+00	5.75E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Acetaldehyde	5.41E-01	5.41E-01	5.80E-01	6.69E-01	7.49E-01	8.74E-01	1.16E+00	1.16E+00	4.32E-06	4.47E-02	4.35E-01	2.70E-01	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Acrolein	5.77E-02	5.77E-02	5.99E-02	7.10E-02	7.09E-02	7.26E-02	9.32E-02	9.32E-02	2.43E-05	1.61E-02	2.63E-02	2.84E-02	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Acrylonitrile	8.97E-05	8.97E-05	1.14E-04	1.19E-04	1.24E-04	1.20E-04	1.87E-04	1.87E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Arsenic Compounds	4.07E-05	4.07E-05	5.93E-05	8.47E-05	8.11E-05	1.03E-04	1.14E-04	1.14E-04	8.70E-08	5.14E-06	7.57E-05	1.64E-07	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Benzene	1.12E+00	1.12E+00	1.21E+00	1.36E+00	1.39E+00	1.48E+00	1.80E+00	1.80E+00	2.36E-03	5.37E-02	4.21E-01	4.32E-01	4.80E-01
Puerto Rico	Juncos Municipio	72077	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
Puerto Rico	Juncos Municipio	72077	U	Beryllium Compounds	3.82E-07	3.82E-07	4.11E-07	5.21E-07	5.12E-07	5.88E-07	6.49E-07	6.49E-07	1.88E-08	4.91E-07	0.00E+00	2.53E-09	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	1,3-Butadiene	4.83E-02	4.83E-02	5.08E-02	5.99E-02	6.87E-02	7.95E-02	1.14E-01	1.14E-01	5.37E-06	7.70E-03	3.25E-02	2.85E-02	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Cadmium Compounds	2.35E-06	2.35E-06	2.59E-06	2.78E-06	2.82E-06	3.21E-06	3.23E-06	3.23E-06	1.80E-06	9.87E-07	0.00E+00	3.51E-08	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
Puerto Rico	Juncos Municipio	72077	U	Carbon Disulfide	4.87E-02	4.87E-02	4.89E-02	4.90E-02	4.91E-02	4.90E-02	5.00E-02	5.00E-02	3.41E-04	1.76E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Juncos Municipio	72077	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	0.00E+00	3.80E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Juncos Municipio	72077	U	Chloroform	8.53E-02	8.53E-02	8.57E-02	8.60E-02	8.60E-02	8.61E-02	8.72E-02	8.72E-02	0.00E+00	3.04E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Juncos Municipio	72077	U	Chromium Compounds (includes Hexavalent)	3.21E-04	3.21E-04	3.45E-04	4.17E-04	4.38E-04	4.70E-04	6.57E-04	6.57E-04	2.94E-07	2.92E-04	7.80E-05	6.73E-05	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Chromium VI	2.47E-04	2.47E-04	2.85E-04	3.13E-04	3.37E-04	3.53E-04	5.12E-04	5.12E-04	9.17E-08	2.83E-04	3.12E-05	2.29E-05	0.00E+00
Puerto Rico	Juncos Municipio	72077	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
Puerto Rico	Juncos Municipio	72077	U	1,4-Dichlorobenzene	2.57E-02	2.57E-02	2.81E-02	3.68E-02	3.72E-02	4.12E-02	5.43E-02	5.43E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	1,3-Dichloropropene	4.81E-02	4.81E-02	5.25E-02	6.92E-02	6.99E-02	7.77E-02	1.03E-01	1.03E-01	0.00E+00	6.99E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	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	0.00E+00	9.23E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Juncos Municipio	72077	U	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	1.67E-05	1.05E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Juncos Municipio	72077	U	Ethylene Oxide	1.44E-03	1.44E-03	1.54E-03	1.91E-03	1.92E-03	2.03E-03	2.70E-03	2.70E-03	4.27E-04	1.49E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Formaldehyde	8.12E-01	8.12E-01	8.87E-01	9.26E-01	1.01E+00	1.11E+00	1.43E+00	1.43E+00	1.80E-05	9.55E-02	2.88E-01	3.81E-01	2.50E-01
Puerto Rico	Juncos Municipio	72077	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.12E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Juncos Municipio	72077	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	2.33E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Juncos Municipio	72077	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
Puerto Rico	Juncos Municipio	72077	U	Hydrazine	1.71E-08	1.71E-08	1.84E-08	2.36E-08	2.67E-08	2.83E-08	4.94E-08	4.94E-08	0.00E+00	2.67E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Lead Compounds	2.13E-04	2.13E-04	2.17E-04	2.47E-04	2.62E-04	2.71E-04	3.76E-04	3.76E-04	1.59E-05	1.09E-04	1.01E-04	3.62E-05	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Manganese Compounds	6.88E-05	6.88E-05	7.87E-05	1.06E-04	1.06E-04	1.22E-04	1.58E-04	1.58E-04	6.30E-07	5.09E-06	2.53E-05	7.55E-05	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Mercury Compounds	1.56E-03	1.56E-03	1.58E-03	1.61E-03	1.61E-03	1.63E-03	1.65E-03	1.65E-03	1.65E-05	6.96E-06	6.32E-05	1.94E-05	1.50E-03
Puerto Rico	Juncos Municipio	72077	U	Methylene Chloride	3.16E-01	3.16E-01	3.28E-01	3.36E-01	3.53E-01	3.72E-01	4.27E-01	4.27E-01	4.24E-02	1.60E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Juncos Municipio	72077	U	Nickel Compounds	6.81E-04	6.81E-04	7.12E-04	7.95E-04	7.75E-04	8.27E-04	8.37E-04	8.37E-04	5.06E-04	1.73E-04	5.74E-05	3.83E-05	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Perchloroethylene	2.07E-01	2.07E-01	2.16E-01	2.25E-01	2.32E-01	2.34E-01	2.88E-01	2.88E-01	0.00E+00	9.25E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Juncos Municipio	72077	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	5.19E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Juncos Municipio	72077	U	Polycyclic Organic Matter	2.36E-02	2.36E-02	2.59E-02	3.46E-02	3.45E-02	3.83E-02	5.03E-02	5.03E-02	8.37E-05	2.44E-02	9.72E-03	3.75E-04	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	7-PAH	4.38E-04	4.38E-04	4.74E-04	5.21E-04	5.89E-04	6.18E-04	9.63E-04	9.63E-04	8.46E-08	4.66E-04	4.03E-05	8.25E-05	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Propylene Dichloride	3.38E-06	3.38E-06	4.29E-06	4.47E-06	4.69E-06	4.52E-06	7.03E-06	7.03E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Quinoline	8.00E-08	8.00E-08	1.04E-07	1.07E-07	1.13E-07	1.10E-07	1.71E-07	1.71E-07	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	1,1,2,2-Tetrachloroethane	4.06E-07	4.06E-07	5.14E-07	5.37E-07	5.63E-07	5.41E-07	8.45E-07	8.45E-07	0.00E+00	5.63E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Juncos Municipio	72077	U	Trichloroethylene	1.01E-01	1.01E-01	1.04E-01	1.07E-01	1.09E-01	1.09E-01	1.25E-01	1.25E-01	0.00E+00	2.77E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Juncos Municipio	72077	U	Vinyl Chloride	3.93E-06	3.93E-06	5.04E-06	5.21E-06	5.48E-06	5.30E-06	8.21E-06	8.21E-06	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Acetaldehyde	3.16E-01	3.16E-01	3.39E-01	5.91E-01	5.05E-01	6.36E-01	6.43E-01	6.43E-01	0.00E+00	2.09E-02	2.92E-01	1.92E-01	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Acrolein	2.93E-02	2.93E-02	3.30E-02	4.87E-02	4.28E-02	5.04E-02	5.28E-02	5.28E-02	0.00E+00	7.01E-03	1.77E-02	1.81E-02	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Acrylonitrile	5.81E-05	5.81E-05	6.42E-05	6.77E-05	6.81E-05	7.01E-05	8.04E-05	8.04E-05	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Arsenic Compounds	1.49E-05	1.49E-05	1.93E-05	3.08E-05	2.64E-05	3.26E-05	3.46E-05	3.46E-05	0.00E+00	9.56E-07	2.54E-05	4.40E-08	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Benzene	7.85E-01	7.85E-01	7.99E-01	1.06E+00	9.98E-01	1.13E+00	1.21E+00	1.21E+00	0.00E+00	2.37E-02	2.39E-01	2.55E-01	4.80E-01
Puerto Rico	Lajas Municipio	72079	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
Puerto Rico	Lajas Municipio	72079	R	Beryllium Compounds	1.47E-07	1.47E-07	1.57E-07	1.71E-07	1.69E-07	1.71E-07	1.99E-07	1.99E-07	0.00E+00	1.69E-07	0.00E+00	6.46E-10	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	1,3-Butadiene	1.71E-02	1.71E-02	1.76E-02	3.37E-02	3.14E-02	4.02E-02	4.86E-02	4.86E-02	0.00E+00	2.06E-03	1.45E-02	1.48E-02	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Cadmium Compounds	3.56E-07	3.56E-07	3.81E-07	4.09E-07	4.11E-07	4.18E-07	4.90E-07	4.90E-07	0.00E+00	4.02E-07	0.00E+00	8.97E-09	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Carbon Disulfide	4.78E-02	4.78E-02	4.79E-02	4.80E-02	4.80E-02	4.80E-02	4.81E-02	4.81E-02	0.00E+00	9.79E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Lajas Municipio	72079	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	2.08E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Lajas Municipio	72079	R	Chloroform	8.41E-02	8.41E-02	8.43E-02	8.45E-02	8.44E-02	8.45E-02	8.46E-02	8.46E-02	0.00E+00	1.39E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Lajas Municipio	72079	R	Chromium Compounds (includes Hexavalent)	1.53E-04	1.53E-04	1.75E-04	2.19E-04	2.01E-04	2.23E-04	2.34E-04	2.34E-04	0.00E+00	1.37E-04	2.71E-05	3.68E-05	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Chromium VI	1.29E-04	1.29E-04	1.49E-04	1.59E-04	1.57E-04	1.66E-04	1.84E-04	1.84E-04	0.00E+00	1.34E-04	1.09E-05	1.25E-05	0.00E+00
Puerto Rico	Lajas Municipio	72079	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
Puerto Rico	Lajas Municipio	72079	R	1,4-Dichlorobenzene	1.14E-02	1.14E-02	1.23E-02	2.51E-02	2.29E-02	2.93E-02	3.63E-02	3.63E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	1,3-Dichloropropene	2.04E-02	2.04E-02	2.23E-02	4.63E-02	4.22E-02	5.43E-02	6.78E-02	6.78E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	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	5.52E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Lajas Municipio	72079	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	0.00E+00	5.82E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Lajas Municipio	72079	R	Ethylene Oxide	1.40E-03	1.40E-03	2.26E-03	2.35E-03	2.22E-03	2.38E-03	2.70E-03	2.70E-03	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Formaldehyde	5.07E-01	5.07E-01	5.22E-01	7.76E-01	6.95E-01	8.06E-01	8.63E-01	8.63E-01	0.00E+00	3.64E-02	1.64E-01	2.45E-01	2.50E-01
Puerto Rico	Lajas Municipio	72079	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.08E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Lajas Municipio	72079	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	1.27E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Lajas Municipio	72079	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
Puerto Rico	Lajas Municipio	72079	R	Hydrazine	7.11E-09	7.11E-09	8.20E-09	9.45E-09	9.26E-09	1.08E-08	1.08E-08	1.08E-08	0.00E+00	9.26E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Lead Compounds	5.95E-05	5.95E-05	7.04E-05	7.25E-05	7.35E-05	7.86E-05	8.63E-05	8.63E-05	0.00E+00	4.21E-05	3.12E-05	2.07E-07	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Manganese Compounds	2.34E-03	2.34E-03	3.27E-03	3.28E-03	3.21E-03	3.49E-03	3.70E-03	3.70E-03	0.00E+00	3.17E-03	8.46E-06	4.11E-05	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	0.00E+00	2.83E-06	2.07E-05	1.07E-05	1.50E-03
Puerto Rico	Lajas Municipio	72079	R	Methylene Chloride	2.24E-01	2.24E-01	2.36E-01	2.61E-01	2.51E-01	2.66E-01	2.68E-01	2.68E-01	6.09E-03	9.49E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Lajas Municipio	72079	R	Nickel Compounds	2.09E-03	2.09E-03	2.42E-03	2.54E-03	2.50E-03	2.61E-03	2.85E-03	2.85E-03	2.41E-03	4.67E-05	1.98E-05	1.93E-05	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Perchloroethylene	1.76E-01	1.76E-01	1.80E-01	1.82E-01	1.82E-01	1.84E-01	1.89E-01	1.89E-01	0.00E+00	4.22E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Lajas Municipio	72079	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Lajas Municipio	72079	R	Polycyclic Organic Matter	9.86E-03	9.86E-03	1.02E-02	1.89E-02	1.67E-02	2.04E-02	2.43E-02	2.43E-02	0.00E+00	1.32E-02	3.43E-03	9.71E-05	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	7-PAH	2.08E-04	2.08E-04	2.09E-04	2.32E-04	2.25E-04	2.37E-04	2.38E-04	2.38E-04	0.00E+00	1.67E-04	1.40E-05	4.39E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Lajas Municipio	72079	R	Propylene Dichloride	2.23E-06	2.23E-06	2.49E-06	2.58E-06	2.61E-06	2.70E-06	3.06E-06	3.06E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Quinoline	5.67E-08	5.67E-08	6.38E-08	6.45E-08	6.59E-08	6.91E-08	7.53E-08	7.53E-08	0.00E+00	6.59E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	1,1,2,2-Tetrachloroethane	2.62E-07	2.62E-07	2.90E-07	3.06E-07	3.07E-07	3.16E-07	3.63E-07	3.63E-07	0.00E+00	3.07E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lajas Municipio	72079	R	Trichloroethylene	9.29E-02	9.29E-02	9.34E-02	9.47E-02	9.46E-02	9.48E-02	9.70E-02	9.70E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Lajas Municipio	72079	R	Vinyl Chloride	2.71E-06	2.71E-06	3.07E-06	3.08E-06	3.17E-06	3.31E-06	3.66E-06	3.66E-06	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Acetaldehyde	5.36E-01	5.36E-01	6.10E-01	6.51E-01	7.21E-01	7.97E-01	1.12E+00	1.12E+00	0.00E+00	3.75E-02	4.14E-01	2.70E-01	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Acrolein	5.80E-02	5.80E-02	6.06E-02	6.57E-02	7.02E-02	7.92E-02	9.24E-02	9.24E-02	0.00E+00	1.31E-02	2.99E-02	2.72E-02	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Acrylonitrile	9.52E-05	9.52E-05	9.74E-05	9.95E-05	1.12E-04	1.12E-04	1.83E-04	1.83E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Arsenic Compounds	3.12E-05	3.12E-05	3.74E-05	4.35E-05	5.37E-05	7.52E-05	8.60E-05	8.60E-05	0.00E+00	1.49E-06	5.21E-05	4.95E-08	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Benzene	1.00E+00	1.00E+00	1.11E+00	1.17E+00	1.29E+00	1.54E+00	1.71E+00	1.71E+00	7.74E-05	4.19E-02	3.73E-01	3.98E-01	4.80E-01
Puerto Rico	Lares Municipio	72081	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
Puerto Rico	Lares Municipio	72081	R	Beryllium Compounds	2.24E-07	2.24E-07	2.31E-07	2.35E-07	2.67E-07	2.61E-07	4.60E-07	4.60E-07	0.00E+00	2.66E-07	0.00E+00	7.24E-10	0.00E+00
Puerto Rico	Lares Municipio	72081	R	1,3-Butadiene	2.34E-02	2.34E-02	3.29E-02	3.70E-02	4.94E-02	7.21E-02	8.83E-02	8.83E-02	0.00E+00	3.96E-03	2.14E-02	2.41E-02	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Cadmium Compounds	5.48E-07	5.48E-07	5.65E-07	5.77E-07	6.54E-07	6.45E-07	1.11E-06	1.11E-06	0.00E+00	6.44E-07	0.00E+00	1.00E-08	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Carbon Disulfide	4.83E-02	4.83E-02	4.84E-02	4.84E-02	4.86E-02	4.86E-02	4.96E-02	4.96E-02	0.00E+00	1.59E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Lares Municipio	72081	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	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Lares Municipio	72081	R	Chloroform	8.81E-02	8.81E-02	8.85E-02	8.94E-02	8.94E-02	8.98E-02	9.19E-02	9.19E-02	4.15E-03	2.28E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Lares Municipio	72081	R	Chromium Compounds (includes Hexavalent)	2.36E-04	2.36E-04	2.93E-04	3.27E-04	3.32E-04	3.80E-04	4.24E-04	4.24E-04	0.00E+00	2.20E-04	5.51E-05	5.76E-05	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Chromium VI	1.95E-04	1.95E-04	2.19E-04	2.22E-04	2.56E-04	3.05E-04	3.66E-04	3.66E-04	0.00E+00	2.15E-04	2.20E-05	1.96E-05	0.00E+00
Puerto Rico	Lares Municipio	72081	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
Puerto Rico	Lares Municipio	72081	R	1,4-Dichlorobenzene	1.89E-02	1.89E-02	2.22E-02	2.91E-02	3.60E-02	5.25E-02	6.16E-02	6.16E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	1,3-Dichloropropene	3.37E-02	3.37E-02	3.98E-02	5.32E-02	6.64E-02	9.82E-02	1.16E-01	1.16E-01	0.00E+00	6.64E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	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	8.41E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Lares Municipio	72081	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	0.00E+00	9.35E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Lares Municipio	72081	R	Ethylene Oxide	2.45E-03	2.45E-03	2.54E-03	2.72E-03	2.97E-03	3.10E-03	4.58E-03	4.58E-03	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Formaldehyde	6.62E-01	6.62E-01	7.45E-01	7.87E-01	8.89E-01	1.06E+00	1.26E+00	1.26E+00	4.77E-04	6.50E-02	2.32E-01	3.42E-01	2.50E-01
Puerto Rico	Lares Municipio	72081	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.79E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Lares Municipio	72081	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	2.09E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Lares Municipio	72081	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
Puerto Rico	Lares Municipio	72081	R	Hydrazine	6.76E-09	6.76E-09	7.76E-09	8.22E-09	1.43E-08	1.78E-08	4.02E-08	4.02E-08	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Lead Compounds	1.00E-04	1.00E-04	1.07E-04	1.23E-04	1.30E-04	1.46E-04	1.91E-04	1.91E-04	0.00E+00	6.58E-05	6.44E-05	2.32E-07	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Manganese Compounds	1.37E-03	1.37E-03	1.50E-03	1.56E-03	1.61E-03	1.68E-03	2.05E-03	2.05E-03	0.00E+00	1.53E-03	1.74E-05	6.43E-05	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.59E-03	1.60E-03	1.60E-03	0.00E+00	4.77E-06	4.27E-05	1.67E-05	1.50E-03
Puerto Rico	Lares Municipio	72081	R	Methylene Chloride	5.92E-01	5.92E-01	5.95E-01	6.08E-01	6.33E-01	6.56E-01	7.56E-01	7.56E-01	3.41E-01	1.42E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Lares Municipio	72081	R	Nickel Compounds	1.16E-03	1.16E-03	1.24E-03	1.33E-03	1.34E-03	1.38E-03	1.67E-03	1.67E-03	1.19E-03	7.87E-05	4.03E-05	2.92E-05	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Perchloroethylene	1.91E-01	1.91E-01	1.94E-01	1.99E-01	2.07E-01	2.14E-01	2.48E-01	2.48E-01	0.00E+00	6.66E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Lares Municipio	72081	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Lares Municipio	72081	R	Polycyclic Organic Matter	1.67E-02	1.67E-02	1.95E-02	2.34E-02	2.82E-02	3.88E-02	4.59E-02	4.59E-02	0.00E+00	2.11E-02	6.96E-03	1.47E-04	0.00E+00
Puerto Rico	Lares Municipio	72081	R	7-PAH	3.24E-04	3.24E-04	3.74E-04	3.87E-04	4.11E-04	4.23E-04	5.96E-04	5.96E-04	0.00E+00	3.14E-04	2.85E-05	6.88E-05	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Propylene Dichloride	3.55E-06	3.55E-06	3.62E-06	3.71E-06	4.23E-06	4.32E-06	7.02E-06	7.02E-06	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Quinoline	7.72E-08	7.72E-08	7.93E-08	8.15E-08	1.00E-07	1.11E-07	1.82E-07	1.82E-07	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	1,1,2,2-Tetrachloroethane	4.31E-07	4.31E-07	4.42E-07	4.51E-07	5.07E-07	5.06E-07	8.25E-07	8.25E-07	0.00E+00	5.07E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Lares Municipio	72081	R	Trichloroethylene	9.96E-02	9.96E-02	1.00E-01	1.01E-01	1.03E-01	1.03E-01	1.19E-01	1.19E-01	0.00E+00	2.24E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Lares Municipio	72081	R	Vinyl Chloride	4.05E-06	4.05E-06	4.10E-06	4.21E-06	4.97E-06	5.27E-06	8.53E-06	8.53E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Acetaldehyde	5.34E-01	5.34E-01	5.34E-01	6.10E-01	6.26E-01	7.35E-01	7.35E-01	7.35E-01	0.00E+00	3.52E-02	4.21E-01	1.70E-01	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Acrolein	5.13E-02	5.13E-02	5.13E-02	5.29E-02	5.38E-02	5.71E-02	5.71E-02	5.71E-02	0.00E+00	1.07E-02	2.52E-02	1.78E-02	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Acrylonitrile	8.18E-05	8.18E-05	8.18E-05	9.39E-05	9.20E-05	1.00E-04	1.00E-04	1.00E-04	0.00E+00	9.20E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Arsenic Compounds	2.62E-05	2.62E-05	2.62E-05	2.95E-05	2.97E-05	3.35E-05	3.35E-05	3.35E-05	0.00E+00	1.19E-06	2.85E-05	5.54E-08	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Benzene	9.29E-01	9.29E-01	9.29E-01	9.82E-01	1.00E+00	1.09E+00	1.09E+00	1.09E+00	0.00E+00	3.29E-02	2.69E-01	2.20E-01	4.80E-01
Puerto Rico	Las Marias Municipio	72083	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
Puerto Rico	Las Marias Municipio	72083	R	Beryllium Compounds	1.89E-07	1.89E-07	1.89E-07	2.23E-07	2.17E-07	2.37E-07	2.37E-07	2.37E-07	0.00E+00	2.16E-07	0.00E+00	7.92E-10	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	1,3-Butadiene	1.66E-02	1.66E-02	1.66E-02	2.22E-02	2.38E-02	3.26E-02	3.26E-02	3.26E-02	0.00E+00	2.47E-03	1.13E-02	1.01E-02	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Cadmium Compounds	4.76E-07	4.76E-07	4.76E-07	5.59E-07	5.42E-07	5.91E-07	5.91E-07	5.91E-07	0.00E+00	5.31E-07	0.00E+00	1.10E-08	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Carbon Disulfide	4.82E-02	4.82E-02	4.82E-02	4.83E-02	4.83E-02	4.84E-02	4.84E-02	4.84E-02	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Las Marias Municipio	72083	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	2.79E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Las Marias Municipio	72083	R	Chloroform	8.46E-02	8.46E-02	8.46E-02	8.49E-02	8.48E-02	8.49E-02	8.49E-02	8.49E-02	0.00E+00	1.76E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Las Marias Municipio	72083	R	Chromium Compounds (includes Hexavalent)	2.16E-04	2.16E-04	2.16E-04	2.31E-04	2.32E-04	2.48E-04	2.48E-04	2.48E-04	0.00E+00	1.70E-04	3.06E-05	3.12E-05	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Chromium VI	1.75E-04	1.75E-04	1.75E-04	1.81E-04	1.89E-04	2.11E-04	2.11E-04	2.11E-04	0.00E+00	1.66E-04	1.22E-05	1.06E-05	0.00E+00
Puerto Rico	Las Marias Municipio	72083	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
Puerto Rico	Las Marias Municipio	72083	R	1,4-Dichlorobenzene	1.75E-02	1.75E-02	1.75E-02	1.97E-02	2.08E-02	2.53E-02	2.53E-02	2.53E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	1,3-Dichloropropene	3.08E-02	3.08E-02	3.08E-02	3.54E-02	3.74E-02	4.60E-02	4.60E-02	4.60E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	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	7.60E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Las Marias Municipio	72083	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	0.00E+00	7.24E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Las Marias Municipio	72083	R	Ethylene Oxide	2.74E-03	2.74E-03	2.74E-03	2.86E-03	3.13E-03	3.79E-03	3.79E-03	3.79E-03	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Las Marias Municipio	72083	R	Formaldehyde	6.28E-01	6.28E-01	6.28E-01	6.75E-01	6.93E-01	7.75E-01	7.75E-01	7.75E-01	2.87E-04	5.30E-02	1.90E-01	1.99E-01	2.50E-01
Puerto Rico	Las Marias Municipio	72083	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.54E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Las Marias Municipio	72083	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	1.71E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Las Marias Municipio	72083	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
Puerto Rico	Las Marias Municipio	72083	R	Hydrazine	6.39E-09	6.39E-09	6.39E-09	6.75E-09	7.53E-09	9.44E-09	9.44E-09	9.44E-09	0.00E+00	7.53E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Lead Compounds	8.04E-05	8.04E-05	8.04E-05	8.79E-05	8.84E-05	9.69E-05	9.69E-05	9.69E-05	0.00E+00	4.71E-05	4.10E-05	2.61E-07	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Manganese Compounds	1.42E-03	1.42E-03	1.42E-03	1.57E-03	1.53E-03	1.60E-03	1.60E-03	1.60E-03	0.00E+00	1.49E-03	9.30E-06	3.48E-05	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	0.00E+00	3.54E-06	2.31E-05	9.43E-06	1.50E-03
Puerto Rico	Las Marias Municipio	72083	R	Methylene Chloride	3.16E-01	3.16E-01	3.16E-01	4.49E-01	4.18E-01	4.88E-01	4.88E-01	4.88E-01	1.64E-01	1.04E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Las Marias Municipio	72083	R	Nickel Compounds	1.08E-03	1.08E-03	1.08E-03	1.14E-03	1.14E-03	1.20E-03	1.20E-03	1.20E-03	1.04E-03	6.36E-05	2.23E-05	1.61E-05	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Perchloroethylene	1.82E-01	1.82E-01	1.82E-01	1.91E-01	1.88E-01	1.93E-01	1.93E-01	1.93E-01	0.00E+00	4.84E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Las Marias Municipio	72083	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Las Marias Municipio	72083	R	Polycyclic Organic Matter	1.48E-02	1.48E-02	1.48E-02	1.61E-02	1.68E-02	1.96E-02	1.96E-02	1.96E-02	0.00E+00	1.28E-02	3.92E-03	8.65E-05	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	7-PAH	2.92E-04	2.92E-04	2.92E-04	2.92E-04	3.00E-04	3.16E-04	3.16E-04	3.16E-04	0.00E+00	2.46E-04	1.60E-05	3.77E-05	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Propylene Dichloride	3.25E-06	3.25E-06	3.25E-06	3.55E-06	3.54E-06	3.84E-06	3.84E-06	3.84E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Quinoline	8.23E-08	8.23E-08	8.23E-08	9.17E-08	8.96E-08	9.47E-08	9.47E-08	9.47E-08	0.00E+00	8.96E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	1,1,2,2-Tetrachloroethane	3.67E-07	3.67E-07	3.67E-07	4.25E-07	4.15E-07	4.53E-07	4.53E-07	4.53E-07	0.00E+00	4.15E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Marias Municipio	72083	R	Trichloroethylene	9.60E-02	9.60E-02	9.60E-02	9.90E-02	9.82E-02	9.97E-02	9.97E-02	9.97E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Las Marias Municipio	72083	R	Vinyl Chloride	4.15E-06	4.15E-06	4.15E-06	4.21E-06	4.33E-06	4.61E-06	4.61E-06	4.61E-06	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Acetaldehyde	3.66E-01	3.66E-01	4.52E-01	5.69E-01	5.24E-01	5.89E-01	5.97E-01	5.97E-01	4.30E-06	2.59E-02	2.95E-01	2.03E-01	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Acrolein	4.49E-02	4.49E-02	4.88E-02	5.51E-02	5.45E-02	5.91E-02	6.40E-02	6.40E-02	2.68E-05	1.01E-02	2.12E-02	2.31E-02	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Acrylonitrile	4.88E-05	4.88E-05	6.88E-05	8.23E-05	1.02E-04	1.03E-04	2.26E-04	2.26E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Arsenic Compounds	3.33E-05	3.33E-05	3.77E-05	5.43E-05	5.67E-05	7.30E-05	8.73E-05	8.73E-05	9.76E-08	3.79E-06	5.27E-05	9.84E-08	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Benzene	1.04E+00	1.04E+00	1.06E+00	1.13E+00	1.20E+00	1.40E+00	1.42E+00	1.42E+00	3.02E-03	3.61E-02	3.30E-01	3.46E-01	4.80E-01
Puerto Rico	Las Piedras Municipio	72085	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
Puerto Rico	Las Piedras Municipio	72085	U	Beryllium Compounds	2.66E-07	2.66E-07	2.99E-07	3.10E-07	3.73E-07	3.40E-07	7.12E-07	7.12E-07	2.26E-08	3.49E-07	0.00E+00	1.53E-09	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	1,3-Butadiene	3.74E-02	3.74E-02	3.83E-02	4.24E-02	5.03E-02	6.88E-02	7.27E-02	7.27E-02	8.56E-06	3.53E-03	2.45E-02	2.23E-02	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Cadmium Compounds	1.69E-06	1.69E-06	1.74E-06	1.76E-06	1.92E-06	1.88E-06	2.68E-06	2.68E-06	1.15E-06	7.45E-07	0.00E+00	2.13E-08	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Carbon Disulfide	4.82E-02	4.82E-02	4.85E-02	4.86E-02	4.89E-02	4.91E-02	5.08E-02	5.08E-02	5.16E-04	1.43E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Las Piedras Municipio	72085	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	0.00E+00	3.10E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Las Piedras Municipio	72085	U	Chloroform	8.44E-02	8.44E-02	8.48E-02	8.50E-02	8.53E-02	8.53E-02	8.75E-02	8.75E-02	0.00E+00	2.34E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Las Piedras Municipio	72085	U	Chromium Compounds (includes Hexavalent)	2.04E-04	2.04E-04	2.55E-04	3.00E-04	3.51E-04	3.53E-04	6.97E-04	6.97E-04	2.51E-07	2.42E-04	5.51E-05	5.43E-05	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Chromium VI	1.40E-04	1.40E-04	2.06E-04	2.31E-04	2.76E-04	2.60E-04	5.85E-04	5.85E-04	8.44E-08	2.35E-04	2.20E-05	1.85E-05	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	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
Puerto Rico	Las Piedras Municipio	72085	U	1,4-Dichlorobenzene	2.13E-02	2.13E-02	2.42E-02	2.76E-02	3.01E-02	3.91E-02	4.06E-02	4.06E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	1,3-Dichloropropene	3.97E-02	3.97E-02	4.51E-02	5.18E-02	5.65E-02	7.39E-02	7.68E-02	7.68E-02	0.00E+00	5.65E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	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	0.00E+00	7.32E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Las Piedras Municipio	72085	U	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	1.20E-05	8.44E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Las Piedras Municipio	72085	U	Ethylene Oxide	6.00E-04	6.00E-04	9.70E-04	1.27E-03	1.38E-03	1.56E-03	2.62E-03	2.62E-03	1.72E-04	1.21E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Formaldehyde	6.69E-01	6.69E-01	7.74E-01	7.89E-01	8.12E-01	9.25E-01	9.30E-01	9.30E-01	1.53E-05	5.42E-02	2.14E-01	2.94E-01	2.50E-01
Puerto Rico	Las Piedras Municipio	72085	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.49E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Las Piedras Municipio	72085	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	1.91E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Las Piedras Municipio	72085	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
Puerto Rico	Las Piedras Municipio	72085	U	Hydrazine	6.24E-09	6.24E-09	1.04E-08	1.41E-08	2.26E-08	1.83E-08	7.24E-08	7.24E-08	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Lead Compounds	1.23E-04	1.23E-04	1.37E-04	1.59E-04	1.84E-04	1.81E-04	3.48E-04	3.48E-04	9.89E-06	8.48E-05	6.73E-05	2.25E-05	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Manganese Compounds	5.46E-05	5.46E-05	6.37E-05	7.56E-05	8.32E-05	1.11E-04	1.18E-04	1.18E-04	6.82E-07	4.05E-06	1.77E-05	6.07E-05	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Mercury Compounds	1.55E-03	1.55E-03	1.55E-03	1.57E-03	1.57E-03	1.59E-03	1.61E-03	1.61E-03	1.03E-05	4.68E-06	4.35E-05	1.55E-05	1.50E-03
Puerto Rico	Las Piedras Municipio	72085	U	Methylene Chloride	2.63E-01	2.63E-01	2.65E-01	4.99E-01	4.27E-01	5.09E-01	5.29E-01	5.29E-01	1.49E-01	1.28E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Las Piedras Municipio	72085	U	Nickel Compounds	2.21E-04	2.21E-04	5.51E-04	5.81E-04	5.42E-04	6.02E-04	7.17E-04	7.17E-04	3.29E-04	1.43E-04	4.05E-05	2.98E-05	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Perchloroethylene	1.78E-01	1.78E-01	1.91E-01	1.98E-01	2.13E-01	2.05E-01	3.10E-01	3.10E-01	0.00E+00	7.32E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Las Piedras Municipio	72085	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	4.03E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Las Piedras Municipio	72085	U	Polycyclic Organic Matter	1.90E-02	1.90E-02	2.09E-02	2.39E-02	2.64E-02	3.41E-02	3.66E-02	3.66E-02	1.28E-04	1.91E-02	6.88E-03	2.63E-04	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	7-PAH	2.43E-04	2.43E-04	3.45E-04	3.68E-04	3.63E-04	4.07E-04	4.46E-04	4.46E-04	1.12E-07	2.68E-04	2.84E-05	6.60E-05	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Propylene Dichloride	1.83E-06	1.83E-06	2.56E-06	3.08E-06	3.82E-06	3.90E-06	8.47E-06	8.47E-06	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Quinoline	4.19E-08	4.19E-08	5.67E-08	7.08E-08	8.98E-08	9.49E-08	2.04E-07	2.04E-07	0.00E+00	8.98E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	1,1,2,2-Tetrachloroethane	2.21E-07	2.21E-07	3.12E-07	3.73E-07	4.61E-07	4.67E-07	1.02E-06	1.02E-06	0.00E+00	4.61E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Las Piedras Municipio	72085	U	Trichloroethylene	9.14E-02	9.14E-02	9.57E-02	9.84E-02	1.03E-01	1.02E-01	1.34E-01	1.34E-01	0.00E+00	2.23E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Las Piedras Municipio	72085	U	Vinyl Chloride	2.11E-06	2.11E-06	2.89E-06	3.52E-06	4.40E-06	4.58E-06	9.80E-06	9.80E-06	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Acetaldehyde	2.08E-01	2.53E-01	3.81E-01	4.40E-01	4.86E-01	5.52E-01	8.04E-01	9.24E-01	5.18E-06	1.44E-02	2.03E-01	2.68E-01	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Acrolein	2.44E-02	2.79E-02	3.85E-02	4.12E-02	4.47E-02	5.60E-02	6.59E-02	7.45E-02	2.58E-05	5.71E-03	1.28E-02	2.62E-02	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Acrylonitrile	2.92E-05	3.11E-05	3.52E-05	4.92E-05	5.22E-05	5.53E-05	8.72E-05	1.07E-04	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Arsenic Compounds	2.88E-05	2.94E-05	3.38E-05	4.81E-05	5.26E-05	7.37E-05	8.13E-05	8.75E-05	9.86E-08	8.09E-06	4.42E-05	1.95E-07	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Benzene	8.30E-01	8.39E-01	9.25E-01	1.26E+00	1.29E+00	1.72E+00	1.87E+00	1.89E+00	7.43E-04	2.01E-02	3.20E-01	4.72E-01	4.80E-01
Puerto Rico	Loiza Municipio	72087	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

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Loiza Municipio	72087	U	Beryllium Compounds	1.22E-07	1.29E-07	1.47E-07	2.00E-07	1.98E-07	2.22E-07	2.79E-07	3.15E-07	1.95E-08	1.76E-07	0.00E+00	3.03E-09	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	1,3-Butadiene	2.50E-02	2.59E-02	3.35E-02	6.91E-02	6.90E-02	9.67E-02	1.29E-01	1.30E-01	4.15E-06	2.55E-03	3.03E-02	3.62E-02	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Cadmium Compounds	1.99E-06	2.03E-06	2.20E-06	2.39E-06	2.63E-06	2.54E-06	4.01E-06	5.44E-06	2.18E-06	4.08E-07	0.00E+00	4.21E-08	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Carbon Disulfide	4.76E-02	4.76E-02	4.77E-02	4.78E-02	4.79E-02	4.80E-02	4.85E-02	4.88E-02	2.20E-04	7.08E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Loiza Municipio	72087	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	0.00E+00	1.64E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Loiza Municipio	72087	U	Chloroform	8.47E-02	8.47E-02	8.49E-02	8.52E-02	8.60E-02	8.61E-02	8.94E-02	9.26E-02	0.00E+00	3.01E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Loiza Municipio	72087	U	Chromium Compounds (includes Hexavalent)	1.72E-04	1.97E-04	2.31E-04	2.57E-04	2.93E-04	4.08E-04	4.27E-04	4.36E-04	4.36E-07	1.74E-04	4.56E-05	7.39E-05	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Chromium VI	1.30E-04	1.39E-04	1.70E-04	1.93E-04	2.07E-04	2.75E-04	2.83E-04	2.83E-04	1.28E-07	1.63E-04	1.82E-05	2.51E-05	0.00E+00
Puerto Rico	Loiza Municipio	72087	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
Puerto Rico	Loiza Municipio	72087	U	1,4-Dichlorobenzene	1.20E-02	1.44E-02	1.73E-02	3.52E-02	3.95E-02	6.34E-02	6.96E-02	7.47E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	1,3-Dichloropropene	2.19E-02	2.66E-02	3.23E-02	6.68E-02	7.49E-02	1.21E-01	1.33E-01	1.42E-01	0.00E+00	7.49E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	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	0.00E+00	3.04E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Loiza Municipio	72087	U	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	1.45E-05	5.13E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Loiza Municipio	72087	U	Ethylene Oxide	5.53E-04	5.91E-04	7.04E-04	8.76E-04	8.85E-04	1.12E-03	1.14E-03	1.16E-03	0.00E+00	8.85E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Formaldehyde	5.25E-01	5.56E-01	6.37E-01	8.01E-01	8.57E-01	1.11E+00	1.24E+00	1.31E+00	2.53E-05	3.15E-02	1.78E-01	3.98E-01	2.50E-01
Puerto Rico	Loiza Municipio	72087	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	7.19E-10	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Loiza Municipio	72087	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	9.83E-08	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Loiza Municipio	72087	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
Puerto Rico	Loiza Municipio	72087	U	Hydrazine	1.29E-09	1.33E-09	1.64E-09	1.94E-09	6.47E-09	5.67E-09	2.32E-08	3.92E-08	0.00E+00	6.47E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Lead Compounds	1.18E-04	1.25E-04	1.34E-04	1.58E-04	1.90E-04	2.33E-04	3.24E-04	4.12E-04	1.92E-05	4.73E-05	4.99E-05	7.33E-05	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Manganese Compounds	3.41E-05	3.93E-05	4.50E-05	8.98E-05	1.01E-04	1.61E-04	1.76E-04	1.88E-04	7.45E-07	2.23E-06	1.48E-05	8.30E-05	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Mercury Compounds	1.55E-03	1.55E-03	1.57E-03	1.57E-03	1.58E-03	1.61E-03	1.62E-03	1.63E-03	1.99E-05	3.39E-06	3.69E-05	2.10E-05	1.50E-03
Puerto Rico	Loiza Municipio	72087	U	Methylene Chloride	2.24E-01	2.27E-01	2.41E-01	2.58E-01	2.64E-01	3.00E-01	3.06E-01	3.08E-01	1.72E-02	9.68E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Loiza Municipio	72087	U	Nickel Compounds	2.46E-04	2.57E-04	2.73E-04	3.06E-04	3.23E-04	3.92E-04	3.98E-04	4.05E-04	1.24E-04	1.23E-04	3.36E-05	4.36E-05	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Perchloroethylene	1.66E-01	1.69E-01	1.74E-01	1.80E-01	1.86E-01	1.93E-01	2.16E-01	2.29E-01	0.00E+00	4.62E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Loiza Municipio	72087	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	8.17E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Loiza Municipio	72087	U	Polycyclic Organic Matter	1.33E-02	1.40E-02	1.47E-02	2.59E-02	2.92E-02	4.43E-02	4.90E-02	5.29E-02	6.92E-05	2.28E-02	5.66E-03	6.23E-04	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	7-PAH	1.28E-04	1.55E-04	1.98E-04	2.70E-04	2.77E-04	3.00E-04	4.44E-04	4.89E-04	8.13E-08	1.63E-04	2.35E-05	9.09E-05	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Propylene Dichloride	1.04E-06	1.11E-06	1.23E-06	1.68E-06	1.89E-06	2.04E-06	3.36E-06	4.27E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Quinoline	1.75E-08	1.80E-08	1.99E-08	2.09E-08	3.65E-08	4.37E-08	8.93E-08	1.28E-07	0.00E+00	3.65E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	1,1,2,2-Tetrachloroethane	1.33E-07	1.42E-07	1.61E-07	2.26E-07	2.38E-07	2.51E-07	3.93E-07	4.82E-07	0.00E+00	2.38E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Loiza Municipio	72087	U	Trichloroethylene	8.77E-02	8.80E-02	8.90E-02	9.24E-02	9.29E-02	9.34E-02	1.01E-01	1.06E-01	0.00E+00	1.19E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Loiza Municipio	72087	U	Vinyl Chloride	1.05E-06	1.12E-06	1.19E-06	1.53E-06	2.01E-06	2.27E-06	4.12E-06	5.56E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Acetaldehyde	2.49E-01	2.49E-01	3.24E-01	3.67E-01	3.41E-01	3.74E-01	3.90E-01	3.90E-01	2.68E-06	1.26E-02	1.65E-01	1.63E-01	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Acrolein	2.22E-02	2.22E-02	2.31E-02	2.90E-02	2.90E-02	3.25E-02	3.82E-02	3.82E-02	1.28E-05	4.06E-03	1.11E-02	1.38E-02	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Acrylonitrile	2.15E-05	2.15E-05	3.34E-05	4.82E-05	4.10E-05	4.91E-05	5.28E-05	5.28E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Arsenic Compounds	3.36E-05	3.36E-05	3.87E-05	4.35E-05	4.93E-05	4.74E-05	8.32E-05	8.32E-05	4.57E-08	4.46E-06	4.30E-05	1.78E-06	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Benzene	8.14E-01	8.14E-01	8.67E-01	8.71E-01	9.16E-01	8.99E-01	1.13E+00	1.13E+00	4.34E-04	1.59E-02	1.90E-01	2.29E-01	4.80E-01
Puerto Rico	Luquillo Municipio	72089	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
Puerto Rico	Luquillo Municipio	72089	U	Beryllium Compounds	9.35E-08	9.35E-08	1.79E-07	1.80E-07	1.75E-07	1.96E-07	2.26E-07	2.26E-07	9.32E-09	1.34E-07	0.00E+00	3.21E-08	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	1,3-Butadiene	2.31E-02	2.31E-02	2.81E-02	2.87E-02	3.39E-02	3.52E-02	5.44E-02	5.44E-02	1.89E-06	2.17E-03	1.58E-02	1.59E-02	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Cadmium Compounds	1.03E-06	1.03E-06	1.28E-06	1.32E-06	1.38E-06	1.37E-06	1.91E-06	1.91E-06	6.41E-07	2.94E-07	0.00E+00	4.48E-07	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Carbon Disulfide	4.74E-02	4.74E-02	4.77E-02	4.78E-02	4.78E-02	4.78E-02	4.80E-02	4.80E-02	1.20E-04	6.30E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Luquillo Municipio	72089	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	0.00E+00	1.25E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Luquillo Municipio	72089	U	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.41E-02	8.41E-02	8.42E-02	8.44E-02	8.44E-02	0.00E+00	1.07E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Luquillo Municipio	72089	U	Chromium Compounds (includes Hexavalent)	1.32E-04	1.32E-04	1.34E-04	1.85E-04	1.81E-04	1.92E-04	2.64E-04	2.64E-04	1.93E-07	1.00E-04	4.42E-05	3.70E-05	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Chromium VI	7.86E-05	7.86E-05	9.73E-05	1.36E-04	1.25E-04	1.47E-04	1.68E-04	1.68E-04	5.68E-08	9.52E-05	1.77E-05	1.26E-05	0.00E+00
Puerto Rico	Luquillo Municipio	72089	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
Puerto Rico	Luquillo Municipio	72089	U	1,4-Dichlorobenzene	1.26E-02	1.26E-02	1.52E-02	1.62E-02	1.93E-02	1.83E-02	3.41E-02	3.41E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	1,3-Dichloropropene	2.35E-02	2.35E-02	2.83E-02	3.03E-02	3.63E-02	3.46E-02	6.50E-02	6.50E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	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	0.00E+00	4.46E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Luquillo Municipio	72089	U	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	6.46E-06	4.20E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Luquillo Municipio	72089	U	Ethylene Oxide	1.72E-04	1.72E-04	1.81E-04	5.95E-04	4.86E-04	7.19E-04	7.66E-04	7.66E-04	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Formaldehyde	5.71E-01	5.71E-01	5.91E-01	6.12E-01	6.35E-01	6.22E-01	7.80E-01	7.80E-01	1.16E-05	2.52E-02	1.23E-01	2.37E-01	2.50E-01
Puerto Rico	Luquillo Municipio	72089	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	8.12E-10	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Luquillo Municipio	72089	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	7.53E-08	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Luquillo Municipio	72089	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
Puerto Rico	Luquillo Municipio	72089	U	Hydrazine	4.61E-09	4.61E-09	1.15E-08	1.24E-08	1.27E-08	1.40E-08	2.10E-08	2.10E-08	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Lead Compounds	1.02E-04	1.02E-04	1.14E-04	1.15E-04	1.19E-04	1.21E-04	1.44E-04	1.44E-04	5.47E-06	3.75E-05	5.37E-05	2.27E-05	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Manganese Compounds	4.48E-05	4.48E-05	4.70E-05	5.02E-05	6.01E-05	5.52E-05	1.03E-04	1.03E-04	3.45E-07	1.71E-06	1.44E-05	4.36E-05	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.55E-03	1.59E-03	1.59E-03	5.81E-06	2.15E-06	3.60E-05	1.30E-05	1.50E-03
Puerto Rico	Luquillo Municipio	72089	U	Methylene Chloride	2.20E-01	2.20E-01	2.21E-01	2.28E-01	2.35E-01	2.40E-01	2.66E-01	2.66E-01	8.48E-03	7.64E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Luquillo Municipio	72089	U	Nickel Compounds	1.92E-04	1.92E-04	2.05E-04	2.23E-04	2.35E-04	2.69E-04	2.86E-04	2.86E-04	5.40E-05	7.45E-05	3.25E-05	7.39E-05	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Perchloroethylene	1.60E-01	1.60E-01	1.67E-01	1.77E-01	1.74E-01	1.79E-01	1.86E-01	1.86E-01	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.40E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Luquillo Municipio	72089	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Luquillo Municipio	72089	U	Polycyclic Organic Matter	1.19E-02	1.19E-02	1.49E-02	1.55E-02	1.77E-02	1.61E-02	3.00E-02	3.00E-02	4.11E-05	1.16E-02	5.49E-03	5.35E-04	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	7-PAH	1.13E-04	1.13E-04	1.29E-04	2.10E-04	2.02E-04	2.62E-04	2.95E-04	2.95E-04	4.35E-08	1.22E-04	2.28E-05	5.66E-05	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Propylene Dichloride	8.43E-07	8.43E-07	1.39E-06	1.89E-06	1.68E-06	1.91E-06	2.38E-06	2.38E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Quinoline	2.34E-08	2.34E-08	4.75E-08	4.98E-08	5.48E-08	5.53E-08	9.78E-08	9.78E-08	0.00E+00	5.48E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	1,1,2,2-Tetrachloroethane	9.65E-08	9.65E-08	1.49E-07	2.17E-07	1.83E-07	2.21E-07	2.32E-07	2.32E-07	0.00E+00	1.83E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Luquillo Municipio	72089	U	Trichloroethylene	8.57E-02	8.57E-02	8.85E-02	9.17E-02	9.02E-02	9.25E-02	9.26E-02	9.26E-02	0.00E+00	9.18E-03	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Luquillo Municipio	72089	U	Vinyl Chloride	1.07E-06	1.07E-06	1.96E-06	2.31E-06	2.31E-06	2.46E-06	3.75E-06	3.75E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Acetaldehyde	1.10E+00	1.10E+00	1.32E+00	1.40E+00	1.42E+00	1.44E+00	1.93E+00	1.93E+00	9.93E-05	6.85E-02	7.56E-01	5.93E-01	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Acrolein	1.06E-01	1.06E-01	1.19E-01	1.33E-01	1.33E-01	1.42E-01	1.71E-01	1.71E-01	2.37E-04	2.10E-02	5.51E-02	5.68E-02	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Acrylonitrile	1.19E-04	1.19E-04	1.35E-04	1.59E-04	1.78E-04	2.16E-04	2.86E-04	2.86E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Arsenic Compounds	9.54E-05	9.54E-05	1.25E-04	1.60E-04	1.56E-04	1.90E-04	2.06E-04	2.06E-04	1.08E-06	3.31E-05	1.22E-04	5.38E-07	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Benzene	1.43E+00	1.43E+00	1.69E+00	1.88E+00	2.06E+00	2.40E+00	3.08E+00	3.08E+00	8.93E-03	6.71E-02	7.03E-01	7.98E-01	4.80E-01
Puerto Rico	Manati Municipio	72091	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
Puerto Rico	Manati Municipio	72091	U	Beryllium Compounds	5.70E-07	5.70E-07	6.08E-07	6.27E-07	7.06E-07	8.00E-07	1.01E-06	1.01E-06	1.95E-07	5.03E-07	0.00E+00	8.50E-09	0.00E+00
Puerto Rico	Manati Municipio	72091	U	1,3-Butadiene	4.09E-02	4.09E-02	6.36E-02	7.92E-02	9.80E-02	1.31E-01	1.95E-01	1.95E-01	4.06E-05	6.19E-03	4.36E-02	4.81E-02	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Cadmium Compounds	2.67E-06	2.67E-06	2.79E-06	3.18E-06	3.18E-06	3.54E-06	3.79E-06	3.79E-06	1.94E-06	1.12E-06	0.00E+00	1.18E-07	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Carbon Disulfide	4.94E-02	4.94E-02	4.98E-02	5.00E-02	5.03E-02	5.08E-02	5.19E-02	5.19E-02	8.26E-04	2.50E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Manati Municipio	72091	U	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	0.00E+00	5.49E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Manati Municipio	72091	U	Chloroform	1.27E-01	1.27E-01	1.54E-01	2.31E-01	3.02E-01	4.62E-01	5.96E-01	5.96E-01	2.15E-01	3.83E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Manati Municipio	72091	U	Chromium Compounds (includes Hexavalent)	6.89E-04	6.89E-04	9.31E-04	9.73E-04	9.99E-04	1.10E-03	1.28E-03	1.28E-03	5.92E-06	7.50E-04	1.27E-04	1.15E-04	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Chromium VI	4.47E-04	4.47E-04	5.16E-04	5.99E-04	6.02E-04	6.83E-04	7.75E-04	7.75E-04	1.66E-06	5.11E-04	5.09E-05	3.92E-05	0.00E+00
Puerto Rico	Manati Municipio	72091	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
Puerto Rico	Manati Municipio	72091	U	1,4-Dichlorobenzene	3.67E-02	3.67E-02	4.80E-02	6.01E-02	7.02E-02	9.14E-02	1.26E-01	1.26E-01	0.00E+00	7.02E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	1,3-Dichloropropene	6.45E-02	6.45E-02	8.61E-02	1.09E-01	1.29E-01	1.70E-01	2.37E-01	2.37E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	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	0.00E+00	1.27E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Manati Municipio	72091	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.22E-05	1.46E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Manati Municipio	72091	U	Ethylene Oxide	1.42E-03	1.42E-03	1.65E-03	2.05E-03	2.16E-03	2.64E-03	3.17E-03	3.17E-03	1.90E-05	2.14E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Formaldehyde	1.22E+00	1.22E+00	1.51E+00	1.59E+00	1.71E+00	1.86E+00	2.51E+00	2.51E+00	9.52E-04	1.21E-01	5.17E-01	8.18E-01	2.50E-01
Puerto Rico	Manati Municipio	72091	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.76E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Manati Municipio	72091	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	3.34E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Manati Municipio	72091	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
Puerto Rico	Manati Municipio	72091	U	Hydrazine	4.90E-09	4.90E-09	6.58E-09	8.77E-09	2.16E-08	3.74E-08	6.21E-08	6.21E-08	0.00E+00	2.16E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Lead Compounds	2.26E-04	2.26E-04	2.97E-04	4.14E-04	4.18E-04	5.64E-04	5.68E-04	5.68E-04	5.95E-06	1.29E-04	1.76E-04	1.07E-04	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Manganese Compounds	1.27E-04	1.27E-04	1.60E-04	2.17E-04	2.18E-04	2.52E-04	3.61E-04	3.61E-04	8.57E-06	4.01E-05	4.01E-05	1.30E-04	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Mercury Compounds	1.58E-03	1.58E-03	1.62E-03	1.65E-03	1.65E-03	1.67E-03	1.72E-03	1.72E-03	2.21E-06	8.00E-06	1.01E-04	3.45E-05	1.50E-03
Puerto Rico	Manati Municipio	72091	U	Methylene Chloride	3.85E-01	3.85E-01	4.71E-01	7.89E-01	1.13E+00	1.61E+00	2.93E+00	2.93E+00	6.94E-01	2.89E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Manati Municipio	72091	U	Nickel Compounds	3.24E-03	3.24E-03	3.84E-03	4.12E-03	4.05E-03	4.37E-03	4.50E-03	4.50E-03	2.33E-03	1.55E-03	9.32E-05	8.14E-05	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Perchloroethylene	2.35E-01	2.35E-01	2.49E-01	2.63E-01	2.74E-01	2.93E-01	3.49E-01	3.49E-01	0.00E+00	1.34E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Manati Municipio	72091	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.16E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Manati Municipio	72091	U	Polycyclic Organic Matter	3.34E-02	3.34E-02	4.74E-02	5.76E-02	5.86E-02	6.57E-02	9.36E-02	9.36E-02	5.43E-04	4.07E-02	1.63E-02	1.01E-03	0.00E+00
Puerto Rico	Manati Municipio	72091	U	7-PAH	5.65E-04	5.65E-04	6.76E-04	6.89E-04	7.35E-04	8.17E-04	9.47E-04	9.47E-04	7.46E-07	5.22E-04	6.64E-05	1.46E-04	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Propylene Dichloride	4.37E-06	4.37E-06	5.02E-06	5.89E-06	6.67E-06	8.15E-06	1.09E-05	1.09E-05	0.00E+00	6.67E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Quinoline	8.54E-08	8.54E-08	1.06E-07	1.23E-07	1.50E-07	1.94E-07	2.71E-07	2.71E-07	0.00E+00	1.50E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	1,1,2,2-Tetrachloroethane	5.42E-07	5.42E-07	6.15E-07	7.24E-07	8.08E-07	9.76E-07	1.29E-06	1.29E-06	0.00E+00	8.08E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Manati Municipio	72091	U	Trichloroethylene	1.15E-01	1.15E-01	1.18E-01	1.19E-01	1.53E-01	1.54E-01	3.26E-01	3.26E-01	0.00E+00	7.18E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Manati Municipio	72091	U	Vinyl Chloride	4.76E-06	4.76E-06	5.65E-06	6.57E-06	7.66E-06	9.56E-06	1.30E-05	1.30E-05	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Acetaldehyde	5.88E-01	5.88E-01	5.88E-01	6.40E-01	6.40E-01	6.91E-01	6.91E-01	6.91E-01	0.00E+00	3.57E-02	4.26E-01	1.78E-01	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Acrolein	5.33E-02	5.33E-02	5.33E-02	5.41E-02	5.41E-02	5.50E-02	5.50E-02	5.50E-02	0.00E+00	1.07E-02	2.54E-02	1.81E-02	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Acrylonitrile	9.31E-05	9.31E-05	9.31E-05	9.65E-05	9.65E-05	9.99E-05	9.99E-05	9.99E-05	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Arsenic Compounds	2.70E-05	2.70E-05	2.70E-05	2.87E-05	2.87E-05	3.04E-05	3.04E-05	3.04E-05	0.00E+00	1.25E-06	2.73E-05	9.60E-08	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Benzene	9.55E-01	9.55E-01	9.55E-01	9.95E-01	9.95E-01	1.04E+00	1.04E+00	1.04E+00	0.00E+00	3.34E-02	2.62E-01	2.19E-01	4.80E-01
Puerto Rico	Maricao Municipio	72093	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
Puerto Rico	Maricao Municipio	72093	R	Beryllium Compounds	2.21E-07	2.21E-07	2.21E-07	2.28E-07	2.28E-07	2.36E-07	2.36E-07	2.36E-07	0.00E+00	2.27E-07	0.00E+00	1.41E-09	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	1,3-Butadiene	1.74E-02	1.74E-02	1.74E-02	2.18E-02	2.18E-02	2.62E-02	2.62E-02	2.62E-02	0.00E+00	2.42E-03	1.01E-02	9.30E-03	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Cadmium Compounds	5.53E-07	5.53E-07	5.53E-07	5.72E-07	5.72E-07	5.91E-07	5.91E-07	5.91E-07	0.00E+00	5.53E-07	0.00E+00	1.96E-08	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Carbon Disulfide	4.83E-02	4.83E-02	4.83E-02	4.84E-02	4.84E-02	4.84E-02	4.84E-02	4.84E-02	0.00E+00	1.38E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Maricao Municipio	72093	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	2.92E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Maricao Municipio	72093	R	Chloroform	8.48E-02	8.48E-02	8.48E-02	8.48E-02	8.48E-02	8.49E-02	8.49E-02	8.49E-02	0.00E+00	1.84E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Maricao Municipio	72093	R	Chromium Compounds (includes Hexavalent)	2.45E-04	2.45E-04	2.45E-04	2.45E-04	2.45E-04	2.46E-04	2.46E-04	2.46E-04	0.00E+00	1.85E-04	2.95E-05	3.05E-05	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Chromium VI	1.99E-04	1.99E-04	1.99E-04	2.03E-04	2.03E-04	2.08E-04	2.08E-04	2.08E-04	0.00E+00	1.81E-04	1.18E-05	1.04E-05	0.00E+00
Puerto Rico	Maricao Municipio	72093	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
Puerto Rico	Maricao Municipio	72093	R	1,4-Dichlorobenzene	1.85E-02	1.85E-02	1.85E-02	2.07E-02	2.07E-02	2.30E-02	2.30E-02	2.30E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	1,3-Dichloropropene	3.26E-02	3.26E-02	3.26E-02	3.70E-02	3.70E-02	4.14E-02	4.14E-02	4.14E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Maricao Municipio	72093	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	7.73E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Maricao Municipio	72093	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	0.00E+00	7.43E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Maricao Municipio	72093	R	Ethylene Oxide	4.49E-03	4.49E-03	4.49E-03	5.46E-03	5.46E-03	6.43E-03	6.43E-03	6.43E-03	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Formaldehyde	6.74E-01	6.74E-01	6.74E-01	7.15E-01	7.15E-01	7.56E-01	7.56E-01	7.56E-01	3.58E-04	5.49E-02	1.99E-01	2.10E-01	2.50E-01
Puerto Rico	Maricao Municipio	72093	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.55E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Maricao Municipio	72093	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	1.80E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Maricao Municipio	72093	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
Puerto Rico	Maricao Municipio	72093	R	Hydrazine	7.52E-09	7.52E-09	7.52E-09	7.72E-09	7.72E-09	7.92E-09	7.92E-09	7.92E-09	0.00E+00	7.72E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Lead Compounds	8.83E-05	8.83E-05	8.83E-05	8.84E-05	8.84E-05	8.85E-05	8.85E-05	8.85E-05	0.00E+00	4.75E-05	4.05E-05	4.50E-07	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Manganese Compounds	1.96E-03	1.96E-03	1.96E-03	2.05E-03	2.05E-03	2.14E-03	2.14E-03	2.14E-03	0.00E+00	2.01E-03	8.82E-06	3.41E-05	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	0.00E+00	3.68E-06	2.22E-05	9.47E-06	1.50E-03
Puerto Rico	Maricao Municipio	72093	R	Methylene Chloride	3.47E-01	3.47E-01	3.47E-01	4.33E-01	4.33E-01	5.20E-01	5.20E-01	5.20E-01	1.77E-01	1.07E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Maricao Municipio	72093	R	Nickel Compounds	1.43E-03	1.43E-03	1.43E-03	1.46E-03	1.46E-03	1.50E-03	1.50E-03	1.50E-03	1.36E-03	6.42E-05	2.14E-05	1.71E-05	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Perchloroethylene	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.90E-01	1.90E-01	1.90E-01	0.00E+00	4.95E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Maricao Municipio	72093	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Maricao Municipio	72093	R	Polycyclic Organic Matter	1.54E-02	1.54E-02	1.54E-02	1.67E-02	1.67E-02	1.80E-02	1.80E-02	1.80E-02	0.00E+00	1.28E-02	3.81E-03	9.59E-05	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	7-PAH	2.87E-04	2.87E-04	2.87E-04	2.97E-04	2.97E-04	3.07E-04	3.07E-04	3.07E-04	0.00E+00	2.44E-04	1.54E-05	3.72E-05	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Propylene Dichloride	3.60E-06	3.60E-06	3.60E-06	3.69E-06	3.69E-06	3.79E-06	3.79E-06	3.79E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Quinoline	9.05E-08	9.05E-08	9.05E-08	9.11E-08	9.11E-08	9.16E-08	9.16E-08	9.16E-08	0.00E+00	9.11E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	1,1,2,2-Tetrachloroethane	4.20E-07	4.20E-07	4.20E-07	4.36E-07	4.36E-07	4.52E-07	4.52E-07	4.52E-07	0.00E+00	4.36E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maricao Municipio	72093	R	Trichloroethylene	9.83E-02	9.83E-02	9.83E-02	9.89E-02	9.89E-02	9.95E-02	9.95E-02	9.95E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Maricao Municipio	72093	R	Vinyl Chloride	4.41E-06	4.41E-06	4.41E-06	4.45E-06	4.45E-06	4.49E-06	4.49E-06	4.49E-06	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Acetaldehyde	3.64E-01	3.64E-01	3.64E-01	3.65E-01	3.65E-01	3.66E-01	3.66E-01	3.66E-01	3.11E-05	1.30E-02	1.71E-01	1.81E-01	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Acrolein	3.45E-02	3.45E-02	3.45E-02	3.46E-02	3.50E-02	3.59E-02	3.59E-02	3.59E-02	1.92E-04	5.19E-03	1.04E-02	1.92E-02	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Acrylonitrile	6.87E-05	6.87E-05	6.87E-05	6.91E-05	6.94E-05	7.06E-05	7.06E-05	7.06E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Arsenic Compounds	1.93E-05	1.93E-05	1.93E-05	1.94E-05	2.03E-05	2.23E-05	2.23E-05	2.23E-05	1.01E-06	2.84E-06	1.65E-05	1.33E-08	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Benzene	9.17E-01	9.17E-01	9.17E-01	1.21E+00	1.11E+00	1.21E+00	1.21E+00	1.21E+00	2.08E-02	2.30E-02	2.44E-01	3.43E-01	4.80E-01
Puerto Rico	Maunabo Municipio	72095	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
Puerto Rico	Maunabo Municipio	72095	R	Beryllium Compounds	3.22E-07	3.22E-07	3.22E-07	3.36E-07	4.56E-07	7.11E-07	7.11E-07	7.11E-07	2.64E-07	1.92E-07	0.00E+00	1.97E-10	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	1,3-Butadiene	2.69E-02	2.69E-02	2.69E-02	6.05E-02	4.94E-02	6.07E-02	6.07E-02	6.07E-02	2.31E-04	2.47E-03	2.15E-02	2.52E-02	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Cadmium Compounds	1.88E-06	1.88E-06	1.88E-06	1.90E-06	2.51E-06	3.75E-06	3.75E-06	3.75E-06	2.06E-06	4.46E-07	0.00E+00	2.73E-09	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Carbon Disulfide	5.21E-02	5.21E-02	5.21E-02	5.25E-02	5.56E-02	6.21E-02	6.21E-02	6.21E-02	7.64E-03	9.37E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Maunabo Municipio	72095	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	2.13E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Maunabo Municipio	72095	R	Chloroform	8.46E-02	8.46E-02	8.46E-02	8.48E-02	8.47E-02	8.48E-02	8.48E-02	8.48E-02	0.00E+00	1.73E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Maunabo Municipio	72095	R	Chromium Compounds (includes Hexavalent)	1.49E-04	1.49E-04	1.49E-04	1.54E-04	1.90E-04	2.68E-04	2.68E-04	2.68E-04	8.14E-07	1.19E-04	1.69E-05	5.35E-05	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Chromium VI	9.25E-05	9.25E-05	9.25E-05	9.70E-05	1.40E-04	2.32E-04	2.32E-04	2.32E-04	4.64E-07	1.15E-04	6.77E-06	1.82E-05	0.00E+00
Puerto Rico	Maunabo Municipio	72095	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
Puerto Rico	Maunabo Municipio	72095	R	1,4-Dichlorobenzene	1.60E-02	1.60E-02	1.60E-02	3.46E-02	2.84E-02	3.46E-02	3.46E-02	3.46E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	1,3-Dichloropropene	2.96E-02	2.96E-02	2.96E-02	6.57E-02	5.37E-02	6.58E-02	6.58E-02	6.58E-02	0.00E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	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	3.89E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Maunabo Municipio	72095	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	6.81E-06	6.18E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Maunabo Municipio	72095	R	Ethylene Oxide	1.19E-03	1.19E-03	1.19E-03	1.53E-03	1.42E-03	1.55E-03	1.55E-03	1.55E-03	4.85E-04	9.38E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Formaldehyde	6.06E-01	6.06E-01	6.06E-01	7.40E-01	6.96E-01	7.41E-01	7.41E-01	7.41E-01	5.46E-05	2.96E-02	1.43E-01	2.73E-01	2.50E-01
Puerto Rico	Maunabo Municipio	72095	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	7.96E-10	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Maunabo Municipio	72095	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	1.31E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Maunabo Municipio	72095	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
Puerto Rico	Maunabo Municipio	72095	R	Hydrazine	3.61E-09	3.61E-09	3.61E-09	4.10E-09	9.62E-09	2.12E-08	2.12E-08	2.12E-08	0.00E+00	9.62E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Lead Compounds	1.17E-04	1.17E-04	1.17E-04	1.25E-04	1.23E-04	1.26E-04	1.26E-04	1.26E-04	1.37E-05	6.62E-05	2.09E-05	2.19E-05	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Manganese Compounds	5.20E-05	5.20E-05	5.20E-05	8.52E-05	7.42E-05	8.55E-05	8.55E-05	8.55E-05	6.48E-06	2.48E-06	5.36E-06	5.99E-05	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.54E-03	1.55E-03	1.55E-03	1.55E-03	1.08E-05	3.46E-06	1.39E-05	1.50E-05	1.50E-03
Puerto Rico	Maunabo Municipio	72095	R	Methylene Chloride	3.19E-01	3.19E-01	3.19E-01	3.26E-01	3.60E-01	4.35E-01	4.35E-01	4.35E-01	1.12E-01	9.79E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Maunabo Municipio	72095	R	Nickel Compounds	3.46E-04	3.46E-04	3.46E-04	3.48E-04	3.78E-04	4.41E-04	4.41E-04	4.41E-04	2.58E-04	8.02E-05	1.24E-05	2.71E-05	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Perchloroethylene	1.84E-01	1.84E-01	1.84E-01	2.03E-01	1.97E-01	2.04E-01	2.04E-01	2.04E-01	0.00E+00	5.67E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Maunabo Municipio	72095	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.46E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Maunabo Municipio	72095	R	Polycyclic Organic Matter	1.71E-02	1.71E-02	1.71E-02	2.35E-02	2.14E-02	2.36E-02	2.36E-02	2.36E-02	1.89E-03	1.71E-02	2.14E-03	2.43E-04	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	7-PAH	1.85E-04	1.85E-04	1.85E-04	1.88E-04	2.25E-04	3.04E-04	3.04E-04	3.04E-04	1.40E-06	1.50E-04	8.88E-06	6.48E-05	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Propylene Dichloride	2.32E-06	2.32E-06	2.32E-06	2.39E-06	2.50E-06	2.79E-06	2.79E-06	2.79E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Quinoline	2.65E-08	2.65E-08	2.65E-08	2.83E-08	4.71E-08	8.65E-08	8.65E-08	8.65E-08	0.00E+00	4.71E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	1,1,2,2-Tetrachloroethane	3.09E-07	3.09E-07	3.09E-07	3.16E-07	3.16E-07	3.24E-07	3.24E-07	3.24E-07	0.00E+00	3.16E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Maunabo Municipio	72095	R	Trichloroethylene	9.55E-02	9.55E-02	9.55E-02	9.74E-02	9.69E-02	9.78E-02	9.78E-02	9.78E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Maunabo Municipio	72095	R	Vinyl Chloride	2.01E-06	2.01E-06	2.01E-06	2.10E-06	2.61E-06	3.73E-06	3.73E-06	3.73E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Acetaldehyde	7.32E-01	7.88E-01	1.00E+00	1.15E+00	1.24E+00	1.57E+00	1.74E+00	1.80E+00	0.00E+00	5.61E-02	6.07E-01	5.74E-01	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Acrolein	7.91E-02	8.36E-02	8.81E-02	1.03E-01	1.04E-01	1.12E-01	1.31E-01	1.41E-01	0.00E+00	1.81E-02	3.94E-02	4.64E-02	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Acrylonitrile	8.74E-05	8.84E-05	1.01E-04	1.06E-04	1.49E-04	1.73E-04	2.47E-04	4.67E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Mayaguez Municipio	72097	U	Arsenic Compounds	5.27E-05	5.33E-05	5.93E-05	6.67E-05	7.66E-05	8.02E-05	9.52E-05	1.31E-04	0.00E+00	2.13E-06	7.45E-05	7.11E-10	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Benzene	1.31E+00	1.38E+00	1.55E+00	1.89E+00	1.95E+00	2.14E+00	2.82E+00	3.13E+00	0.00E+00	5.96E-02	6.55E-01	7.54E-01	4.80E-01
Puerto Rico	Mayaguez Municipio	72097	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
Puerto Rico	Mayaguez Municipio	72097	U	Beryllium Compounds	1.99E-07	2.11E-07	2.38E-07	2.44E-07	3.71E-07	3.89E-07	5.41E-07	1.45E-06	0.00E+00	3.71E-07	0.00E+00	9.49E-12	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	1,3-Butadiene	4.94E-02	5.27E-02	6.59E-02	1.09E-01	1.09E-01	1.25E-01	1.88E-01	2.16E-01	0.00E+00	6.88E-03	4.98E-02	5.24E-02	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Cadmium Compounds	4.96E-07	5.17E-07	5.82E-07	5.94E-07	9.00E-07	9.65E-07	1.28E-06	3.45E-06	0.00E+00	9.00E-07	0.00E+00	1.31E-10	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Carbon Disulfide	4.83E-02	4.84E-02	4.85E-02	4.86E-02	4.92E-02	4.94E-02	5.05E-02	5.26E-02	0.00E+00	2.17E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Mayaguez Municipio	72097	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.59E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Mayaguez Municipio	72097	U	Chloroform	8.47E-02	8.50E-02	8.53E-02	8.58E-02	8.63E-02	8.65E-02	8.75E-02	9.16E-02	0.00E+00	3.25E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Mayaguez Municipio	72097	U	Chromium Compounds (includes Hexavalent)	3.47E-04	3.48E-04	3.92E-04	4.79E-04	5.18E-04	5.95E-04	7.63E-04	7.68E-04	0.00E+00	3.27E-04	7.95E-05	1.12E-04	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Chromium VI	2.35E-04	2.50E-04	2.85E-04	3.26E-04	3.89E-04	4.75E-04	6.45E-04	6.57E-04	0.00E+00	3.19E-04	3.18E-05	3.81E-05	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	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
Puerto Rico	Mayaguez Municipio	72097	U	1,4-Dichlorobenzene	2.90E-02	3.35E-02	4.34E-02	5.97E-02	6.75E-02	7.91E-02	1.18E-01	1.38E-01	0.00E+00	6.75E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	1,3-Dichloropropene	5.32E-02	6.20E-02	8.10E-02	1.12E-01	1.27E-01	1.50E-01	2.24E-01	2.62E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	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	0.00E+00	1.29E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Mayaguez Municipio	72097	U	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	0.00E+00	1.40E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Mayaguez Municipio	72097	U	Ethylene Oxide	2.86E-03	3.87E-03	4.52E-03	4.74E-03	5.34E-03	5.13E-03	6.83E-03	1.23E-02	0.00E+00	5.34E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Formaldehyde	9.30E-01	9.43E-01	1.09E+00	1.40E+00	1.42E+00	1.66E+00	2.16E+00	2.17E+00	0.00E+00	9.72E-02	3.80E-01	6.91E-01	2.50E-01
Puerto Rico	Mayaguez Municipio	72097	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.67E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Mayaguez Municipio	72097	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	2.77E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Mayaguez Municipio	72097	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
Puerto Rico	Mayaguez Municipio	72097	U	Hydrazine	4.01E-09	5.92E-09	8.04E-09	1.07E-08	2.23E-08	1.63E-08	5.94E-08	1.33E-07	0.00E+00	2.23E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Lead Compounds	1.35E-04	1.36E-04	1.44E-04	2.00E-04	2.20E-04	2.49E-04	3.32E-04	4.53E-04	0.00E+00	9.19E-05	1.28E-04	3.36E-09	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Manganese Compounds	4.92E-04	5.19E-04	5.79E-04	6.68E-04	8.93E-04	8.13E-04	2.21E-03	2.54E-03	0.00E+00	7.43E-04	2.54E-05	1.25E-04	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Mercury Compounds	1.56E-03	1.56E-03	1.58E-03	1.59E-03	1.60E-03	1.62E-03	1.64E-03	1.65E-03	0.00E+00	7.25E-06	6.02E-05	3.13E-05	1.50E-03
Puerto Rico	Mayaguez Municipio	72097	U	Methylene Chloride	2.87E-01	2.90E-01	3.35E-01	3.67E-01	4.54E-01	5.82E-01	7.47E-01	7.56E-01	6.59E-03	2.97E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Mayaguez Municipio	72097	U	Nickel Compounds	5.34E-04	1.60E-03	1.87E-03	1.98E-03	1.89E-03	2.11E-03	2.23E-03	2.31E-03	1.67E-03	1.04E-04	5.83E-05	5.51E-05	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Perchloroethylene	1.85E-01	1.94E-01	2.04E-01	2.18E-01	2.39E-01	2.56E-01	3.27E-01	4.18E-01	0.00E+00	9.88E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Mayaguez Municipio	72097	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Mayaguez Municipio	72097	U	Polycyclic Organic Matter	3.08E-02	3.08E-02	3.76E-02	4.73E-02	4.88E-02	5.30E-02	7.36E-02	8.53E-02	0.00E+00	3.86E-02	1.00E-02	1.94E-04	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	7-PAH	3.95E-04	4.23E-04	4.51E-04	5.37E-04	6.25E-04	6.58E-04	1.03E-03	1.05E-03	0.00E+00	4.53E-04	4.07E-05	1.31E-04	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Propylene Dichloride	3.51E-06	3.78E-06	4.07E-06	4.37E-06	5.79E-06	6.46E-06	9.39E-06	1.49E-05	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Quinoline	7.80E-08	9.45E-08	1.19E-07	1.32E-07	1.56E-07	1.48E-07	2.33E-07	4.53E-07	0.00E+00	1.56E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	1,1,2,2-Tetrachloroethane	3.86E-07	3.97E-07	4.53E-07	4.76E-07	6.72E-07	7.80E-07	1.12E-06	2.16E-06	0.00E+00	6.72E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Mayaguez Municipio	72097	U	Trichloroethylene	9.63E-02	9.71E-02	9.98E-02	1.00E-01	1.11E-01	1.17E-01	1.33E-01	1.93E-01	0.00E+00	3.01E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Mayaguez Municipio	72097	U	Vinyl Chloride	4.54E-06	5.12E-06	5.43E-06	5.94E-06	7.21E-06	7.40E-06	1.11E-05	1.62E-05	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Acetaldehyde	5.59E-01	5.59E-01	6.48E-01	6.93E-01	7.22E-01	8.42E-01	8.96E-01	8.96E-01	0.00E+00	3.35E-02	4.59E-01	2.30E-01	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Acrolein	7.05E-02	7.05E-02	7.10E-02	7.55E-02	7.56E-02	8.04E-02	8.08E-02	8.08E-02	0.00E+00	1.29E-02	3.41E-02	2.86E-02	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Acrylonitrile	1.18E-04	1.18E-04	1.21E-04	1.24E-04	1.25E-04	1.29E-04	1.37E-04	1.37E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Arsenic Compounds	4.04E-05	4.04E-05	4.34E-05	4.44E-05	4.53E-05	4.95E-05	5.00E-05	5.00E-05	0.00E+00	1.74E-06	4.36E-05	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Benzene	1.17E+00	1.17E+00	1.21E+00	1.31E+00	1.32E+00	1.42E+00	1.47E+00	1.47E+00	0.00E+00	4.29E-02	4.21E-01	3.74E-01	4.80E-01
Puerto Rico	Moca Municipio	72099	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
Puerto Rico	Moca Municipio	72099	R	Beryllium Compounds	2.87E-07	2.87E-07	2.93E-07	3.08E-07	3.09E-07	3.17E-07	3.38E-07	3.38E-07	0.00E+00	3.09E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	1,3-Butadiene	3.33E-02	3.33E-02	3.91E-02	4.74E-02	4.65E-02	5.28E-02	5.86E-02	5.86E-02	0.00E+00	3.58E-03	2.30E-02	1.99E-02	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Cadmium Compounds	7.34E-07	7.34E-07	7.36E-07	7.68E-07	7.80E-07	7.98E-07	8.73E-07	8.73E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Carbon Disulfide	4.86E-02	4.86E-02	4.86E-02	4.87E-02	4.87E-02	4.89E-02	4.90E-02	4.90E-02	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Moca Municipio	72099	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	3.85E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Moca Municipio	72099	R	Chloroform	8.54E-02	8.54E-02	8.55E-02	8.55E-02	8.55E-02	8.55E-02	8.56E-02	8.56E-02	0.00E+00	2.50E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Moca Municipio	72099	R	Chromium Compounds (includes Hexavalent)	3.38E-04	3.38E-04	3.47E-04	3.63E-04	3.60E-04	3.72E-04	3.76E-04	3.76E-04	0.00E+00	2.58E-04	4.70E-05	5.50E-05	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Chromium VI	2.77E-04	2.77E-04	2.79E-04	2.87E-04	2.90E-04	2.93E-04	3.14E-04	3.14E-04	0.00E+00	2.52E-04	1.88E-05	1.87E-05	0.00E+00
Puerto Rico	Moca Municipio	72099	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
Puerto Rico	Moca Municipio	72099	R	1,4-Dichlorobenzene	2.91E-02	2.91E-02	3.01E-02	3.47E-02	3.51E-02	4.05E-02	4.14E-02	4.14E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	1,3-Dichloropropene	5.29E-02	5.29E-02	5.50E-02	6.39E-02	6.46E-02	7.48E-02	7.67E-02	7.67E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	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	7.98E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Moca Municipio	72099	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	0.00E+00	9.75E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Moca Municipio	72099	R	Ethylene Oxide	3.83E-03	3.83E-03	3.85E-03	4.24E-03	4.51E-03	4.72E-03	6.20E-03	6.20E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Formaldehyde	7.21E-01	7.21E-01	7.92E-01	8.08E-01	8.32E-01	9.13E-01	9.49E-01	9.49E-01	1.37E-04	5.88E-02	2.39E-01	2.84E-01	2.50E-01
Puerto Rico	Moca Municipio	72099	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.71E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Moca Municipio	72099	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	2.36E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Moca Municipio	72099	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
Puerto Rico	Moca Municipio	72099	R	Hydrazine	2.58E-09	2.58E-09	3.63E-09	7.43E-09	1.16E-08	1.04E-08	3.81E-08	3.81E-08	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Lead Compounds	1.24E-04	1.24E-04	1.36E-04	1.37E-04	1.36E-04	1.39E-04	1.40E-04	1.40E-04	0.00E+00	7.34E-05	6.22E-05	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Manganese Compounds	2.16E-04	2.16E-04	2.53E-04	2.71E-04	2.64E-04	2.84E-04	2.87E-04	2.87E-04	0.00E+00	1.88E-04	1.45E-05	6.12E-05	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Mercury Compounds	1.55E-03	1.55E-03	1.55E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	0.00E+00	5.44E-06	3.52E-05	1.58E-05	1.50E-03

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Moca Municipio	72099	R	Methylene Chloride	3.01E-01	3.01E-01	3.03E-01	3.07E-01	3.47E-01	3.08E-01	5.59E-01	5.59E-01	4.56E-02	1.52E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Moca Municipio	72099	R	Nickel Compounds	1.45E-04	1.45E-04	1.49E-04	1.55E-04	1.54E-04	1.60E-04	1.60E-04	1.60E-04	0.00E+00	9.36E-05	3.43E-05	2.59E-05	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Perchloroethylene	2.10E-01	2.10E-01	2.11E-01	2.13E-01	2.14E-01	2.17E-01	2.18E-01	2.18E-01	0.00E+00	7.35E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Moca Municipio	72099	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Moca Municipio	72099	R	Polycyclic Organic Matter	2.55E-02	2.55E-02	2.56E-02	2.71E-02	2.80E-02	3.13E-02	3.14E-02	3.14E-02	0.00E+00	2.19E-02	5.98E-03	1.25E-04	0.00E+00
Puerto Rico	Moca Municipio	72099	R	7-PAH	3.17E-04	3.17E-04	3.38E-04	3.71E-04	3.92E-04	4.16E-04	5.40E-04	5.40E-04	0.00E+00	3.03E-04	2.43E-05	6.51E-05	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Propylene Dichloride	4.17E-06	4.17E-06	4.28E-06	4.50E-06	4.60E-06	4.95E-06	5.24E-06	5.24E-06	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Quinoline	5.85E-08	5.85E-08	6.81E-08	8.96E-08	9.52E-08	1.01E-07	1.64E-07	1.64E-07	0.00E+00	9.52E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	1,1,2,2-Tetrachloroethane	5.39E-07	5.39E-07	5.49E-07	5.65E-07	5.70E-07	5.77E-07	6.26E-07	6.26E-07	0.00E+00	5.70E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Moca Municipio	72099	R	Trichloroethylene	1.04E-01	1.04E-01	1.05E-01	1.05E-01	1.06E-01	1.07E-01	1.08E-01	1.08E-01	0.00E+00	2.47E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Moca Municipio	72099	R	Vinyl Chloride	3.99E-06	3.99E-06	4.16E-06	4.97E-06	5.06E-06	5.21E-06	7.05E-06	7.05E-06	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Acetaldehyde	1.10E+00	1.10E+00	1.38E+00	1.43E+00	1.42E+00	1.50E+00	1.68E+00	1.68E+00	7.07E-05	6.97E-02	8.50E-01	4.99E-01	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Acrolein	1.12E-01	1.12E-01	1.36E-01	1.38E-01	1.39E-01	1.54E-01	1.56E-01	1.56E-01	1.70E-04	2.16E-02	5.87E-02	5.86E-02	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Acrylonitrile	1.98E-04	1.98E-04	2.03E-04	2.13E-04	2.32E-04	2.62E-04	2.83E-04	2.83E-04	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Arsenic Compounds	8.31E-05	8.31E-05	1.06E-04	1.07E-04	1.03E-04	1.08E-04	1.12E-04	1.12E-04	8.08E-07	3.20E-05	7.02E-05	3.15E-07	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Benzene	1.54E+00	1.54E+00	1.87E+00	2.01E+00	2.07E+00	2.40E+00	2.53E+00	2.53E+00	4.95E-03	7.70E-02	7.72E-01	7.38E-01	4.80E-01
Puerto Rico	Morovis Municipio	72101	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
Puerto Rico	Morovis Municipio	72101	U	Beryllium Compounds	6.57E-07	6.57E-07	7.42E-07	7.70E-07	7.95E-07	8.82E-07	9.20E-07	9.20E-07	1.45E-07	6.45E-07	0.00E+00	5.03E-09	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	1,3-Butadiene	4.70E-02	4.70E-02	6.93E-02	8.15E-02	9.18E-02	1.25E-01	1.36E-01	1.36E-01	3.38E-05	7.46E-03	4.47E-02	3.96E-02	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Cadmium Compounds	8.70E-06	8.70E-06	9.01E-06	9.12E-06	9.18E-06	9.39E-06	9.68E-06	9.68E-06	7.62E-06	1.49E-06	0.00E+00	6.99E-08	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Carbon Disulfide	5.02E-02	5.02E-02	5.06E-02	5.07E-02	5.09E-02	5.13E-02	5.15E-02	5.15E-02	6.07E-04	3.25E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Morovis Municipio	72101	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	7.09E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Morovis Municipio	72101	U	Chloroform	9.19E-02	9.19E-02	9.29E-02	9.36E-02	9.36E-02	9.41E-02	9.54E-02	9.54E-02	4.83E-03	5.76E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Morovis Municipio	72101	U	Chromium Compounds (includes Hexavalent)	5.66E-04	5.66E-04	6.84E-04	7.16E-04	7.30E-04	8.38E-04	8.44E-04	8.44E-04	4.39E-06	5.47E-04	7.35E-05	1.05E-04	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Chromium VI	4.49E-04	4.49E-04	5.17E-04	5.21E-04	5.59E-04	6.41E-04	6.70E-04	6.70E-04	1.23E-06	4.93E-04	2.94E-05	3.56E-05	0.00E+00
Puerto Rico	Morovis Municipio	72101	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
Puerto Rico	Morovis Municipio	72101	U	1,4-Dichlorobenzene	4.11E-02	4.11E-02	5.94E-02	6.25E-02	6.53E-02	7.60E-02	8.74E-02	8.74E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	1,3-Dichloropropene	7.26E-02	7.26E-02	1.07E-01	1.13E-01	1.19E-01	1.39E-01	1.61E-01	1.61E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	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	0.00E+00	1.65E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Morovis Municipio	72101	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.03E-05	1.79E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Morovis Municipio	72101	U	Ethylene Oxide	2.65E-03	2.65E-03	2.67E-03	2.86E-03	3.06E-03	3.43E-03	3.71E-03	3.71E-03	2.34E-04	2.83E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Formaldehyde	1.43E+00	1.43E+00	1.44E+00	1.75E+00	1.66E+00	1.80E+00	1.90E+00	1.90E+00	3.16E-04	1.27E-01	5.77E-01	7.09E-01	2.50E-01
Puerto Rico	Morovis Municipio	72101	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.29E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Morovis Municipio	72101	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	4.34E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Morovis Municipio	72101	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
Puerto Rico	Morovis Municipio	72101	U	Hydrazine	2.06E-08	2.06E-08	2.36E-08	2.67E-08	3.20E-08	4.29E-08	4.63E-08	4.63E-08	0.00E+00	3.20E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Lead Compounds	4.36E-04	4.36E-04	5.12E-04	5.22E-04	5.18E-04	5.58E-04	5.61E-04	5.61E-04	6.12E-05	1.60E-04	1.01E-04	1.96E-04	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Manganese Compounds	1.50E-04	1.50E-04	1.54E-04	1.83E-04	2.69E-04	2.06E-04	6.53E-04	6.53E-04	6.36E-06	1.23E-04	2.23E-05	1.18E-04	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Mercury Compounds	1.64E-03	1.64E-03	1.66E-03	1.66E-03	1.67E-03	1.68E-03	1.68E-03	1.68E-03	6.55E-05	9.60E-06	5.85E-05	3.22E-05	1.50E-03
Puerto Rico	Morovis Municipio	72101	U	Methylene Chloride	4.43E-01	4.43E-01	4.50E-01	4.74E-01	4.98E-01	5.60E-01	5.62E-01	5.62E-01	7.69E-02	2.71E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Morovis Municipio	72101	U	Nickel Compounds	2.35E-03	2.35E-03	2.45E-03	2.66E-03	2.67E-03	2.76E-03	3.14E-03	3.14E-03	1.36E-03	1.19E-03	5.36E-05	6.57E-05	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Perchloroethylene	2.70E-01	2.70E-01	2.85E-01	2.91E-01	3.04E-01	3.32E-01	3.41E-01	3.41E-01	0.00E+00	1.64E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Morovis Municipio	72101	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	8.51E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Morovis Municipio	72101	U	Polycyclic Organic Matter	3.59E-02	3.59E-02	4.78E-02	4.95E-02	5.11E-02	5.85E-02	6.39E-02	6.39E-02	4.00E-04	3.98E-02	9.52E-03	1.43E-03	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	7-PAH	6.01E-04	6.01E-04	6.45E-04	6.84E-04	7.33E-04	8.38E-04	8.99E-04	8.99E-04	5.48E-07	5.59E-04	3.90E-05	1.35E-04	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Propylene Dichloride	7.36E-06	7.36E-06	7.58E-06	7.99E-06	8.67E-06	9.81E-06	1.06E-05	1.06E-05	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Quinoline	1.59E-07	1.59E-07	1.71E-07	1.84E-07	1.96E-07	2.25E-07	2.43E-07	2.43E-07	0.00E+00	1.96E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	1,1,2,2-Tetrachloroethane	9.00E-07	9.00E-07	9.18E-07	9.63E-07	1.05E-06	1.19E-06	1.28E-06	1.28E-06	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Morovis Municipio	72101	U	Trichloroethylene	1.22E-01	1.22E-01	1.23E-01	1.24E-01	1.29E-01	1.36E-01	1.41E-01	1.41E-01	0.00E+00	4.83E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Morovis Municipio	72101	U	Vinyl Chloride	8.30E-06	8.30E-06	8.70E-06	9.27E-06	9.95E-06	1.13E-05	1.22E-05	1.22E-05	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Acetaldehyde	2.34E-01	2.34E-01	2.77E-01	3.55E-01	3.57E-01	4.37E-01	4.84E-01	4.84E-01	3.46E-06	1.91E-02	2.14E-01	1.24E-01	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Acrolein	2.05E-02	2.05E-02	2.43E-02	2.92E-02	2.87E-02	3.31E-02	3.58E-02	3.58E-02	2.49E-05	5.69E-03	1.10E-02	1.19E-02	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Acrylonitrile	4.18E-05	4.18E-05	4.37E-05	4.77E-05	5.00E-05	5.64E-05	6.30E-05	6.30E-05	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Arsenic Compounds	1.43E-05	1.43E-05	1.64E-05	2.49E-05	2.48E-05	3.32E-05	3.51E-05	3.51E-05	7.15E-08	2.30E-06	2.24E-05	7.64E-08	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Benzene	7.78E-01	7.78E-01	7.93E-01	8.45E-01	8.38E-01	8.82E-01	8.83E-01	8.83E-01	1.37E-03	1.95E-02	1.63E-01	1.74E-01	4.80E-01
Puerto Rico	Naguabo Municipio	72103	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
Puerto Rico	Naguabo Municipio	72103	U	Beryllium Compounds	1.49E-07	1.49E-07	1.54E-07	1.64E-07	1.70E-07	1.87E-07	2.03E-07	2.03E-07	1.77E-08	1.51E-07	0.00E+00	1.27E-09	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	1,3-Butadiene	2.18E-02	2.18E-02	2.24E-02	2.41E-02	2.44E-02	2.64E-02	2.78E-02	2.78E-02	5.04E-06	2.46E-03	1.13E-02	1.07E-02	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Cadmium Compounds	8.75E-07	8.75E-07	9.28E-07	1.00E-06	1.05E-06	1.17E-06	1.32E-06	1.32E-06	6.87E-07	3.44E-07	0.00E+00	1.77E-08	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Carbon Disulfide	4.80E-02	4.80E-02	4.80E-02	4.82E-02	4.82E-02	4.83E-02	4.83E-02	4.83E-02	4.54E-04	6.98E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Naguabo Municipio	72103	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	0.00E+00	1.53E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Naguabo Municipio	72103	U	Chloroform	8.40E-02	8.40E-02	8.40E-02	8.41E-02	8.42E-02	8.43E-02	8.44E-02	8.44E-02	0.00E+00	1.17E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Naguabo Municipio	72103	U	Chromium Compounds (includes Hexavalent)	1.31E-04	1.31E-04	1.46E-04	1.61E-04	1.64E-04	1.83E-04	2.03E-04	2.03E-04	1.25E-07	1.14E-04	2.33E-05	2.71E-05	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Chromium VI	1.06E-04	1.06E-04	1.13E-04	1.24E-04	1.29E-04	1.44E-04	1.62E-04	1.62E-04	4.86E-08	1.10E-04	9.33E-06	9.21E-06	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Naguabo Municipio	72103	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
Puerto Rico	Naguabo Municipio	72103	U	1,4-Dichlorobenzene	1.25E-02	1.25E-02	1.29E-02	1.46E-02	1.51E-02	1.73E-02	1.88E-02	1.88E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	1,3-Dichloropropene	2.35E-02	2.35E-02	2.42E-02	2.71E-02	2.83E-02	3.23E-02	3.53E-02	3.53E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	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	0.00E+00	3.45E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Naguabo Municipio	72103	U	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	8.12E-06	4.15E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Naguabo Municipio	72103	U	Ethylene Oxide	5.14E-04	5.14E-04	5.37E-04	5.84E-04	6.09E-04	6.82E-04	7.55E-04	7.55E-04	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Formaldehyde	5.05E-01	5.05E-01	5.31E-01	5.97E-01	5.92E-01	6.54E-01	6.71E-01	6.71E-01	8.84E-06	3.57E-02	1.33E-01	1.74E-01	2.50E-01
Puerto Rico	Naguabo Municipio	72103	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	7.64E-10	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Naguabo Municipio	72103	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	9.38E-08	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Naguabo Municipio	72103	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
Puerto Rico	Naguabo Municipio	72103	U	Hydrazine	7.28E-09	7.28E-09	8.03E-09	8.96E-09	8.74E-09	9.45E-09	9.76E-09	9.76E-09	0.00E+00	8.74E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Lead Compounds	7.99E-05	7.99E-05	8.11E-05	8.47E-05	8.95E-05	9.79E-05	1.08E-04	1.08E-04	5.86E-06	4.03E-05	3.04E-05	1.29E-05	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Manganese Compounds	3.22E-05	3.22E-05	3.59E-05	4.12E-05	4.01E-05	4.44E-05	4.59E-05	4.59E-05	4.84E-07	1.89E-06	7.42E-06	3.03E-05	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	6.13E-06	2.44E-06	1.85E-05	7.83E-06	1.50E-03
Puerto Rico	Naguabo Municipio	72103	U	Methylene Chloride	2.26E-01	2.26E-01	2.33E-01	2.44E-01	2.46E-01	2.59E-01	2.70E-01	2.70E-01	2.63E-02	6.97E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Naguabo Municipio	72103	U	Nickel Compounds	8.55E-05	8.55E-05	9.48E-05	1.24E-04	1.28E-04	1.61E-04	1.79E-04	1.79E-04	2.21E-05	7.32E-05	1.71E-05	1.56E-05	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Perchloroethylene	1.72E-01	1.72E-01	1.72E-01	1.74E-01	1.76E-01	1.79E-01	1.82E-01	1.82E-01	0.00E+00	3.58E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Naguabo Municipio	72103	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.63E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Naguabo Municipio	72103	U	Polycyclic Organic Matter	9.93E-03	9.93E-03	1.15E-02	1.36E-02	1.29E-02	1.43E-02	1.45E-02	1.45E-02	1.05E-04	9.72E-03	2.94E-03	1.53E-04	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	7-PAH	1.65E-04	1.65E-04	1.82E-04	2.02E-04	2.05E-04	2.28E-04	2.52E-04	2.52E-04	9.18E-08	1.60E-04	1.21E-05	3.33E-05	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Propylene Dichloride	1.55E-06	1.55E-06	1.62E-06	1.78E-06	1.86E-06	2.10E-06	2.35E-06	2.35E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Quinoline	3.45E-08	3.45E-08	3.63E-08	4.03E-08	4.20E-08	4.77E-08	5.28E-08	5.28E-08	0.00E+00	4.20E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	1,1,2,2-Tetrachloroethane	1.90E-07	1.90E-07	1.98E-07	2.16E-07	2.27E-07	2.56E-07	2.86E-07	2.86E-07	0.00E+00	2.27E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naguabo Municipio	72103	U	Trichloroethylene	9.06E-02	9.06E-02	9.07E-02	9.13E-02	9.19E-02	9.30E-02	9.44E-02	9.44E-02	0.00E+00	1.09E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Naguabo Municipio	72103	U	Vinyl Chloride	1.74E-06	1.74E-06	1.83E-06	2.02E-06	2.11E-06	2.39E-06	2.66E-06	2.66E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Acetaldehyde	1.50E+00	1.50E+00	1.54E+00	1.58E+00	1.59E+00	1.60E+00	1.75E+00	1.75E+00	2.83E-05	6.72E-02	1.10E+00	4.24E-01	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Acrolein	1.17E-01	1.17E-01	1.22E-01	1.28E-01	1.28E-01	1.35E-01	1.35E-01	1.35E-01	5.78E-05	2.05E-02	6.09E-02	4.61E-02	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Acrylonitrile	1.54E-04	1.54E-04	1.91E-04	1.95E-04	2.81E-04	3.33E-04	5.33E-04	5.33E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Arsenic Compounds	1.03E-04	1.03E-04	1.06E-04	1.22E-04	1.17E-04	1.23E-04	1.29E-04	1.29E-04	3.12E-07	3.02E-05	8.61E-05	9.29E-08	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Benzene	1.75E+00	1.75E+00	1.76E+00	1.77E+00	1.83E+00	1.89E+00	1.98E+00	1.98E+00	2.40E-03	7.74E-02	7.19E-01	5.51E-01	4.80E-01
Puerto Rico	Naranjito Municipio	72105	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
Puerto Rico	Naranjito Municipio	72105	U	Beryllium Compounds	5.90E-07	5.90E-07	6.49E-07	6.85E-07	9.48E-07	1.06E-06	1.76E-06	1.76E-06	5.72E-08	8.90E-07	0.00E+00	1.57E-09	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	1,3-Butadiene	6.45E-02	6.45E-02	6.61E-02	6.75E-02	7.18E-02	7.57E-02	8.52E-02	8.52E-02	2.19E-05	6.29E-03	3.77E-02	2.78E-02	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Cadmium Compounds	7.65E-06	7.65E-06	7.81E-06	7.92E-06	9.60E-06	1.16E-05	1.30E-05	1.30E-05	7.54E-06	2.03E-06	0.00E+00	2.19E-08	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Carbon Disulfide	4.95E-02	4.95E-02	4.98E-02	5.02E-02	5.12E-02	5.17E-02	5.48E-02	5.48E-02	3.58E-04	3.84E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Naranjito Municipio	72105	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	0.00E+00	8.56E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Naranjito Municipio	72105	U	Chloroform	8.84E-02	8.84E-02	8.87E-02	8.88E-02	9.01E-02	9.05E-02	9.39E-02	9.39E-02	0.00E+00	7.07E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Naranjito Municipio	72105	U	Chromium Compounds (includes Hexavalent)	5.66E-04	5.66E-04	6.45E-04	6.55E-04	7.69E-04	8.43E-04	1.14E-03	1.14E-03	1.58E-06	5.98E-04	9.06E-05	7.82E-05	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Chromium VI	4.16E-04	4.16E-04	4.94E-04	5.00E-04	6.22E-04	6.99E-04	9.99E-04	9.99E-04	4.52E-07	5.58E-04	3.62E-05	2.66E-05	0.00E+00
Puerto Rico	Naranjito Municipio	72105	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
Puerto Rico	Naranjito Municipio	72105	U	1,4-Dichlorobenzene	4.31E-02	4.31E-02	4.81E-02	4.92E-02	4.90E-02	4.92E-02	5.57E-02	5.57E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	1,3-Dichloropropene	7.81E-02	7.81E-02	8.73E-02	8.91E-02	8.94E-02	9.00E-02	1.02E-01	1.02E-01	0.00E+00	8.94E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	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	0.00E+00	1.72E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Naranjito Municipio	72105	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	4.31E-05	1.86E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Naranjito Municipio	72105	U	Ethylene Oxide	2.19E-03	2.19E-03	2.62E-03	2.62E-03	3.87E-03	4.67E-03	7.25E-03	7.25E-03	3.67E-04	3.50E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Formaldehyde	1.42E+00	1.42E+00	1.53E+00	1.54E+00	1.53E+00	1.56E+00	1.58E+00	1.58E+00	1.17E-04	1.16E-01	6.04E-01	5.55E-01	2.50E-01
Puerto Rico	Naranjito Municipio	72105	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.28E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Naranjito Municipio	72105	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	5.29E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Naranjito Municipio	72105	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
Puerto Rico	Naranjito Municipio	72105	U	Hydrazine	1.06E-08	1.06E-08	1.63E-08	2.10E-08	3.23E-08	3.47E-08	7.90E-08	7.90E-08	0.00E+00	3.23E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Lead Compounds	5.21E-04	5.21E-04	5.31E-04	5.55E-04	5.72E-04	5.63E-04	6.87E-04	6.87E-04	6.62E-05	1.86E-04	1.52E-04	1.68E-04	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Manganese Compounds	1.25E-04	1.25E-04	1.26E-04	1.26E-04	1.30E-04	1.31E-04	1.43E-04	1.43E-04	2.40E-06	1.16E-05	2.80E-05	8.81E-05	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Mercury Compounds	1.66E-03	1.66E-03	1.66E-03	1.68E-03	1.68E-03	1.69E-03	1.69E-03	1.69E-03	7.08E-05	9.83E-06	7.12E-05	2.47E-05	1.50E-03
Puerto Rico	Naranjito Municipio	72105	U	Methylene Chloride	4.28E-01	4.28E-01	4.80E-01	5.00E-01	5.32E-01	5.86E-01	6.65E-01	6.65E-01	1.62E-01	2.20E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Naranjito Municipio	72105	U	Nickel Compounds	1.07E-03	1.07E-03	1.18E-03	1.24E-03	1.26E-03	1.25E-03	1.59E-03	1.59E-03	4.73E-04	6.82E-04	6.62E-05	4.36E-05	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Perchloroethylene	2.60E-01	2.60E-01	2.74E-01	2.80E-01	3.21E-01	3.43E-01	4.51E-01	4.51E-01	0.00E+00	1.81E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Naranjito Municipio	72105	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.00E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Naranjito Municipio	72105	U	Polycyclic Organic Matter	4.42E-02	4.42E-02	4.45E-02	4.53E-02	4.59E-02	4.56E-02	4.99E-02	4.99E-02	1.67E-04	3.29E-02	1.17E-02	1.14E-03	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	7-PAH	6.39E-04	6.39E-04	6.45E-04	7.00E-04	6.80E-04	7.00E-04	7.14E-04	7.14E-04	2.17E-07	5.30E-04	4.76E-05	1.02E-04	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Propylene Dichloride	5.64E-06	5.64E-06	6.93E-06	7.06E-06	1.02E-05	1.22E-05	1.94E-05	1.94E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Quinoline	1.14E-07	1.14E-07	1.34E-07	1.37E-07	2.07E-07	2.54E-07	3.95E-07	3.95E-07	0.00E+00	2.07E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	1,1,2,2-Tetrachloroethane	6.98E-07	6.98E-07	8.70E-07	8.86E-07	1.28E-06	1.51E-06	2.43E-06	2.43E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Naranjito Municipio	72105	U	Trichloroethylene	1.13E-01	1.13E-01	1.20E-01	1.22E-01	1.38E-01	1.48E-01	1.89E-01	1.89E-01	0.00E+00	5.71E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Naranjito Municipio	72105	U	Vinyl Chloride	6.19E-06	6.19E-06	7.39E-06	7.52E-06	1.11E-05	1.34E-05	2.09E-05	2.09E-05	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Orocovis Municipio	72107	R	Acetaldehyde	8.63E-01	8.63E-01	9.43E-01	1.03E+00	1.03E+00	1.10E+00	1.28E+00	1.28E+00	2.49E-05	5.16E-02	6.48E-01	3.30E-01	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Acrolein	8.67E-02	8.67E-02	9.14E-02	9.68E-02	9.57E-02	1.01E-01	1.02E-01	1.02E-01	5.74E-05	1.61E-02	4.35E-02	3.61E-02	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Acrylonitrile	1.41E-04	1.41E-04	1.48E-04	1.56E-04	1.60E-04	1.70E-04	1.83E-04	1.83E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Arsenic Compounds	5.92E-05	5.92E-05	6.40E-05	6.66E-05	6.72E-05	7.11E-05	7.47E-05	7.47E-05	2.67E-07	1.50E-05	5.18E-05	1.26E-07	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Benzene	1.30E+00	1.30E+00	1.35E+00	1.42E+00	1.42E+00	1.49E+00	1.52E+00	1.52E+00	2.76E-03	5.25E-02	4.64E-01	4.17E-01	4.80E-01
Puerto Rico	Orocovis Municipio	72107	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
Puerto Rico	Orocovis Municipio	72107	R	Beryllium Compounds	4.27E-07	4.27E-07	4.51E-07	4.88E-07	4.93E-07	5.49E-07	5.60E-07	5.60E-07	4.79E-08	4.43E-07	0.00E+00	1.97E-09	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	1,3-Butadiene	3.46E-02	3.46E-02	3.54E-02	4.05E-02	4.17E-02	5.02E-02	5.09E-02	5.09E-02	1.11E-05	4.06E-03	1.95E-02	1.82E-02	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Cadmium Compounds	6.13E-06	6.13E-06	7.07E-06	9.63E-06	8.95E-06	1.00E-05	1.04E-05	1.04E-05	7.90E-06	1.03E-06	0.00E+00	2.73E-08	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Carbon Disulfide	4.92E-02	4.92E-02	4.93E-02	4.94E-02	4.94E-02	4.97E-02	4.97E-02	4.97E-02	2.03E-04	2.24E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Orocovis Municipio	72107	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.88E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Orocovis Municipio	72107	R	Chloroform	8.82E-02	8.82E-02	8.84E-02	8.97E-02	8.94E-02	9.03E-02	9.06E-02	9.06E-02	3.15E-03	3.28E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Orocovis Municipio	72107	R	Chromium Compounds (includes Hexavalent)	4.05E-04	4.05E-04	4.16E-04	4.40E-04	4.46E-04	4.84E-04	4.87E-04	4.87E-04	1.46E-06	3.29E-04	5.48E-05	6.06E-05	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Chromium VI	3.10E-04	3.10E-04	3.12E-04	3.58E-04	3.49E-04	3.86E-04	3.87E-04	3.87E-04	4.08E-07	3.06E-04	2.19E-05	2.06E-05	0.00E+00
Puerto Rico	Orocovis Municipio	72107	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
Puerto Rico	Orocovis Municipio	72107	R	1,4-Dichlorobenzene	3.14E-02	3.14E-02	3.69E-02	3.79E-02	3.80E-02	4.14E-02	4.24E-02	4.24E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	1,3-Dichloropropene	5.58E-02	5.58E-02	6.57E-02	6.73E-02	6.81E-02	7.46E-02	7.65E-02	7.65E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	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	1.12E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Orocovis Municipio	72107	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	1.81E-04	1.18E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Orocovis Municipio	72107	R	Ethylene Oxide	2.08E-03	2.08E-03	2.19E-03	2.42E-03	2.42E-03	2.65E-03	2.71E-03	2.71E-03	4.28E-04	1.99E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Formaldehyde	1.08E+00	1.08E+00	1.09E+00	1.15E+00	1.15E+00	1.20E+00	1.31E+00	1.31E+00	2.04E-04	8.88E-02	3.78E-01	4.37E-01	2.50E-01
Puerto Rico	Orocovis Municipio	72107	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.28E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Orocovis Municipio	72107	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	3.00E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Orocovis Municipio	72107	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
Puerto Rico	Orocovis Municipio	72107	R	Hydrazine	8.93E-09	8.93E-09	1.04E-08	1.25E-08	1.37E-08	1.70E-08	2.35E-08	2.35E-08	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Lead Compounds	1.87E-04	1.87E-04	2.24E-04	3.47E-04	3.12E-04	3.72E-04	3.81E-04	3.81E-04	6.98E-05	9.85E-05	7.20E-05	7.18E-05	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Manganese Compounds	5.05E-04	5.05E-04	5.21E-04	5.54E-04	5.87E-04	6.37E-04	7.66E-04	7.66E-04	2.11E-06	5.01E-04	1.63E-05	6.79E-05	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Mercury Compounds	1.61E-03	1.61E-03	1.63E-03	1.65E-03	1.64E-03	1.66E-03	1.66E-03	1.66E-03	7.59E-05	6.17E-06	4.29E-05	1.88E-05	1.50E-03
Puerto Rico	Orocovis Municipio	72107	R	Methylene Chloride	4.81E-01	4.81E-01	4.82E-01	4.98E-01	4.95E-01	5.01E-01	5.21E-01	5.21E-01	1.82E-01	1.63E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Orocovis Municipio	72107	R	Nickel Compounds	1.20E-03	1.20E-03	1.34E-03	1.60E-03	1.53E-03	1.72E-03	1.81E-03	1.81E-03	9.00E-04	5.55E-04	3.99E-05	3.39E-05	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Perchloroethylene	2.21E-01	2.21E-01	2.32E-01	2.36E-01	2.40E-01	2.47E-01	2.62E-01	2.62E-01	0.00E+00	9.98E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Orocovis Municipio	72107	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	2.82E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Orocovis Municipio	72107	R	Polycyclic Organic Matter	2.72E-02	2.72E-02	3.13E-02	3.33E-02	3.22E-02	3.41E-02	3.48E-02	3.48E-02	1.33E-04	2.44E-02	7.12E-03	5.73E-04	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	7-PAH	4.26E-04	4.26E-04	4.46E-04	4.99E-04	5.01E-04	5.67E-04	6.20E-04	6.20E-04	1.83E-07	3.95E-04	2.91E-05	7.66E-05	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Propylene Dichloride	5.28E-06	5.28E-06	5.49E-06	5.84E-06	5.98E-06	6.38E-06	6.85E-06	6.85E-06	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Quinoline	1.17E-07	1.17E-07	1.17E-07	1.31E-07	1.33E-07	1.44E-07	1.57E-07	1.57E-07	0.00E+00	1.33E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	1,1,2,2-Tetrachloroethane	6.40E-07	6.40E-07	6.74E-07	7.07E-07	7.26E-07	7.72E-07	8.28E-07	8.28E-07	0.00E+00	7.26E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Orocovis Municipio	72107	R	Trichloroethylene	1.09E-01	1.09E-01	1.10E-01	1.12E-01	1.13E-01	1.15E-01	1.20E-01	1.20E-01	0.00E+00	3.21E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Orocovis Municipio	72107	R	Vinyl Chloride	6.07E-06	6.07E-06	6.14E-06	6.72E-06	6.83E-06	7.34E-06	7.91E-06	7.91E-06	0.00E+00	6.83E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Acetaldehyde	3.24E-01	3.24E-01	3.87E-01	4.65E-01	4.48E-01	5.09E-01	5.38E-01	5.38E-01	4.94E-05	2.05E-02	2.63E-01	1.64E-01	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Acrolein	2.78E-02	2.78E-02	3.41E-02	4.05E-02	3.75E-02	4.10E-02	4.13E-02	4.13E-02	3.54E-04	6.54E-03	1.46E-02	1.61E-02	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Acrylonitrile	5.64E-05	5.64E-05	5.91E-05	6.51E-05	6.40E-05	6.88E-05	6.92E-05	6.92E-05	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Arsenic Compounds	2.04E-05	2.04E-05	2.56E-05	3.11E-05	2.86E-05	3.15E-05	3.17E-05	3.17E-05	1.16E-06	3.70E-06	2.37E-05	1.13E-08	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Benzene	8.54E-01	8.54E-01	8.85E-01	9.60E-01	9.50E-01	1.02E+00	1.03E+00	1.03E+00	2.26E-02	2.28E-02	2.02E-01	2.23E-01	4.80E-01
Puerto Rico	Patillas Municipio	72109	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
Puerto Rico	Patillas Municipio	72109	R	Beryllium Compounds	3.91E-07	3.91E-07	4.16E-07	4.68E-07	4.84E-07	5.53E-07	6.10E-07	6.10E-07	3.02E-07	1.82E-07	0.00E+00	1.71E-10	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	1,3-Butadiene	2.14E-02	2.14E-02	2.30E-02	2.81E-02	2.82E-02	3.34E-02	3.51E-02	3.51E-02	1.63E-04	2.43E-03	1.27E-02	1.29E-02	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Cadmium Compounds	2.58E-06	2.58E-06	2.85E-06	3.37E-06	3.55E-06	4.25E-06	4.87E-06	4.87E-06	3.12E-06	4.23E-07	0.00E+00	2.38E-09	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Carbon Disulfide	5.45E-02	5.45E-02	5.47E-02	5.57E-02	5.62E-02	5.78E-02	5.91E-02	5.91E-02	8.34E-03	8.98E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Patillas Municipio	72109	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	1.95E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Patillas Municipio	72109	R	Chloroform	8.44E-02	8.44E-02	8.44E-02	8.45E-02	8.45E-02	8.46E-02	8.46E-02	8.46E-02	0.00E+00	1.49E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Patillas Municipio	72109	R	Chromium Compounds (includes Hexavalent)	1.59E-04	1.59E-04	1.83E-04	2.12E-04	2.02E-04	2.22E-04	2.27E-04	2.27E-04	1.06E-06	1.43E-04	2.44E-05	3.42E-05	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Chromium VI	1.28E-04	1.28E-04	1.48E-04	1.68E-04	1.60E-04	1.72E-04	1.75E-04	1.75E-04	5.64E-07	1.38E-04	9.77E-06	1.16E-05	0.00E+00
Puerto Rico	Patillas Municipio	72109	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
Puerto Rico	Patillas Municipio	72109	R	1,4-Dichlorobenzene	1.46E-02	1.46E-02	1.50E-02	1.88E-02	1.93E-02	2.35E-02	2.48E-02	2.48E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	1,3-Dichloropropene	2.71E-02	2.71E-02	2.76E-02	3.47E-02	3.58E-02	4.40E-02	4.66E-02	4.66E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	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	4.56E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Patillas Municipio	72109	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	1.24E-05	5.28E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Patillas Municipio	72109	R	Ethylene Oxide	1.04E-03	1.04E-03	1.08E-03	1.19E-03	1.28E-03	1.48E-03	1.71E-03	1.71E-03	6.70E-04	6.11E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Formaldehyde	5.47E-01	5.47E-01	5.95E-01	6.76E-01	6.61E-01	7.27E-01	7.45E-01	7.45E-01	7.89E-05	3.78E-02	1.55E-01	2.18E-01	2.50E-01
Puerto Rico	Patillas Municipio	72109	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	9.41E-10	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Patillas Municipio	72109	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	1.20E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Patillas Municipio	72109	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
Puerto Rico	Patillas Municipio	72109	R	Hydrazine	8.87E-09	8.87E-09	9.06E-09	9.46E-09	9.57E-09	1.01E-08	1.05E-08	1.05E-08	0.00E+00	9.57E-09	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Patillas Municipio	72109	R	Lead Compounds	8.86E-05	8.86E-05	1.09E-04	1.30E-04	1.24E-04	1.40E-04	1.50E-04	1.50E-04	2.25E-05	4.98E-05	2.98E-05	2.23E-05	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Manganese Compounds	4.24E-05	4.24E-05	4.61E-05	5.65E-05	5.58E-05	6.55E-05	6.78E-05	6.78E-05	7.50E-06	2.36E-06	7.66E-06	3.83E-05	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.55E-03	1.56E-03	1.56E-03	1.56E-03	1.96E-05	2.52E-06	1.99E-05	9.88E-06	1.50E-03
Puerto Rico	Patillas Municipio	72109	R	Methylene Chloride	2.99E-01	2.99E-01	3.09E-01	3.36E-01	3.37E-01	3.64E-01	3.75E-01	3.75E-01	1.09E-01	7.71E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Patillas Municipio	72109	R	Nickel Compounds	3.68E-04	3.68E-04	4.41E-04	5.18E-04	5.38E-04	6.35E-04	7.48E-04	7.48E-04	3.71E-04	1.32E-04	1.79E-05	1.70E-05	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Perchloroethylene	1.81E-01	1.81E-01	1.83E-01	1.86E-01	1.85E-01	1.88E-01	1.88E-01	1.88E-01	0.00E+00	4.52E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Patillas Municipio	72109	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	4.54E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Patillas Municipio	72109	R	Polycyclic Organic Matter	1.32E-02	1.32E-02	1.50E-02	1.81E-02	1.74E-02	1.99E-02	2.04E-02	2.04E-02	1.91E-03	1.22E-02	3.10E-03	2.00E-04	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	7-PAH	1.98E-04	1.98E-04	2.12E-04	2.28E-04	2.34E-04	2.55E-04	2.81E-04	2.81E-04	1.61E-06	1.78E-04	1.28E-05	4.19E-05	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Propylene Dichloride	2.07E-06	2.07E-06	2.21E-06	2.45E-06	2.40E-06	2.58E-06	2.62E-06	2.62E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Quinoline	4.30E-08	4.30E-08	5.00E-08	5.72E-08	5.49E-08	5.98E-08	6.23E-08	6.23E-08	0.00E+00	5.49E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	1,1,2,2-Tetrachloroethane	2.57E-07	2.57E-07	2.68E-07	2.95E-07	2.90E-07	3.12E-07	3.13E-07	3.13E-07	0.00E+00	2.90E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Patillas Municipio	72109	R	Trichloroethylene	9.35E-02	9.35E-02	9.38E-02	9.47E-02	9.46E-02	9.55E-02	9.56E-02	9.56E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Patillas Municipio	72109	R	Vinyl Chloride	2.27E-06	2.27E-06	2.53E-06	2.84E-06	2.75E-06	2.98E-06	3.07E-06	3.07E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Acetaldehyde	7.60E-01	7.60E-01	7.83E-01	1.10E+00	1.16E+00	1.39E+00	1.82E+00	1.82E+00	0.00E+00	5.70E-02	6.82E-01	4.21E-01	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Acrolein	5.75E-02	5.75E-02	7.16E-02	9.00E-02	8.84E-02	9.84E-02	1.23E-01	1.23E-01	0.00E+00	1.57E-02	3.66E-02	3.61E-02	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Acrylonitrile	9.43E-05	9.43E-05	1.20E-04	1.80E-04	1.65E-04	2.04E-04	2.14E-04	2.14E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Arsenic Compounds	5.46E-05	5.46E-05	6.10E-05	6.52E-05	8.03E-05	9.74E-05	1.38E-04	1.38E-04	0.00E+00	2.35E-06	7.76E-05	3.35E-07	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Benzene	1.07E+00	1.07E+00	1.26E+00	1.46E+00	1.59E+00	1.67E+00	2.63E+00	2.63E+00	1.89E-05	8.02E-02	5.07E-01	5.24E-01	4.80E-01
Puerto Rico	Penuelas Municipio	72111	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
Puerto Rico	Penuelas Municipio	72111	U	Beryllium Compounds	2.44E-07	2.44E-07	3.11E-07	4.49E-07	4.19E-07	5.15E-07	5.48E-07	5.48E-07	0.00E+00	4.14E-07	0.00E+00	5.89E-09	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	1,3-Butadiene	3.70E-02	3.70E-02	4.41E-02	5.56E-02	7.20E-02	7.72E-02	1.63E-01	1.63E-01	0.00E+00	6.25E-03	3.37E-02	3.21E-02	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Cadmium Compounds	6.30E-07	6.30E-07	8.15E-07	1.13E-06	1.06E-06	1.29E-06	1.37E-06	1.37E-06	0.00E+00	9.80E-07	0.00E+00	8.22E-08	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Carbon Disulfide	4.85E-02	4.85E-02	4.88E-02	4.98E-02	4.96E-02	5.02E-02	5.03E-02	5.03E-02	0.00E+00	2.56E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Penuelas Municipio	72111	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.96E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Penuelas Municipio	72111	U	Chloroform	8.48E-02	8.48E-02	8.54E-02	8.69E-02	8.72E-02	8.92E-02	9.01E-02	9.01E-02	9.65E-04	3.24E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Penuelas Municipio	72111	U	Chromium Compounds (includes Hexavalent)	3.39E-04	3.39E-04	3.52E-04	4.37E-04	4.60E-04	5.29E-04	6.65E-04	6.65E-04	0.00E+00	3.06E-04	8.21E-05	7.21E-05	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Chromium VI	2.32E-04	2.32E-04	2.73E-04	3.53E-04	3.56E-04	4.28E-04	4.97E-04	4.97E-04	0.00E+00	2.99E-04	3.28E-05	2.45E-05	0.00E+00
Puerto Rico	Penuelas Municipio	72111	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
Puerto Rico	Penuelas Municipio	72111	U	1,4-Dichlorobenzene	2.03E-02	2.03E-02	3.28E-02	4.18E-02	4.67E-02	5.29E-02	9.03E-02	9.03E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	1,3-Dichloropropene	3.71E-02	3.71E-02	6.04E-02	7.74E-02	8.69E-02	9.87E-02	1.71E-01	1.71E-01	0.00E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	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	0.00E+00	1.84E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Penuelas Municipio	72111	U	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	0.00E+00	1.51E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Penuelas Municipio	72111	U	Ethylene Oxide	6.41E-03	6.41E-03	6.85E-03	7.32E-03	7.61E-03	8.12E-03	9.65E-03	9.65E-03	5.75E-03	1.86E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Formaldehyde	7.97E-01	7.97E-01	9.83E-01	1.14E+00	1.24E+00	1.42E+00	1.95E+00	1.95E+00	1.66E-04	9.42E-02	3.73E-01	5.20E-01	2.50E-01
Puerto Rico	Penuelas Municipio	72111	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.24E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Penuelas Municipio	72111	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	3.03E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Penuelas Municipio	72111	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
Puerto Rico	Penuelas Municipio	72111	U	Hydrazine	2.29E-08	2.29E-08	2.33E-08	3.67E-08	3.72E-08	5.01E-08	5.32E-08	5.32E-08	0.00E+00	3.72E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Lead Compounds	1.60E-04	1.60E-04	1.73E-04	2.15E-04	2.48E-04	2.76E-04	4.49E-04	4.49E-04	0.00E+00	1.01E-04	1.46E-04	1.55E-06	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Manganese Compounds	5.74E-03	5.74E-03	6.32E-03	7.65E-03	1.10E-02	1.05E-02	2.82E-02	2.82E-02	0.00E+00	1.09E-02	2.62E-05	8.14E-05	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Mercury Compounds	1.57E-03	1.57E-03	1.57E-03	1.58E-03	1.59E-03	1.63E-03	1.63E-03	1.63E-03	0.00E+00	6.75E-06	6.34E-05	2.24E-05	1.50E-03
Puerto Rico	Penuelas Municipio	72111	U	Methylene Chloride	3.58E-01	3.58E-01	4.28E-01	4.61E-01	4.61E-01	5.08E-01	5.53E-01	5.53E-01	1.04E-01	2.08E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Penuelas Municipio	72111	U	Nickel Compounds	7.04E-04	7.04E-04	1.20E-03	2.00E-03	1.82E-03	2.51E-03	2.51E-03	2.51E-03	1.59E-03	1.17E-04	6.02E-05	4.83E-05	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Perchloroethylene	1.98E-01	1.98E-01	2.13E-01	2.44E-01	2.43E-01	2.68E-01	2.90E-01	2.90E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Penuelas Municipio	72111	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Penuelas Municipio	72111	U	Polycyclic Organic Matter	2.87E-02	2.87E-02	2.98E-02	3.35E-02	3.84E-02	4.04E-02	6.45E-02	6.45E-02	0.00E+00	2.76E-02	1.05E-02	2.51E-04	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	7-PAH	3.39E-04	3.39E-04	4.02E-04	5.32E-04	5.30E-04	6.41E-04	7.37E-04	7.37E-04	0.00E+00	4.00E-04	4.26E-05	8.77E-05	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Propylene Dichloride	3.90E-06	3.90E-06	4.70E-06	7.48E-06	6.82E-06	8.61E-06	8.77E-06	8.77E-06	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Quinoline	1.29E-07	1.29E-07	1.30E-07	2.31E-07	2.26E-07	2.70E-07	3.62E-07	3.62E-07	0.00E+00	2.26E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	1,1,2,2-Tetrachloroethane	4.21E-07	4.21E-07	5.42E-07	7.98E-07	7.38E-07	9.11E-07	9.56E-07	9.56E-07	0.00E+00	7.38E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Penuelas Municipio	72111	U	Trichloroethylene	1.00E-01	1.00E-01	1.05E-01	1.16E-01	1.14E-01	1.22E-01	1.25E-01	1.25E-01	0.00E+00	3.31E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Penuelas Municipio	72111	U	Vinyl Chloride	5.41E-06	5.41E-06	5.91E-06	1.01E-05	9.46E-06	1.15E-05	1.39E-05	1.39E-05	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Acetaldehyde	5.17E-01	5.41E-01	8.29E-01	1.15E+00	1.20E+00	1.50E+00	1.77E+00	2.22E+00	0.00E+00	2.92E-02	5.05E-01	6.68E-01	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Acrolein	5.18E-02	6.02E-02	7.90E-02	9.84E-02	9.67E-02	1.13E-01	1.42E-01	1.48E-01	0.00E+00	1.04E-02	3.19E-02	5.43E-02	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Acrylonitrile	5.29E-05	6.40E-05	9.52E-05	1.32E-04	1.44E-04	1.69E-04	2.27E-04	3.12E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Arsenic Compounds	3.62E-05	4.00E-05	5.90E-05	8.50E-05	8.66E-05	1.02E-04	1.21E-04	1.34E-04	0.00E+00	2.08E-06	8.18E-05	2.66E-06	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Benzene	1.09E+00	1.29E+00	1.54E+00	1.89E+00	2.07E+00	2.49E+00	3.35E+00	3.39E+00	5.24E-03	4.43E-02	6.01E-01	9.43E-01	4.80E-01
Puerto Rico	Ponce Municipio	72113	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
Puerto Rico	Ponce Municipio	72113	U	Beryllium Compounds	1.72E-07	2.39E-07	2.80E-07	3.85E-07	4.30E-07	5.57E-07	7.14E-07	8.32E-07	0.00E+00	3.78E-07	0.00E+00	5.28E-08	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	1,3-Butadiene	4.10E-02	5.21E-02	6.51E-02	1.05E-01	1.24E-01	1.64E-01	2.41E-01	2.50E-01	0.00E+00	3.47E-03	5.06E-02	6.99E-02	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Cadmium Compounds	7.04E-07	7.33E-07	9.43E-07	1.24E-06	1.61E-06	1.72E-06	2.49E-06	3.43E-06	0.00E+00	8.73E-07	0.00E+00	7.39E-07	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Carbon Disulfide	4.77E-02	4.78E-02	4.83E-02	4.87E-02	4.89E-02	4.92E-02	4.98E-02	5.13E-02	0.00E+00	1.90E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Ponce Municipio	72113	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.46E-04	0.00E+00	0.00E+00	8.80E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Ponce Municipio	72113	U	Chloroform	8.46E-02	8.47E-02	8.56E-02	8.71E-02	8.72E-02	8.88E-02	8.92E-02	8.96E-02	7.88E-04	3.38E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Ponce Municipio	72113	U	Chromium Compounds (includes Hexavalent)	2.29E-04	2.45E-04	3.55E-04	5.11E-04	5.10E-04	6.20E-04	7.37E-04	8.55E-04	0.00E+00	3.19E-04	8.65E-05	1.05E-04	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Chromium VI	1.56E-04	1.76E-04	2.49E-04	3.71E-04	3.81E-04	4.52E-04	6.06E-04	6.54E-04	0.00E+00	3.11E-04	3.46E-05	3.55E-05	0.00E+00
Puerto Rico	Ponce Municipio	72113	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
Puerto Rico	Ponce Municipio	72113	U	1,4-Dichlorobenzene	2.65E-02	3.46E-02	4.36E-02	6.80E-02	8.14E-02	1.11E-01	1.55E-01	1.73E-01	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	1,3-Dichloropropene	4.96E-02	6.53E-02	8.15E-02	1.29E-01	1.55E-01	2.11E-01	2.97E-01	3.30E-01	0.00E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	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	0.00E+00	6.83E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Ponce Municipio	72113	U	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	2.76E-06	1.29E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Ponce Municipio	72113	U	Ethylene Oxide	7.25E-03	8.45E-03	1.02E-02	1.18E-02	1.17E-02	1.32E-02	1.45E-02	1.57E-02	9.89E-03	1.77E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Formaldehyde	7.26E-01	8.33E-01	1.13E+00	1.43E+00	1.50E+00	1.87E+00	2.29E+00	2.74E+00	1.89E-04	5.40E-02	3.40E-01	8.60E-01	2.50E-01
Puerto Rico	Ponce Municipio	72113	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.44E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Ponce Municipio	72113	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	2.73E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Ponce Municipio	72113	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
Puerto Rico	Ponce Municipio	72113	U	Hydrazine	1.59E-09	1.69E-09	2.11E-09	2.61E-09	1.56E-08	5.06E-09	1.42E-08	9.18E-08	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Lead Compounds	1.05E-04	1.13E-04	1.66E-04	2.16E-04	2.13E-04	2.50E-04	2.86E-04	3.47E-04	0.00E+00	8.79E-05	1.13E-04	1.21E-05	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Manganese Compounds	1.48E-03	1.73E-03	2.18E-03	2.89E-03	3.79E-03	3.92E-03	6.77E-03	8.55E-03	0.00E+00	3.64E-03	2.78E-05	1.25E-04	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Mercury Compounds	1.55E-03	1.55E-03	1.58E-03	1.61E-03	1.61E-03	1.64E-03	1.69E-03	1.70E-03	0.00E+00	4.98E-06	6.68E-05	4.31E-05	1.50E-03
Puerto Rico	Ponce Municipio	72113	U	Methylene Chloride	4.25E-01	4.36E-01	4.83E-01	5.46E-01	5.93E-01	7.17E-01	7.87E-01	8.99E-01	1.41E-01	3.02E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Ponce Municipio	72113	U	Nickel Compounds	2.69E-03	3.22E-03	4.38E-03	4.88E-03	4.63E-03	5.16E-03	5.57E-03	5.84E-03	4.31E-03	1.01E-04	6.35E-05	1.62E-04	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Perchloroethylene	1.85E-01	1.88E-01	2.12E-01	2.35E-01	2.40E-01	2.59E-01	2.74E-01	3.41E-01	0.00E+00	1.00E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Ponce Municipio	72113	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Ponce Municipio	72113	U	Polycyclic Organic Matter	2.33E-02	2.75E-02	3.84E-02	4.95E-02	5.57E-02	6.85E-02	9.88E-02	1.03E-01	0.00E+00	4.39E-02	1.09E-02	8.61E-04	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	7-PAH	2.07E-04	2.52E-04	3.34E-04	4.20E-04	4.41E-04	5.17E-04	6.01E-04	7.66E-04	0.00E+00	2.58E-04	4.44E-05	1.39E-04	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Propylene Dichloride	1.86E-06	2.22E-06	3.39E-06	4.43E-06	5.07E-06	5.84E-06	7.43E-06	1.13E-05	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Quinoline	2.89E-08	2.98E-08	3.70E-08	4.16E-08	8.25E-08	5.66E-08	1.11E-07	2.93E-07	0.00E+00	8.25E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	1,1,2,2-Tetrachloroethane	2.42E-07	2.94E-07	4.31E-07	6.09E-07	6.60E-07	7.79E-07	1.05E-06	1.33E-06	0.00E+00	6.60E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Ponce Municipio	72113	U	Trichloroethylene	9.16E-02	9.39E-02	9.97E-02	1.07E-01	1.10E-01	1.14E-01	1.28E-01	1.44E-01	0.00E+00	2.93E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Ponce Municipio	72113	U	Vinyl Chloride	1.97E-06	2.09E-06	3.10E-06	3.75E-06	4.99E-06	5.20E-06	7.71E-06	1.06E-05	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Acetaldehyde	6.17E-01	6.17E-01	6.39E-01	6.68E-01	6.79E-01	7.18E-01	7.62E-01	7.62E-01	0.00E+00	4.60E-02	4.06E-01	2.27E-01	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Acrolein	8.27E-02	8.27E-02	8.54E-02	8.88E-02	8.90E-02	9.26E-02	9.56E-02	9.56E-02	0.00E+00	1.79E-02	3.82E-02	3.28E-02	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Acrylonitrile	1.50E-04	1.50E-04	1.50E-04	1.54E-04	1.58E-04	1.66E-04	1.75E-04	1.75E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Arsenic Compounds	5.45E-05	5.45E-05	5.93E-05	6.53E-05	6.32E-05	6.72E-05	6.80E-05	6.80E-05	0.00E+00	2.21E-06	6.10E-05	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Benzene	1.36E+00	1.36E+00	1.39E+00	1.48E+00	1.47E+00	1.55E+00	1.57E+00	1.57E+00	2.20E-04	5.90E-02	4.88E-01	4.43E-01	4.80E-01
Puerto Rico	Quebradillas Municipio	72115	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
Puerto Rico	Quebradillas Municipio	72115	R	Beryllium Compounds	3.73E-07	3.73E-07	3.77E-07	3.85E-07	3.98E-07	4.18E-07	4.47E-07	4.47E-07	0.00E+00	3.98E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	1,3-Butadiene	5.22E-02	5.22E-02	5.51E-02	5.81E-02	5.97E-02	6.43E-02	7.04E-02	7.04E-02	0.00E+00	6.38E-03	2.86E-02	2.48E-02	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Cadmium Compounds	8.82E-07	8.82E-07	9.96E-07	1.11E-06	1.20E-06	1.40E-06	1.69E-06	1.69E-06	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Carbon Disulfide	4.90E-02	4.90E-02	4.91E-02	4.92E-02	4.92E-02	4.94E-02	4.94E-02	4.94E-02	0.00E+00	2.22E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Quebradillas Municipio	72115	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.82E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Quebradillas Municipio	72115	R	Chloroform	8.61E-02	8.61E-02	9.28E-02	1.00E-01	9.74E-02	1.02E-01	1.03E-01	1.03E-01	1.13E-02	3.11E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Quebradillas Municipio	72115	R	Chromium Compounds (includes Hexavalent)	4.34E-04	4.34E-04	4.43E-04	4.54E-04	4.59E-04	4.75E-04	4.94E-04	4.94E-04	0.00E+00	3.29E-04	6.53E-05	6.53E-05	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Chromium VI	3.42E-04	3.42E-04	3.48E-04	3.58E-04	3.70E-04	3.92E-04	4.21E-04	4.21E-04	0.00E+00	3.21E-04	2.61E-05	2.22E-05	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	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
Puerto Rico	Quebradillas Municipio	72115	R	1,4-Dichlorobenzene	3.08E-02	3.08E-02	3.66E-02	4.32E-02	4.13E-02	4.60E-02	4.79E-02	4.79E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	1,3-Dichloropropene	5.64E-02	5.64E-02	6.73E-02	8.00E-02	7.63E-02	8.52E-02	8.88E-02	8.88E-02	0.00E+00	7.63E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	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	1.14E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Quebradillas Municipio	72115	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	0.00E+00	1.26E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Quebradillas Municipio	72115	R	Ethylene Oxide	2.74E-03	2.74E-03	2.77E-03	2.80E-03	2.89E-03	3.01E-03	3.21E-03	3.21E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Formaldehyde	8.94E-01	8.94E-01	8.98E-01	9.05E-01	9.19E-01	9.39E-01	9.71E-01	9.71E-01	1.88E-03	8.57E-02	2.62E-01	3.19E-01	2.50E-01
Puerto Rico	Quebradillas Municipio	72115	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.47E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Quebradillas Municipio	72115	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	2.96E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Quebradillas Municipio	72115	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
Puerto Rico	Quebradillas Municipio	72115	R	Hydrazine	9.52E-09	9.52E-09	1.12E-08	1.34E-08	2.21E-08	3.30E-08	5.21E-08	5.21E-08	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Lead Compounds	1.73E-04	1.73E-04	1.74E-04	1.81E-04	1.84E-04	1.94E-04	2.01E-04	2.01E-04	0.00E+00	9.78E-05	8.64E-05	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Manganese Compounds	2.26E-04	2.26E-04	2.35E-04	2.47E-04	2.43E-04	2.51E-04	2.52E-04	2.52E-04	0.00E+00	1.50E-04	2.04E-05	7.26E-05	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Mercury Compounds	1.57E-03	1.57E-03	1.57E-03	1.58E-03	1.58E-03	1.58E-03	1.59E-03	1.59E-03	0.00E+00	9.32E-06	4.95E-05	1.87E-05	1.50E-03
Puerto Rico	Quebradillas Municipio	72115	R	Methylene Chloride	1.64E+00	1.64E+00	1.65E+00	1.78E+00	1.82E+00	1.98E+00	2.06E+00	2.06E+00	1.47E+00	1.92E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Quebradillas Municipio	72115	R	Nickel Compounds	2.06E-04	2.06E-04	2.12E-04	2.24E-04	2.23E-04	2.33E-04	2.36E-04	2.36E-04	0.00E+00	1.44E-04	4.78E-05	3.09E-05	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Perchloroethylene	2.26E-01	2.26E-01	2.27E-01	2.30E-01	2.33E-01	2.39E-01	2.45E-01	2.45E-01	0.00E+00	9.29E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Quebradillas Municipio	72115	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Quebradillas Municipio	72115	R	Polycyclic Organic Matter	2.89E-02	2.89E-02	3.15E-02	3.45E-02	3.36E-02	3.57E-02	3.65E-02	3.65E-02	0.00E+00	2.52E-02	8.24E-03	1.48E-04	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	7-PAH	3.62E-04	3.62E-04	3.70E-04	5.19E-04	5.54E-04	7.39E-04	8.17E-04	8.17E-04	0.00E+00	4.44E-04	3.37E-05	7.71E-05	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Propylene Dichloride	5.40E-06	5.40E-06	5.48E-06	5.91E-06	5.93E-06	6.39E-06	6.52E-06	6.52E-06	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Quinoline	9.87E-08	9.87E-08	1.05E-07	1.16E-07	1.37E-07	1.70E-07	2.19E-07	2.19E-07	0.00E+00	1.37E-07	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Quebradillas Municipio	72115	R	1,1,2,2-Tetrachloroethane	6.79E-07	6.79E-07	6.83E-07	6.93E-07	7.16E-07	7.50E-07	8.00E-07	8.00E-07	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Quebradillas Municipio	72115	R	Trichloroethylene	1.10E-01	1.10E-01	1.10E-01	1.13E-01	1.14E-01	1.17E-01	1.19E-01	1.19E-01	0.00E+00	3.26E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Quebradillas Municipio	72115	R	Vinyl Chloride	5.62E-06	5.62E-06	5.93E-06	6.33E-06	6.85E-06	7.77E-06	9.12E-06	9.12E-06	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Acetaldehyde	6.43E-01	6.43E-01	6.43E-01	7.67E-01	7.53E-01	8.50E-01	8.50E-01	8.50E-01	0.00E+00	3.15E-02	4.69E-01	2.53E-01	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Acrolein	6.73E-02	6.73E-02	6.73E-02	7.69E-02	7.67E-02	8.58E-02	8.58E-02	8.58E-02	0.00E+00	1.41E-02	3.16E-02	3.10E-02	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Acrylonitrile	1.24E-04	1.24E-04	1.24E-04	1.25E-04	1.34E-04	1.53E-04	1.53E-04	1.53E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Arsenic Compounds	4.51E-05	4.51E-05	4.51E-05	4.89E-05	5.24E-05	6.33E-05	6.33E-05	6.33E-05	0.00E+00	1.94E-06	5.05E-05	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Benzene	1.23E+00	1.23E+00	1.23E+00	1.33E+00	1.43E+00	1.74E+00	1.74E+00	1.74E+00	0.00E+00	4.87E-02	4.58E-01	4.46E-01	4.80E-01
Puerto Rico	Rincon Municipio	72117	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
Puerto Rico	Rincon Municipio	72117	R	Beryllium Compounds	3.15E-07	3.15E-07	3.15E-07	3.15E-07	3.40E-07	3.91E-07	3.91E-07	3.91E-07	0.00E+00	3.40E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	1,3-Butadiene	4.19E-02	4.19E-02	4.19E-02	4.95E-02	6.21E-02	9.49E-02	9.49E-02	9.49E-02	0.00E+00	5.67E-03	3.00E-02	2.65E-02	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Cadmium Compounds	7.57E-07	7.57E-07	7.57E-07	7.71E-07	8.26E-07	9.51E-07	9.51E-07	9.51E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Carbon Disulfide	4.87E-02	4.87E-02	4.87E-02	4.88E-02	4.89E-02	4.92E-02	4.92E-02	4.92E-02	0.00E+00	1.90E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Rincon Municipio	72117	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	4.10E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Rincon Municipio	72117	R	Chloroform	8.54E-02	8.54E-02	8.54E-02	8.55E-02	8.57E-02	8.62E-02	8.62E-02	8.62E-02	0.00E+00	2.70E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Rincon Municipio	72117	R	Chromium Compounds (includes Hexavalent)	2.77E-04	2.77E-04	2.77E-04	3.34E-04	3.53E-04	4.48E-04	4.48E-04	4.48E-04	0.00E+00	2.33E-04	5.38E-05	6.56E-05	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Chromium VI	2.05E-04	2.05E-04	2.05E-04	2.32E-04	2.72E-04	3.79E-04	3.79E-04	3.79E-04	0.00E+00	2.28E-04	2.15E-05	2.23E-05	0.00E+00
Puerto Rico	Rincon Municipio	72117	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
Puerto Rico	Rincon Municipio	72117	R	1,4-Dichlorobenzene	3.18E-02	3.18E-02	3.18E-02	3.62E-02	4.03E-02	5.28E-02	5.28E-02	5.28E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	1,3-Dichloropropene	5.86E-02	5.86E-02	5.86E-02	6.69E-02	7.49E-02	9.91E-02	9.91E-02	9.91E-02	0.00E+00	7.49E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	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	9.97E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Rincon Municipio	72117	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	0.00E+00	1.09E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Rincon Municipio	72117	R	Ethylene Oxide	6.14E-03	6.14E-03	6.14E-03	7.55E-03	8.83E-03	1.28E-02	1.28E-02	1.28E-02	0.00E+00	8.83E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Formaldehyde	7.93E-01	7.93E-01	7.93E-01	8.90E-01	9.29E-01	1.11E+00	1.11E+00	1.11E+00	0.00E+00	7.06E-02	2.72E-01	3.37E-01	2.50E-01
Puerto Rico	Rincon Municipio	72117	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.08E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Rincon Municipio	72117	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	2.51E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Rincon Municipio	72117	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
Puerto Rico	Rincon Municipio	72117	R	Hydrazine	1.61E-08	1.61E-08	1.61E-08	1.92E-08	2.18E-08	3.00E-08	3.00E-08	3.00E-08	0.00E+00	2.18E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Lead Compounds	1.31E-04	1.31E-04	1.31E-04	1.42E-04	1.57E-04	1.99E-04	1.99E-04	1.99E-04	0.00E+00	8.85E-05	6.89E-05	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Manganese Compounds	2.52E-04	2.52E-04	2.52E-04	2.66E-04	2.71E-04	2.94E-04	2.94E-04	2.94E-04	0.00E+00	1.81E-04	1.69E-05	7.31E-05	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Mercury Compounds	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.57E-03	1.58E-03	1.58E-03	1.58E-03	0.00E+00	5.37E-06	4.11E-05	1.86E-05	1.50E-03
Puerto Rico	Rincon Municipio	72117	R	Methylene Chloride	3.01E-01	3.01E-01	3.01E-01	3.03E-01	3.19E-01	3.53E-01	3.53E-01	3.53E-01	1.81E-03	1.67E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Rincon Municipio	72117	R	Nickel Compounds	1.45E-04	1.45E-04	1.45E-04	1.50E-04	1.65E-04	2.01E-04	2.01E-04	2.01E-04	0.00E+00	9.43E-05	3.94E-05	3.16E-05	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Perchloroethylene	2.11E-01	2.11E-01	2.11E-01	2.15E-01	2.24E-01	2.46E-01	2.46E-01	2.46E-01	0.00E+00	8.42E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Rincon Municipio	72117	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Rincon Municipio	72117	R	Polycyclic Organic Matter	3.02E-02	3.02E-02	3.02E-02	3.03E-02	3.40E-02	4.17E-02	4.17E-02	4.17E-02	0.00E+00	2.71E-02	6.80E-03	1.51E-04	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	7-PAH	3.68E-04	3.68E-04	3.68E-04	4.64E-04	4.66E-04	5.66E-04	5.66E-04	5.66E-04	0.00E+00	3.60E-04	2.78E-05	7.78E-05	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Propylene Dichloride	4.67E-06	4.67E-06	4.67E-06	4.73E-06	5.06E-06	5.79E-06	5.79E-06	5.79E-06	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Quinoline	1.09E-07	1.09E-07	1.09E-07	1.14E-07	1.21E-07	1.39E-07	1.39E-07	1.39E-07	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	1,1,2,2-Tetrachloroethane	5.62E-07	5.62E-07	5.62E-07	5.65E-07	6.07E-07	6.94E-07	6.94E-07	6.94E-07	0.00E+00	6.07E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rincon Municipio	72117	R	Trichloroethylene	1.06E-01	1.06E-01	1.06E-01	1.06E-01	1.08E-01	1.14E-01	1.14E-01	1.14E-01	0.00E+00	2.74E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Rincon Municipio	72117	R	Vinyl Chloride	5.41E-06	5.41E-06	5.41E-06	5.58E-06	5.92E-06	6.77E-06	6.77E-06	6.77E-06	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Acetaldehyde	4.95E-01	4.95E-01	5.00E-01	6.01E-01	6.15E-01	6.85E-01	8.55E-01	8.55E-01	5.59E-06	3.78E-02	3.22E-01	2.56E-01	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Acrolein	3.90E-02	3.90E-02	4.42E-02	4.88E-02	5.30E-02	5.44E-02	9.02E-02	9.02E-02	2.06E-05	9.32E-03	1.90E-02	2.47E-02	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Acrylonitrile	5.30E-05	5.30E-05	5.92E-05	8.01E-05	7.95E-05	1.01E-04	1.04E-04	1.04E-04	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Arsenic Compounds	4.06E-05	4.06E-05	4.74E-05	5.60E-05	6.48E-05	6.20E-05	1.47E-04	1.47E-04	7.15E-08	6.03E-06	5.81E-05	5.45E-07	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Benzene	9.65E-01	9.65E-01	1.05E+00	1.13E+00	1.23E+00	1.22E+00	2.12E+00	2.12E+00	6.32E-04	3.28E-02	3.10E-01	4.11E-01	4.80E-01
Puerto Rico	Rio Grande Municipio	72119	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
Puerto Rico	Rio Grande Municipio	72119	U	Beryllium Compounds	1.78E-07	1.78E-07	1.94E-07	2.51E-07	2.56E-07	3.23E-07	3.40E-07	3.40E-07	1.49E-08	2.33E-07	0.00E+00	8.68E-09	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	1,3-Butadiene	3.51E-02	3.51E-02	3.65E-02	5.17E-02	5.83E-02	5.75E-02	1.40E-01	1.40E-01	3.17E-06	4.70E-03	2.44E-02	2.92E-02	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Cadmium Compounds	1.62E-06	1.62E-06	1.91E-06	1.99E-06	1.95E-06	2.06E-06	2.08E-06	2.08E-06	1.29E-06	5.40E-07	0.00E+00	1.21E-07	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Carbon Disulfide	4.80E-02	4.80E-02	4.81E-02	4.83E-02	4.84E-02	4.87E-02	4.87E-02	4.87E-02	2.16E-04	1.14E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Rio Grande Municipio	72119	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	0.00E+00	2.43E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Rio Grande Municipio	72119	U	Chloroform	8.47E-02	8.47E-02	8.48E-02	8.51E-02	8.51E-02	8.54E-02	8.55E-02	8.55E-02	0.00E+00	2.08E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Rio Grande Municipio	72119	U	Chromium Compounds (includes Hexavalent)	2.36E-04	2.36E-04	2.52E-04	3.03E-04	3.14E-04	3.44E-04	4.78E-04	4.78E-04	2.79E-07	1.89E-04	6.01E-05	6.45E-05	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Chromium VI	1.64E-04	1.64E-04	1.76E-04	2.50E-04	2.28E-04	2.63E-04	2.79E-04	2.79E-04	8.41E-08	1.82E-04	2.40E-05	2.19E-05	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	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
Puerto Rico	Rio Grande Municipio	72119	U	1,4-Dichlorobenzene	1.63E-02	1.63E-02	2.30E-02	2.82E-02	3.48E-02	3.23E-02	9.48E-02	9.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	1,3-Dichloropropene	3.02E-02	3.02E-02	4.30E-02	5.31E-02	6.57E-02	6.10E-02	1.81E-01	1.81E-01	0.00E+00	6.57E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	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	0.00E+00	6.41E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Rio Grande Municipio	72119	U	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	1.08E-05	7.39E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Rio Grande Municipio	72119	U	Ethylene Oxide	6.53E-04	6.53E-04	7.37E-04	1.00E-03	9.81E-04	1.24E-03	1.25E-03	1.25E-03	0.00E+00	9.81E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Formaldehyde	6.98E-01	6.98E-01	7.58E-01	8.19E-01	8.86E-01	9.07E-01	1.43E+00	1.43E+00	1.83E-05	5.99E-02	2.12E-01	3.65E-01	2.50E-01
Puerto Rico	Rio Grande Municipio	72119	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.37E-09	0.00E+00	0.00E+00	9.30E-05

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Rio Grande Municipio	72119	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	1.48E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Rio Grande Municipio	72119	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
Puerto Rico	Rio Grande Municipio	72119	U	Hydrazine	7.64E-09	7.64E-09	9.61E-09	1.48E-08	1.58E-08	2.21E-08	2.55E-08	2.55E-08	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Lead Compounds	1.33E-04	1.33E-04	1.45E-04	1.71E-04	1.68E-04	1.92E-04	1.99E-04	1.99E-04	1.13E-05	6.36E-05	6.76E-05	2.59E-05	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Manganese Compounds	4.94E-05	4.94E-05	6.37E-05	7.98E-05	9.59E-05	8.81E-05	2.54E-04	2.54E-04	5.31E-07	3.05E-06	1.95E-05	7.28E-05	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.58E-03	1.58E-03	1.69E-03	1.69E-03	1.18E-05	3.99E-06	4.85E-05	1.90E-05	1.50E-03
Puerto Rico	Rio Grande Municipio	72119	U	Methylene Chloride	2.53E-01	2.53E-01	2.62E-01	2.83E-01	2.83E-01	2.94E-01	3.32E-01	3.32E-01	1.42E-02	1.19E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Rio Grande Municipio	72119	U	Nickel Compounds	2.31E-04	2.31E-04	2.38E-04	2.64E-04	2.73E-04	2.79E-04	3.89E-04	3.89E-04	6.87E-05	1.12E-04	4.42E-05	4.79E-05	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Perchloroethylene	1.82E-01	1.82E-01	1.87E-01	2.06E-01	2.01E-01	2.10E-01	2.18E-01	2.18E-01	0.00E+00	6.07E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Rio Grande Municipio	72119	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	5.09E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Rio Grande Municipio	72119	U	Polycyclic Organic Matter	1.65E-02	1.65E-02	2.07E-02	2.48E-02	2.93E-02	2.76E-02	7.14E-02	7.14E-02	6.01E-05	2.13E-02	7.47E-03	3.92E-04	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	7-PAH	2.42E-04	2.42E-04	3.49E-04	3.87E-04	3.86E-04	4.23E-04	5.31E-04	5.31E-04	6.57E-08	2.74E-04	3.10E-05	8.16E-05	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Propylene Dichloride	2.01E-06	2.01E-06	2.26E-06	3.04E-06	3.05E-06	3.89E-06	3.99E-06	3.99E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Quinoline	4.90E-08	4.90E-08	5.66E-08	7.42E-08	7.83E-08	1.05E-07	1.06E-07	1.06E-07	0.00E+00	7.83E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	1,1,2,2-Tetrachloroethane	2.40E-07	2.40E-07	2.67E-07	3.61E-07	3.59E-07	4.54E-07	4.67E-07	4.67E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Rio Grande Municipio	72119	U	Trichloroethylene	9.27E-02	9.27E-02	9.35E-02	9.87E-02	9.83E-02	1.03E-01	1.04E-01	1.04E-01	0.00E+00	1.73E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Rio Grande Municipio	72119	U	Vinyl Chloride	2.38E-06	2.38E-06	2.71E-06	3.57E-06	3.68E-06	4.82E-06	4.89E-06	4.89E-06	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Acetaldehyde	5.64E-01	5.64E-01	7.16E-01	8.00E-01	7.89E-01	8.72E-01	9.83E-01	9.83E-01	0.00E+00	3.13E-02	4.33E-01	3.25E-01	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Acrolein	5.83E-02	5.83E-02	5.98E-02	6.96E-02	7.33E-02	8.62E-02	9.64E-02	9.64E-02	0.00E+00	1.16E-02	2.87E-02	3.30E-02	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Acrylonitrile	7.79E-05	7.79E-05	7.94E-05	1.38E-04	1.20E-04	1.42E-04	1.45E-04	1.45E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Arsenic Compounds	3.76E-05	3.76E-05	4.19E-05	4.83E-05	5.04E-05	5.58E-05	7.03E-05	7.03E-05	0.00E+00	1.71E-06	4.86E-05	9.10E-08	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Benzene	1.11E+00	1.11E+00	1.14E+00	1.31E+00	1.46E+00	1.74E+00	2.17E+00	2.17E+00	0.00E+00	4.20E-02	4.26E-01	5.15E-01	4.80E-01
Puerto Rico	Sabana Grande Municipio	72121	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
Puerto Rico	Sabana Grande Municipio	72121	U	Beryllium Compounds	1.91E-07	1.91E-07	1.95E-07	3.52E-07	3.03E-07	3.57E-07	3.71E-07	3.71E-07	0.00E+00	3.02E-07	0.00E+00	1.38E-09	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	1,3-Butadiene	3.37E-02	3.37E-02	3.45E-02	5.25E-02	6.64E-02	9.13E-02	1.34E-01	1.34E-01	0.00E+00	4.25E-03	2.89E-02	3.33E-02	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Cadmium Compounds	4.77E-07	4.77E-07	4.84E-07	8.55E-07	7.40E-07	8.74E-07	8.98E-07	8.98E-07	0.00E+00	7.21E-07	0.00E+00	1.92E-08	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Carbon Disulfide	4.81E-02	4.81E-02	4.81E-02	4.90E-02	4.87E-02	4.90E-02	4.91E-02	4.91E-02	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Sabana Grande Municipio	72121	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	0.00E+00	3.67E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Sabana Grande Municipio	72121	U	Chloroform	8.46E-02	8.46E-02	8.46E-02	8.57E-02	8.55E-02	8.60E-02	8.64E-02	8.64E-02	0.00E+00	2.53E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Sabana Grande Municipio	72121	U	Chromium Compounds (includes Hexavalent)	2.47E-04	2.47E-04	2.81E-04	3.81E-04	3.71E-04	4.43E-04	4.95E-04	4.95E-04	0.00E+00	2.44E-04	5.22E-05	7.47E-05	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Chromium VI	1.88E-04	1.88E-04	2.05E-04	3.13E-04	2.85E-04	3.30E-04	3.61E-04	3.61E-04	0.00E+00	2.39E-04	2.09E-05	2.54E-05	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	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
Puerto Rico	Sabana Grande Municipio	72121	U	1,4-Dichlorobenzene	2.57E-02	2.57E-02	2.81E-02	3.59E-02	4.58E-02	6.50E-02	8.42E-02	8.42E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	1,3-Dichloropropene	4.65E-02	4.65E-02	5.16E-02	6.65E-02	8.54E-02	1.22E-01	1.59E-01	1.59E-01	0.00E+00	8.54E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	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	0.00E+00	9.17E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Sabana Grande Municipio	72121	U	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	0.00E+00	1.05E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Sabana Grande Municipio	72121	U	Ethylene Oxide	4.50E-03	4.50E-03	6.39E-03	1.83E-02	2.31E-02	2.85E-02	6.26E-02	6.26E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Formaldehyde	7.70E-01	7.70E-01	8.46E-01	9.50E-01	1.03E+00	1.22E+00	1.43E+00	1.43E+00	0.00E+00	6.32E-02	2.74E-01	4.39E-01	2.50E-01
Puerto Rico	Sabana Grande Municipio	72121	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.82E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Sabana Grande Municipio	72121	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	2.24E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Sabana Grande Municipio	72121	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
Puerto Rico	Sabana Grande Municipio	72121	U	Hydrazine	7.40E-09	7.40E-09	8.17E-09	2.28E-08	1.86E-08	2.38E-08	2.66E-08	2.66E-08	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Lead Compounds	9.32E-05	9.32E-05	1.02E-04	1.57E-04	1.47E-04	1.69E-04	2.06E-04	2.06E-04	0.00E+00	7.74E-05	6.96E-05	4.26E-07	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Manganese Compounds	4.01E-03	4.01E-03	4.30E-03	4.44E-03	4.86E-03	5.24E-03	6.72E-03	6.72E-03	0.00E+00	4.76E-03	1.64E-05	8.35E-05	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Mercury Compounds	1.55E-03	1.55E-03	1.55E-03	1.57E-03	1.57E-03	1.58E-03	1.59E-03	1.59E-03	0.00E+00	5.06E-06	3.92E-05	2.15E-05	1.50E-03
Puerto Rico	Sabana Grande Municipio	72121	U	Methylene Chloride	2.55E-01	2.55E-01	3.04E-01	4.74E-01	1.67E+00	7.85E-01	7.70E+00	7.70E+00	1.34E+00	1.81E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Sabana Grande Municipio	72121	U	Nickel Compounds	3.43E-03	3.43E-03	3.61E-03	3.72E-03	3.73E-03	3.81E-03	4.09E-03	4.09E-03	3.57E-03	8.47E-05	3.82E-05	3.97E-05	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Perchloroethylene	1.86E-01	1.86E-01	1.87E-01	2.26E-01	2.18E-01	2.35E-01	2.47E-01	2.47E-01	0.00E+00	7.80E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Sabana Grande Municipio	72121	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Sabana Grande Municipio	72121	U	Polycyclic Organic Matter	2.16E-02	2.16E-02	2.20E-02	2.81E-02	3.27E-02	4.35E-02	5.31E-02	5.31E-02	0.00E+00	2.59E-02	6.66E-03	1.97E-04	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	7-PAH	2.75E-04	2.75E-04	2.84E-04	4.32E-04	4.06E-04	4.86E-04	5.27E-04	5.27E-04	0.00E+00	2.90E-04	2.69E-05	8.88E-05	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Propylene Dichloride	2.98E-06	2.98E-06	3.01E-06	5.24E-06	4.56E-06	5.38E-06	5.48E-06	5.48E-06	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Quinoline	7.24E-08	7.24E-08	7.35E-08	1.27E-07	1.11E-07	1.30E-07	1.33E-07	1.33E-07	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	1,1,2,2-Tetrachloroethane	3.52E-07	3.52E-07	3.59E-07	6.26E-07	5.44E-07	6.43E-07	6.55E-07	6.55E-07	0.00E+00	5.44E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Sabana Grande Municipio	72121	U	Trichloroethylene	9.59E-02	9.59E-02	9.64E-02	1.09E-01	1.05E-01	1.10E-01	1.11E-01	1.11E-01	0.00E+00	2.43E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Sabana Grande Municipio	72121	U	Vinyl Chloride	3.56E-06	3.56E-06	3.57E-06	6.18E-06	5.38E-06	6.34E-06	6.46E-06	6.46E-06	0.00E+00	5.38E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Acetaldehyde	3.22E-01	3.22E-01	3.62E-01	6.15E-01	5.98E-01	7.82E-01	9.67E-01	9.67E-01	1.93E-05	2.26E-02	2.89E-01	2.86E-01	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Acrolein	3.73E-02	3.73E-02	4.66E-02	5.12E-02	5.41E-02	6.75E-02	7.49E-02	7.49E-02	2.19E-04	8.44E-03	2.16E-02	2.39E-02	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Acrylonitrile	6.67E-05	6.67E-05	7.10E-05	8.49E-05	8.11E-05	8.80E-05	9.68E-05	9.68E-05	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Arsenic Compounds	2.57E-05	2.57E-05	4.32E-05	6.48E-05	6.38E-05	8.60E-05	9.77E-05	9.77E-05	5.00E-07	1.52E-06	6.18E-05	5.65E-09	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Benzene	9.27E-01	9.27E-01	9.65E-01	1.05E+00	1.18E+00	1.55E+00	1.72E+00	1.72E+00	4.05E-02	2.86E-02	2.69E-01	3.66E-01	4.80E-01
Puerto Rico	Salinas Municipio	72123	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
Puerto Rico	Salinas Municipio	72123	R	Beryllium Compounds	3.02E-07	3.02E-07	3.29E-07	3.57E-07	3.66E-07	4.22E-07	4.35E-07	4.35E-07	1.33E-07	2.33E-07	0.00E+00	8.54E-11	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	1,3-Butadiene	1.92E-02	1.92E-02	2.11E-02	3.18E-02	4.32E-02	7.64E-02	9.20E-02	9.20E-02	3.22E-05	2.67E-03	1.70E-02	2.35E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Salinas Municipio	72123	R	Cadmium Compounds	1.49E-06	1.49E-06	1.72E-06	1.90E-06	1.98E-06	2.10E-06	2.97E-06	2.97E-06	1.44E-06	5.34E-07	0.00E+00	1.19E-09	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Carbon Disulfide	5.10E-02	5.10E-02	5.14E-02	5.15E-02	5.18E-02	5.21E-02	5.32E-02	5.32E-02	3.67E-03	1.14E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Salinas Municipio	72123	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	2.47E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Salinas Municipio	72123	R	Chloroform	8.43E-02	8.43E-02	8.44E-02	8.49E-02	8.48E-02	8.53E-02	8.55E-02	8.55E-02	1.01E-04	1.74E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Salinas Municipio	72123	R	Chromium Compounds (includes Hexavalent)	1.68E-04	1.68E-04	2.17E-04	2.95E-04	2.78E-04	3.35E-04	3.63E-04	3.63E-04	4.79E-07	1.57E-04	6.41E-05	5.73E-05	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Chromium VI	1.29E-04	1.29E-04	1.51E-04	1.92E-04	1.96E-04	2.37E-04	2.99E-04	2.99E-04	2.51E-07	1.51E-04	2.56E-05	1.95E-05	0.00E+00
Puerto Rico	Salinas Municipio	72123	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
Puerto Rico	Salinas Municipio	72123	R	1,4-Dichlorobenzene	1.66E-02	1.66E-02	1.78E-02	2.24E-02	3.19E-02	5.68E-02	6.71E-02	6.71E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	1,3-Dichloropropene	3.01E-02	3.01E-02	3.20E-02	4.11E-02	5.95E-02	1.08E-01	1.27E-01	1.27E-01	0.00E+00	5.95E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	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	5.75E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Salinas Municipio	72123	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	1.44E-05	7.10E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Salinas Municipio	72123	R	Ethylene Oxide	5.56E-03	5.56E-03	7.29E-03	1.21E-02	9.55E-01	1.84E-01	6.44E+00	6.44E+00	9.54E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Formaldehyde	5.78E-01	5.78E-01	5.90E-01	7.43E-01	8.32E-01	1.13E+00	1.31E+00	1.31E+00	3.39E-05	4.47E-02	1.80E-01	3.58E-01	2.50E-01
Puerto Rico	Salinas Municipio	72123	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.19E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Salinas Municipio	72123	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	1.52E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Salinas Municipio	72123	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
Puerto Rico	Salinas Municipio	72123	R	Hydrazine	7.21E-09	7.21E-09	7.54E-09	1.00E-08	9.84E-09	1.24E-08	1.32E-08	1.32E-08	0.00E+00	9.84E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Lead Compounds	9.77E-05	9.77E-05	1.32E-04	1.63E-04	1.65E-04	2.01E-04	2.45E-04	2.45E-04	1.05E-05	5.74E-05	9.55E-05	1.91E-06	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Manganese Compounds	4.96E-05	4.96E-05	5.83E-05	2.93E-04	2.24E-04	3.80E-04	4.10E-04	4.10E-04	3.29E-06	1.37E-04	2.05E-05	6.39E-05	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Mercury Compounds	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.58E-03	1.60E-03	1.62E-03	1.62E-03	9.24E-06	3.44E-06	5.15E-05	1.63E-05	1.50E-03
Puerto Rico	Salinas Municipio	72123	R	Methylene Chloride	2.55E-01	2.55E-01	2.74E-01	2.95E-01	2.91E-01	3.05E-01	3.26E-01	3.26E-01	4.01E-02	1.01E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Salinas Municipio	72123	R	Nickel Compounds	4.10E-04	4.10E-04	7.17E-04	2.73E-03	3.86E-03	2.93E-03	1.54E-02	1.54E-02	3.71E-03	7.80E-05	4.71E-05	2.80E-05	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Perchloroethylene	1.83E-01	1.83E-01	1.85E-01	1.95E-01	1.95E-01	2.06E-01	2.12E-01	2.12E-01	0.00E+00	5.54E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Salinas Municipio	72123	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	2.21E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Salinas Municipio	72123	R	Polycyclic Organic Matter	1.60E-02	1.60E-02	2.02E-02	2.17E-02	2.86E-02	4.37E-02	5.14E-02	5.14E-02	7.51E-04	1.95E-02	8.29E-03	1.47E-04	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	7-PAH	2.36E-04	2.36E-04	2.78E-04	3.13E-04	3.24E-04	3.71E-04	3.93E-04	3.93E-04	7.13E-07	2.20E-04	3.35E-05	6.90E-05	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Propylene Dichloride	2.49E-06	2.49E-06	2.65E-06	3.15E-06	3.03E-06	3.31E-06	3.64E-06	3.64E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Quinoline	5.55E-08	5.55E-08	5.87E-08	6.92E-08	6.89E-08	8.25E-08	8.57E-08	8.57E-08	0.00E+00	6.89E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	1,1,2,2-Tetrachloroethane	3.02E-07	3.02E-07	3.22E-07	3.85E-07	3.68E-07	4.00E-07	4.38E-07	4.38E-07	0.00E+00	3.68E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Salinas Municipio	72123	R	Trichloroethylene	9.49E-02	9.49E-02	9.57E-02	9.88E-02	9.79E-02	9.97E-02	1.01E-01	1.01E-01	0.00E+00	1.69E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Salinas Municipio	72123	R	Vinyl Chloride	2.83E-06	2.83E-06	3.02E-06	3.55E-06	3.48E-06	3.99E-06	4.24E-06	4.24E-06	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	Acetaldehyde	6.85E-01	6.85E-01	7.06E-01	7.40E-01	7.68E-01	8.16E-01	9.73E-01	9.73E-01	0.00E+00	2.97E-02	4.76E-01	2.63E-01	0.00E+00
Puerto Rico	San German Municipio	72125	U	Acrolein	5.83E-02	5.83E-02	6.07E-02	6.26E-02	6.47E-02	6.96E-02	7.46E-02	7.46E-02	0.00E+00	1.01E-02	2.88E-02	2.58E-02	0.00E+00
Puerto Rico	San German Municipio	72125	U	Acrylonitrile	8.32E-05	8.32E-05	9.21E-05	1.04E-04	1.04E-04	1.17E-04	1.19E-04	1.19E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	Arsenic Compounds	3.95E-05	3.95E-05	4.73E-05	5.03E-05	5.49E-05	6.93E-05	7.70E-05	7.70E-05	0.00E+00	1.45E-06	5.34E-05	5.63E-08	0.00E+00
Puerto Rico	San German Municipio	72125	U	Benzene	1.07E+00	1.07E+00	1.12E+00	1.15E+00	1.22E+00	1.39E+00	1.50E+00	1.50E+00	0.00E+00	3.47E-02	3.56E-01	3.50E-01	4.80E-01
Puerto Rico	San German Municipio	72125	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
Puerto Rico	San German Municipio	72125	U	Beryllium Compounds	2.03E-07	2.03E-07	2.26E-07	2.65E-07	2.57E-07	2.89E-07	2.94E-07	2.94E-07	0.00E+00	2.56E-07	0.00E+00	8.23E-10	0.00E+00
Puerto Rico	San German Municipio	72125	U	1,3-Butadiene	2.99E-02	2.99E-02	3.27E-02	3.55E-02	4.29E-02	6.04E-02	6.78E-02	6.78E-02	0.00E+00	2.81E-03	2.06E-02	1.95E-02	0.00E+00
Puerto Rico	San German Municipio	72125	U	Cadmium Compounds	4.97E-07	4.97E-07	5.49E-07	6.56E-07	6.26E-07	6.96E-07	7.14E-07	7.14E-07	0.00E+00	6.15E-07	0.00E+00	1.14E-08	0.00E+00
Puerto Rico	San German Municipio	72125	U	Carbon Disulfide	4.82E-02	4.82E-02	4.83E-02	4.86E-02	4.85E-02	4.87E-02	4.87E-02	4.87E-02	0.00E+00	1.50E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	San German Municipio	72125	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	0.00E+00	3.16E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	San German Municipio	72125	U	Chloroform	8.49E-02	8.49E-02	8.49E-02	8.50E-02	8.51E-02	8.52E-02	8.53E-02	8.53E-02	0.00E+00	2.09E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	San German Municipio	72125	U	Chromium Compounds (includes Hexavalent)	2.47E-04	2.47E-04	2.82E-04	3.09E-04	3.10E-04	3.37E-04	3.71E-04	3.71E-04	0.00E+00	2.03E-04	5.67E-05	5.07E-05	0.00E+00
Puerto Rico	San German Municipio	72125	U	Chromium VI	1.97E-04	1.97E-04	2.08E-04	2.28E-04	2.38E-04	2.75E-04	3.04E-04	3.04E-04	0.00E+00	1.98E-04	2.27E-05	1.72E-05	0.00E+00
Puerto Rico	San German Municipio	72125	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
Puerto Rico	San German Municipio	72125	U	1,4-Dichlorobenzene	2.26E-02	2.26E-02	2.65E-02	2.98E-02	3.21E-02	4.14E-02	4.58E-02	4.58E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	1,3-Dichloropropene	4.06E-02	4.06E-02	4.82E-02	5.48E-02	5.92E-02	7.73E-02	8.54E-02	8.54E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	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	0.00E+00	8.57E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	San German Municipio	72125	U	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	0.00E+00	8.69E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	San German Municipio	72125	U	Ethylene Oxide	4.93E-03	4.93E-03	5.10E-03	6.05E-03	7.28E-03	9.15E-03	1.24E-02	1.24E-02	0.00E+00	7.28E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	Formaldehyde	7.93E-01	7.93E-01	8.26E-01	8.48E-01	8.94E-01	9.99E-01	1.11E+00	1.11E+00	0.00E+00	5.35E-02	2.58E-01	3.33E-01	2.50E-01
Puerto Rico	San German Municipio	72125	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.63E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	San German Municipio	72125	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	1.93E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	San German Municipio	72125	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
Puerto Rico	San German Municipio	72125	U	Hydrazine	6.92E-09	6.92E-09	9.33E-09	1.16E-08	1.33E-08	1.79E-08	2.27E-08	2.27E-08	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	Lead Compounds	1.07E-04	1.07E-04	1.08E-04	1.35E-04	1.30E-04	1.40E-04	1.52E-04	1.52E-04	0.00E+00	6.08E-05	6.90E-05	2.64E-07	0.00E+00
Puerto Rico	San German Municipio	72125	U	Manganese Compounds	4.17E-03	4.17E-03	4.24E-03	4.52E-03	5.53E-03	5.51E-03	1.08E-02	1.08E-02	0.00E+00	5.45E-03	1.80E-05	5.66E-05	0.00E+00
Puerto Rico	San German Municipio	72125	U	Mercury Compounds	1.55E-03	1.55E-03	1.55E-03	1.56E-03	1.56E-03	1.58E-03	1.59E-03	1.59E-03	0.00E+00	4.23E-06	4.34E-05	1.48E-05	1.50E-03
Puerto Rico	San German Municipio	72125	U	Methylene Chloride	2.94E-01	2.94E-01	2.95E-01	3.18E-01	3.69E-01	3.95E-01	6.28E-01	6.28E-01	3.80E-02	1.81E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	San German Municipio	72125	U	Nickel Compounds	2.62E-03	2.62E-03	2.62E-03	2.86E-03	2.88E-03	3.00E-03	3.31E-03	3.31E-03	2.74E-03	7.17E-05	4.16E-05	2.62E-05	0.00E+00
Puerto Rico	San German Municipio	72125	U	Perchloroethylene	1.92E-01	1.92E-01	1.92E-01	2.00E-01	2.02E-01	2.08E-01	2.18E-01	2.18E-01	0.00E+00	6.20E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	San German Municipio	72125	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	San German Municipio	72125	U	Polycyclic Organic Matter	1.97E-02	1.97E-02	2.31E-02	2.39E-02	2.59E-02	3.18E-02	3.49E-02	3.49E-02	0.00E+00	1.86E-02	7.13E-03	1.32E-04	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	San German Municipio	72125	U	7-PAH	2.41E-04	2.41E-04	2.67E-04	3.09E-04	3.28E-04	4.14E-04	4.49E-04	4.49E-04	0.00E+00	2.38E-04	2.92E-05	6.03E-05	0.00E+00
Puerto Rico	San German Municipio	72125	U	Propylene Dichloride	3.24E-06	3.24E-06	3.48E-06	4.20E-06	4.00E-06	4.47E-06	4.56E-06	4.56E-06	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	Quinoline	8.23E-08	8.23E-08	8.58E-08	9.01E-08	1.02E-07	1.24E-07	1.27E-07	1.27E-07	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	1,1,2,2-Tetrachloroethane	3.75E-07	3.75E-07	4.17E-07	4.68E-07	4.68E-07	5.25E-07	5.40E-07	5.40E-07	0.00E+00	4.68E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San German Municipio	72125	U	Trichloroethylene	9.66E-02	9.66E-02	9.93E-02	1.01E-01	1.01E-01	1.04E-01	1.06E-01	1.06E-01	0.00E+00	2.04E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	San German Municipio	72125	U	Vinyl Chloride	4.04E-06	4.04E-06	4.09E-06	4.72E-06	4.88E-06	5.59E-06	5.75E-06	5.75E-06	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Acetaldehyde	7.61E-01	8.97E-01	1.05E+00	1.26E+00	1.42E+00	1.56E+00	1.91E+00	2.49E+00	1.75E-05	4.21E-02	6.61E-01	7.20E-01	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Acrolein	1.14E-01	1.25E-01	1.39E-01	1.57E-01	1.71E-01	1.96E-01	2.34E-01	2.50E-01	5.46E-05	2.13E-02	4.48E-02	1.05E-01	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Acrylonitrile	7.66E-05	8.09E-05	1.01E-04	1.14E-04	1.69E-04	1.49E-04	1.92E-04	2.59E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Arsenic Compounds	1.10E-04	1.18E-04	1.51E-04	2.26E-04	4.79E-04	4.32E-04	1.07E-03	2.21E-03	3.54E-07	2.92E-04	1.75E-04	1.19E-05	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Benzene	1.57E+00	1.88E+00	2.33E+00	2.75E+00	2.82E+00	3.25E+00	3.86E+00	4.28E+00	2.36E-03	7.19E-02	1.00E+00	1.26E+00	4.80E-01
Puerto Rico	San Juan Municipio	72127	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
Puerto Rico	San Juan Municipio	72127	U	Beryllium Compounds	4.02E-07	4.29E-07	5.79E-07	9.88E-07	1.51E-06	1.93E-06	3.04E-06	4.20E-06	6.50E-08	1.20E-06	0.00E+00	2.40E-07	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	1,3-Butadiene	9.37E-02	1.09E-01	1.45E-01	1.88E-01	2.03E-01	2.49E-01	3.17E-01	3.61E-01	2.80E-05	8.80E-03	9.56E-02	9.89E-02	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Cadmium Compounds	6.28E-06	6.93E-06	1.13E-05	2.27E-05	3.49E-05	3.91E-05	6.27E-05	1.26E-04	2.89E-05	2.69E-06	0.00E+00	3.36E-06	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Carbon Disulfide	4.84E-02	4.87E-02	4.90E-02	4.95E-02	5.03E-02	5.04E-02	5.16E-02	5.36E-02	3.78E-04	2.90E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	San Juan Municipio	72127	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	5.15E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	San Juan Municipio	72127	U	Chloroform	8.99E-02	9.11E-02	9.38E-02	9.79E-02	9.94E-02	1.03E-01	1.09E-01	1.13E-01	5.26E-04	1.59E-02	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	San Juan Municipio	72127	U	Chromium Compounds (includes Hexavalent)	5.10E-04	5.61E-04	7.51E-04	1.13E-03	1.55E-03	1.71E-03	3.61E-03	4.70E-03	1.77E-06	1.19E-03	1.82E-04	1.79E-04	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Chromium VI	3.41E-04	3.65E-04	4.76E-04	7.33E-04	1.11E-03	1.21E-03	2.05E-03	4.43E-03	5.31E-07	9.74E-04	7.26E-05	6.09E-05	0.00E+00
Puerto Rico	San Juan Municipio	72127	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
Puerto Rico	San Juan Municipio	72127	U	1,4-Dichlorobenzene	4.76E-02	5.69E-02	7.71E-02	1.02E-01	1.04E-01	1.26E-01	1.58E-01	1.71E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	1,3-Dichloropropene	8.88E-02	1.08E-01	1.46E-01	1.94E-01	1.98E-01	2.40E-01	3.02E-01	3.26E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	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	0.00E+00	2.69E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	San Juan Municipio	72127	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	2.40E-05	1.69E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	San Juan Municipio	72127	U	Ethylene Oxide	1.02E-03	1.28E-03	1.57E-03	2.41E-03	4.64E-03	4.75E-03	1.36E-02	1.67E-02	3.66E-05	4.61E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Formaldehyde	1.27E+00	1.36E+00	1.55E+00	1.77E+00	2.04E+00	2.18E+00	2.71E+00	3.00E+00	9.71E-05	1.04E-01	5.19E-01	1.17E+00	2.50E-01
Puerto Rico	San Juan Municipio	72127	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.65E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	San Juan Municipio	72127	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	3.03E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	San Juan Municipio	72127	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
Puerto Rico	San Juan Municipio	72127	U	Hydrazine	8.53E-09	9.67E-09	1.31E-08	3.38E-08	9.68E-08	1.68E-07	2.87E-07	3.64E-07	0.00E+00	9.68E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Lead Compounds	5.25E-04	6.61E-04	1.31E-03	2.40E-03	2.98E-03	4.09E-03	6.18E-03	7.11E-03	2.64E-04	3.67E-04	2.76E-04	2.07E-03	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Manganese Compounds	1.30E-04	1.59E-04	2.10E-04	2.62E-04	2.96E-04	3.49E-04	4.35E-04	5.34E-04	2.65E-06	1.45E-05	5.97E-05	2.19E-04	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Mercury Compounds	1.65E-03	1.69E-03	1.79E-03	1.93E-03	2.00E-03	2.08E-03	2.37E-03	2.65E-03	2.70E-04	1.62E-05	1.45E-04	7.35E-05	1.50E-03
Puerto Rico	San Juan Municipio	72127	U	Methylene Chloride	3.59E-01	3.77E-01	4.62E-01	5.64E-01	6.59E-01	7.30E-01	1.02E+00	1.31E+00	2.68E-02	4.82E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	San Juan Municipio	72127	U	Nickel Compounds	6.44E-04	6.96E-04	8.39E-04	9.89E-04	1.76E-03	1.24E-03	1.92E-03	2.59E-03	3.86E-04	4.72E-04	1.34E-04	7.64E-04	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Perchloroethylene	2.37E-01	2.61E-01	3.37E-01	4.90E-01	8.97E-01	9.75E-01	1.94E+00	3.18E+00	0.00E+00	7.57E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	San Juan Municipio	72127	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	San Juan Municipio	72127	U	Polycyclic Organic Matter	5.70E-02	6.30E-02	7.60E-02	8.99E-02	9.93E-02	1.16E-01	1.46E-01	1.74E-01	1.99E-04	6.23E-02	2.30E-02	1.39E-02	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	7-PAH	5.15E-04	5.44E-04	6.10E-04	7.62E-04	9.96E-04	9.07E-04	1.13E-03	1.86E-03	2.50E-07	5.88E-04	9.36E-05	3.14E-04	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Propylene Dichloride	2.96E-06	3.58E-06	4.19E-06	5.49E-06	7.76E-06	8.01E-06	1.17E-05	1.56E-05	0.00E+00	7.76E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Quinoline	6.32E-08	7.52E-08	1.17E-07	1.93E-07	3.34E-07	4.88E-07	7.75E-07	1.02E-06	0.00E+00	3.34E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	1,1,2,2-Tetrachloroethane	2.85E-07	3.24E-07	4.51E-07	5.06E-07	7.41E-07	6.33E-07	7.93E-07	1.08E-06	0.00E+00	7.41E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Juan Municipio	72127	U	Trichloroethylene	1.02E-01	1.04E-01	1.10E-01	1.31E-01	1.69E-01	1.92E-01	2.78E-01	3.93E-01	0.00E+00	8.85E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	San Juan Municipio	72127	U	Vinyl Chloride	3.28E-06	4.05E-06	5.32E-06	8.19E-06	1.25E-05	1.68E-05	2.59E-05	3.39E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Acetaldehyde	4.49E-01	4.49E-01	6.20E-01	8.24E-01	8.11E-01	1.02E+00	1.12E+00	1.12E+00	9.49E-06	3.49E-02	4.79E-01	2.97E-01	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Acrolein	4.88E-02	4.88E-02	5.88E-02	6.58E-02	6.80E-02	7.98E-02	8.58E-02	8.58E-02	5.12E-05	1.12E-02	2.72E-02	2.95E-02	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Acrylonitrile	7.60E-05	7.60E-05	9.05E-05	1.10E-04	1.07E-04	1.22E-04	1.34E-04	1.34E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Arsenic Compounds	3.63E-05	3.63E-05	4.50E-05	5.73E-05	6.02E-05	7.78E-05	8.53E-05	8.53E-05	1.72E-07	5.29E-06	5.46E-05	1.20E-07	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Benzene	9.46E-01	9.46E-01	1.12E+00	1.25E+00	1.36E+00	1.64E+00	1.90E+00	1.90E+00	3.89E-03	3.88E-02	4.15E-01	4.20E-01	4.80E-01
Puerto Rico	San Lorenzo Municipio	72129	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
Puerto Rico	San Lorenzo Municipio	72129	U	Beryllium Compounds	3.23E-07	3.23E-07	3.54E-07	4.18E-07	4.30E-07	5.22E-07	5.27E-07	5.27E-07	4.02E-08	3.88E-07	0.00E+00	1.83E-09	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	1,3-Butadiene	2.54E-02	2.54E-02	3.96E-02	4.59E-02	5.94E-02	8.46E-02	1.10E-01	1.10E-01	1.57E-05	3.86E-03	2.96E-02	2.60E-02	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Cadmium Compounds	2.40E-06	2.40E-06	3.24E-06	3.63E-06	3.52E-06	3.94E-06	4.14E-06	4.14E-06	2.69E-06	7.98E-07	0.00E+00	2.54E-08	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Carbon Disulfide	4.90E-02	4.90E-02	4.92E-02	4.94E-02	4.94E-02	4.96E-02	4.97E-02	4.97E-02	8.80E-04	1.53E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	San Lorenzo Municipio	72129	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	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	San Lorenzo Municipio	72129	U	Chloroform	8.49E-02	8.49E-02	8.52E-02	8.56E-02	8.56E-02	8.61E-02	8.64E-02	8.64E-02	0.00E+00	2.64E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	San Lorenzo Municipio	72129	U	Chromium Compounds (includes Hexavalent)	2.28E-04	2.28E-04	2.64E-04	3.50E-04	4.00E-04	5.56E-04	6.29E-04	6.29E-04	4.14E-07	2.77E-04	5.73E-05	6.54E-05	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Chromium VI	1.81E-04	1.81E-04	1.99E-04	2.63E-04	3.12E-04	4.49E-04	4.94E-04	4.94E-04	1.42E-07	2.67E-04	2.29E-05	2.22E-05	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	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
Puerto Rico	San Lorenzo Municipio	72129	U	1,4-Dichlorobenzene	1.86E-02	1.86E-02	2.59E-02	3.21E-02	3.67E-02	4.97E-02	5.95E-02	5.95E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	1,3-Dichloropropene	3.41E-02	3.41E-02	4.81E-02	5.97E-02	6.87E-02	9.37E-02	1.13E-01	1.13E-01	0.00E+00	6.87E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	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	0.00E+00	8.37E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	San Lorenzo Municipio	72129	U	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	2.01E-05	9.25E-06	0.00E+00	0.00E+00	6.10E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	San Lorenzo Municipio	72129	U	Ethylene Oxide	1.40E-03	1.40E-03	1.67E-03	1.87E-03	1.88E-03	2.13E-03	2.26E-03	2.26E-03	5.93E-04	1.28E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Formaldehyde	6.89E-01	6.89E-01	8.38E-01	9.84E-01	1.02E+00	1.26E+00	1.32E+00	1.32E+00	2.87E-05	6.43E-02	3.03E-01	4.05E-01	2.50E-01
Puerto Rico	San Lorenzo Municipio	72129	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.68E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	San Lorenzo Municipio	72129	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	1.99E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	San Lorenzo Municipio	72129	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
Puerto Rico	San Lorenzo Municipio	72129	U	Hydrazine	8.43E-09	8.43E-09	1.03E-08	1.68E-08	2.12E-08	3.44E-08	3.78E-08	3.78E-08	0.00E+00	2.12E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Lead Compounds	1.69E-04	1.69E-04	1.98E-04	2.41E-04	2.36E-04	2.69E-04	2.99E-04	2.99E-04	2.36E-05	8.35E-05	7.82E-05	5.03E-05	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Manganese Compounds	5.06E-05	5.06E-05	6.87E-05	8.48E-05	9.68E-05	1.31E-04	1.55E-04	1.55E-04	1.19E-06	4.23E-06	1.82E-05	7.32E-05	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Mercury Compounds	1.56E-03	1.56E-03	1.57E-03	1.59E-03	1.59E-03	1.61E-03	1.63E-03	1.63E-03	2.44E-05	4.96E-06	4.51E-05	1.89E-05	1.50E-03
Puerto Rico	San Lorenzo Municipio	72129	U	Methylene Chloride	3.47E-01	3.47E-01	3.82E-01	4.06E-01	4.04E-01	4.31E-01	4.48E-01	4.48E-01	1.12E-01	1.42E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	San Lorenzo Municipio	72129	U	Nickel Compounds	7.23E-04	7.23E-04	7.88E-04	8.63E-04	8.52E-04	9.23E-04	9.41E-04	9.41E-04	5.89E-04	1.85E-04	4.20E-05	3.59E-05	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Perchloroethylene	1.94E-01	1.94E-01	2.03E-01	2.18E-01	2.18E-01	2.30E-01	2.44E-01	2.44E-01	0.00E+00	7.77E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	San Lorenzo Municipio	72129	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	6.40E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	San Lorenzo Municipio	72129	U	Polycyclic Organic Matter	1.79E-02	1.79E-02	2.31E-02	2.75E-02	3.08E-02	4.02E-02	4.64E-02	4.64E-02	1.97E-04	2.29E-02	7.22E-03	4.35E-04	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	7-PAH	3.33E-04	3.33E-04	3.48E-04	4.04E-04	4.08E-04	4.48E-04	5.30E-04	5.30E-04	1.87E-07	2.98E-04	2.97E-05	8.00E-05	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Propylene Dichloride	2.84E-06	2.84E-06	3.34E-06	4.13E-06	4.07E-06	4.78E-06	5.25E-06	5.25E-06	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Quinoline	6.39E-08	6.39E-08	7.06E-08	9.02E-08	1.02E-07	1.41E-07	1.49E-07	1.49E-07	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	1,1,2,2-Tetrachloroethane	3.45E-07	3.45E-07	4.11E-07	4.98E-07	4.83E-07	5.49E-07	6.02E-07	6.02E-07	0.00E+00	4.83E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Lorenzo Municipio	72129	U	Trichloroethylene	9.73E-02	9.73E-02	1.00E-01	1.05E-01	1.04E-01	1.07E-01	1.10E-01	1.10E-01	0.00E+00	2.30E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	San Lorenzo Municipio	72129	U	Vinyl Chloride	3.23E-06	3.23E-06	3.69E-06	4.61E-06	4.86E-06	6.19E-06	6.66E-06	6.66E-06	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Acetaldehyde	5.53E-01	5.53E-01	6.21E-01	7.20E-01	6.91E-01	7.54E-01	8.38E-01	8.38E-01	0.00E+00	3.39E-02	4.01E-01	2.55E-01	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Acrolein	6.37E-02	6.37E-02	6.78E-02	7.12E-02	7.36E-02	7.89E-02	8.89E-02	8.89E-02	0.00E+00	1.35E-02	3.13E-02	2.88E-02	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Acrylonitrile	8.51E-05	8.51E-05	8.93E-05	1.01E-04	1.13E-04	1.08E-04	2.25E-04	2.25E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Arsenic Compounds	3.62E-05	3.62E-05	4.11E-05	4.29E-05	4.84E-05	5.73E-05	6.89E-05	6.89E-05	0.00E+00	1.53E-06	4.69E-05	1.17E-08	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Benzene	1.09E+00	1.09E+00	1.16E+00	1.25E+00	1.33E+00	1.48E+00	1.70E+00	1.70E+00	0.00E+00	4.25E-02	4.02E-01	4.09E-01	4.80E-01
Puerto Rico	San Sebastian Municipio	72131	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
Puerto Rico	San Sebastian Municipio	72131	R	Beryllium Compounds	1.96E-07	1.96E-07	2.13E-07	2.37E-07	2.75E-07	2.81E-07	5.61E-07	5.61E-07	0.00E+00	2.75E-07	0.00E+00	1.62E-10	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	1,3-Butadiene	2.96E-02	2.96E-02	3.77E-02	4.32E-02	5.16E-02	6.33E-02	8.79E-02	8.79E-02	0.00E+00	3.73E-03	2.35E-02	2.44E-02	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Cadmium Compounds	5.02E-07	5.02E-07	5.36E-07	6.13E-07	6.87E-07	6.99E-07	1.36E-06	1.36E-06	0.00E+00	6.84E-07	0.00E+00	2.24E-09	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Carbon Disulfide	4.82E-02	4.82E-02	4.83E-02	4.84E-02	4.86E-02	4.85E-02	5.02E-02	5.02E-02	0.00E+00	1.61E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	San Sebastian Municipio	72131	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	0.00E+00	3.47E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	San Sebastian Municipio	72131	R	Chloroform	8.47E-02	8.47E-02	8.50E-02	8.51E-02	8.53E-02	8.54E-02	8.71E-02	8.71E-02	0.00E+00	2.32E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	San Sebastian Municipio	72131	R	Chromium Compounds (includes Hexavalent)	2.15E-04	2.15E-04	2.41E-04	3.14E-04	3.39E-04	3.43E-04	6.93E-04	6.93E-04	0.00E+00	2.29E-04	5.02E-05	6.01E-05	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Chromium VI	1.63E-04	1.63E-04	1.89E-04	2.14E-04	2.64E-04	2.48E-04	6.25E-04	6.25E-04	0.00E+00	2.24E-04	2.01E-05	2.04E-05	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	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
Puerto Rico	San Sebastian Municipio	72131	R	1,4-Dichlorobenzene	2.52E-02	2.52E-02	2.75E-02	3.16E-02	3.76E-02	4.85E-02	6.03E-02	6.03E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	1,3-Dichloropropene	4.61E-02	4.61E-02	5.01E-02	5.80E-02	6.97E-02	9.07E-02	1.14E-01	1.14E-01	0.00E+00	6.97E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	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	8.66E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	San Sebastian Municipio	72131	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	0.00E+00	9.53E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	San Sebastian Municipio	72131	R	Ethylene Oxide	2.58E-03	2.58E-03	2.70E-03	2.84E-03	2.95E-03	3.14E-03	3.69E-03	3.69E-03	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Formaldehyde	6.93E-01	6.93E-01	7.45E-01	8.16E-01	8.65E-01	1.02E+00	1.07E+00	1.07E+00	6.51E-04	6.24E-02	2.28E-01	3.24E-01	2.50E-01
Puerto Rico	San Sebastian Municipio	72131	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.84E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	San Sebastian Municipio	72131	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	2.12E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	San Sebastian Municipio	72131	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
Puerto Rico	San Sebastian Municipio	72131	R	Hydrazine	3.35E-09	3.35E-09	4.37E-09	4.90E-09	1.24E-08	9.79E-09	5.20E-08	5.20E-08	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Lead Compounds	9.89E-05	9.89E-05	1.06E-04	1.12E-04	1.26E-04	1.20E-04	2.43E-04	2.43E-04	0.00E+00	6.52E-05	6.12E-05	5.50E-08	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Manganese Compounds	2.47E-04	2.47E-04	3.01E-04	3.33E-04	6.34E-04	1.24E-03	1.39E-03	1.39E-03	0.00E+00	5.52E-04	1.57E-05	6.69E-05	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.59E-03	1.59E-03	0.00E+00	4.97E-06	3.80E-05	1.72E-05	1.50E-03
Puerto Rico	San Sebastian Municipio	72131	R	Methylene Chloride	5.47E-01	5.47E-01	6.51E-01	8.46E-01	8.27E-01	9.78E-01	1.07E+00	1.07E+00	5.06E-01	1.71E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	San Sebastian Municipio	72131	R	Nickel Compounds	9.12E-04	9.12E-04	9.91E-04	1.03E-03	1.04E-03	1.06E-03	1.18E-03	1.18E-03	8.95E-04	8.11E-05	3.67E-05	2.91E-05	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Perchloroethylene	1.87E-01	1.87E-01	1.96E-01	1.96E-01	2.07E-01	2.05E-01	2.84E-01	2.84E-01	0.00E+00	6.74E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	San Sebastian Municipio	72131	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	San Sebastian Municipio	72131	R	Polycyclic Organic Matter	2.10E-02	2.10E-02	2.28E-02	2.54E-02	2.87E-02	3.47E-02	4.26E-02	4.26E-02	0.00E+00	2.22E-02	6.35E-03	1.41E-04	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	7-PAH	3.42E-04	3.42E-04	3.77E-04	4.07E-04	4.15E-04	4.51E-04	4.98E-04	4.98E-04	0.00E+00	3.18E-04	2.59E-05	7.11E-05	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Propylene Dichloride	3.27E-06	3.27E-06	3.38E-06	3.74E-06	4.30E-06	4.03E-06	8.58E-06	8.58E-06	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Quinoline	7.17E-08	7.17E-08	7.91E-08	8.16E-08	1.03E-07	1.13E-07	2.15E-07	2.15E-07	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	1,1,2,2-Tetrachloroethane	3.84E-07	3.84E-07	4.04E-07	4.51E-07	5.12E-07	4.89E-07	1.02E-06	1.02E-06	0.00E+00	5.12E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	San Sebastian Municipio	72131	R	Trichloroethylene	9.67E-02	9.67E-02	9.74E-02	9.99E-02	1.03E-01	1.02E-01	1.29E-01	1.29E-01	0.00E+00	2.20E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	San Sebastian Municipio	72131	R	Vinyl Chloride	3.98E-06	3.98E-06	4.01E-06	4.27E-06	5.08E-06	5.32E-06	1.02E-05	1.02E-05	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Acetaldehyde	3.78E-01	3.78E-01	4.29E-01	5.16E-01	4.98E-01	5.42E-01	6.26E-01	6.26E-01	0.00E+00	2.54E-02	2.77E-01	1.96E-01	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Acrolein	3.94E-02	3.94E-02	4.31E-02	4.35E-02	4.61E-02	4.99E-02	5.46E-02	5.46E-02	0.00E+00	8.71E-03	1.85E-02	1.89E-02	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Acrylonitrile	7.17E-05	7.17E-05	7.35E-05	7.91E-05	7.86E-05	8.01E-05	8.85E-05	8.85E-05	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Arsenic Compounds	3.59E-05	3.59E-05	3.69E-05	4.40E-05	5.11E-05	5.01E-05	8.87E-05	8.87E-05	0.00E+00	1.21E-06	4.99E-05	3.79E-09	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Benzene	9.16E-01	9.16E-01	9.22E-01	1.01E+00	1.06E+00	1.02E+00	1.44E+00	1.44E+00	2.70E-02	2.94E-02	2.38E-01	2.87E-01	4.80E-01

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Santa Isabel Municipio	72133	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
Puerto Rico	Santa Isabel Municipio	72133	R	Beryllium Compounds	1.98E-07	1.98E-07	2.00E-07	2.12E-07	2.17E-07	2.23E-07	2.49E-07	2.49E-07	0.00E+00	2.16E-07	0.00E+00	6.05E-11	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	1,3-Butadiene	2.12E-02	2.12E-02	2.36E-02	3.07E-02	3.59E-02	3.09E-02	7.29E-02	7.29E-02	0.00E+00	3.15E-03	1.51E-02	1.77E-02	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Cadmium Compounds	1.72E-06	1.72E-06	1.77E-06	1.79E-06	1.94E-06	2.13E-06	2.27E-06	2.27E-06	1.42E-06	5.11E-07	0.00E+00	8.41E-10	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Carbon Disulfide	4.80E-02	4.80E-02	4.80E-02	4.81E-02	4.81E-02	4.81E-02	4.82E-02	4.82E-02	0.00E+00	1.10E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Santa Isabel Municipio	72133	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	2.39E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Santa Isabel Municipio	72133	R	Chloroform	8.44E-02	8.44E-02	8.45E-02	8.47E-02	8.50E-02	8.49E-02	8.65E-02	8.65E-02	3.94E-04	1.60E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Santa Isabel Municipio	72133	R	Chromium Compounds (includes Hexavalent)	2.06E-04	2.06E-04	2.25E-04	2.36E-04	2.51E-04	2.88E-04	3.02E-04	3.02E-04	0.00E+00	1.54E-04	5.24E-05	4.47E-05	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Chromium VI	1.59E-04	1.59E-04	1.70E-04	1.80E-04	1.85E-04	2.04E-04	2.11E-04	2.11E-04	0.00E+00	1.49E-04	2.10E-05	1.52E-05	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	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
Puerto Rico	Santa Isabel Municipio	72133	R	1,4-Dichlorobenzene	1.54E-02	1.54E-02	1.77E-02	1.87E-02	2.50E-02	2.49E-02	4.85E-02	4.85E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	1,3-Dichloropropene	2.78E-02	2.78E-02	3.25E-02	3.41E-02	4.65E-02	4.64E-02	9.18E-02	9.18E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	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	5.66E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Santa Isabel Municipio	72133	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	2.63E-05	6.61E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Santa Isabel Municipio	72133	R	Ethylene Oxide	1.63E-02	1.63E-02	2.85E-02	5.35E-02	4.85E-02	5.65E-02	8.77E-02	8.77E-02	4.76E-02	9.43E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Formaldehyde	5.85E-01	5.85E-01	6.31E-01	6.59E-01	7.03E-01	6.86E-01	9.53E-01	9.53E-01	0.00E+00	4.68E-02	1.57E-01	2.49E-01	2.50E-01
Puerto Rico	Santa Isabel Municipio	72133	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.20E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Santa Isabel Municipio	72133	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	1.47E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Santa Isabel Municipio	72133	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
Puerto Rico	Santa Isabel Municipio	72133	R	Hydrazine	9.54E-09	9.54E-09	9.79E-09	1.03E-08	1.17E-08	1.38E-08	1.50E-08	1.50E-08	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Lead Compounds	1.17E-04	1.17E-04	1.18E-04	1.29E-04	1.39E-04	1.64E-04	1.68E-04	1.68E-04	1.31E-05	5.91E-05	6.70E-05	1.77E-08	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Manganese Compounds	3.71E-04	3.71E-04	3.72E-04	4.29E-04	4.21E-04	4.67E-04	4.67E-04	4.67E-04	0.00E+00	3.55E-04	1.65E-05	4.99E-05	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	1.58E-03	1.60E-03	1.60E-03	1.44E-05	3.59E-06	4.12E-05	1.28E-05	1.50E-03
Puerto Rico	Santa Isabel Municipio	72133	R	Methylene Chloride	2.38E-01	2.38E-01	2.46E-01	2.69E-01	2.66E-01	2.69E-01	3.10E-01	3.10E-01	2.08E-02	9.54E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Santa Isabel Municipio	72133	R	Nickel Compounds	2.21E-03	2.21E-03	4.76E-03	8.86E-03	7.15E-03	9.56E-03	1.04E-02	1.04E-02	7.03E-03	5.84E-05	3.84E-05	2.17E-05	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Perchloroethylene	1.86E-01	1.86E-01	1.87E-01	1.87E-01	1.93E-01	1.98E-01	2.04E-01	2.04E-01	0.00E+00	5.26E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Santa Isabel Municipio	72133	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Santa Isabel Municipio	72133	R	Polycyclic Organic Matter	1.67E-02	1.67E-02	1.72E-02	2.04E-02	2.26E-02	2.41E-02	3.47E-02	3.47E-02	0.00E+00	1.58E-02	6.69E-03	1.07E-04	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	7-PAH	2.74E-04	2.74E-04	2.84E-04	2.97E-04	3.16E-04	3.59E-04	3.65E-04	3.65E-04	0.00E+00	2.35E-04	2.73E-05	5.39E-05	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Propylene Dichloride	2.70E-06	2.70E-06	2.77E-06	2.97E-06	2.95E-06	3.01E-06	3.30E-06	3.30E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Quinoline	6.24E-08	6.24E-08	6.48E-08	6.80E-08	6.80E-08	7.09E-08	7.39E-08	7.39E-08	0.00E+00	6.80E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	1,1,2,2-Tetrachloroethane	3.25E-07	3.25E-07	3.33E-07	3.58E-07	3.56E-07	3.63E-07	4.01E-07	4.01E-07	0.00E+00	3.56E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Santa Isabel Municipio	72133	R	Trichloroethylene	9.58E-02	9.58E-02	9.62E-02	9.71E-02	9.75E-02	9.86E-02	1.00E-01	1.00E-01	0.00E+00	1.65E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Santa Isabel Municipio	72133	R	Vinyl Chloride	3.12E-06	3.12E-06	3.22E-06	3.42E-06	3.40E-06	3.50E-06	3.75E-06	3.75E-06	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Acetaldehyde	1.43E+00	1.43E+00	1.56E+00	1.66E+00	1.72E+00	1.91E+00	2.10E+00	2.10E+00	1.88E-04	7.35E-02	9.80E-01	6.71E-01	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Acrolein	1.40E-01	1.40E-01	1.48E-01	1.55E-01	1.54E-01	1.60E-01	1.63E-01	1.63E-01	3.14E-04	2.14E-02	5.91E-02	7.27E-02	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Acrylonitrile	1.35E-04	1.35E-04	1.42E-04	1.48E-04	1.63E-04	1.53E-04	2.94E-04	2.94E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Arsenic Compounds	1.45E-04	1.45E-04	1.71E-04	2.01E-04	1.93E-04	2.22E-04	2.34E-04	2.34E-04	2.11E-06	8.52E-05	1.05E-04	3.48E-07	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Benzene	1.99E+00	1.99E+00	2.06E+00	2.25E+00	2.25E+00	2.48E+00	2.57E+00	2.57E+00	1.23E-02	6.74E-02	7.89E-01	9.04E-01	4.80E-01
Puerto Rico	Toa Alta Municipio	72135	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
Puerto Rico	Toa Alta Municipio	72135	U	Beryllium Compounds	6.76E-07	6.76E-07	8.16E-07	8.95E-07	9.52E-07	1.17E-06	1.18E-06	1.18E-06	3.76E-07	5.70E-07	0.00E+00	6.17E-09	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	1,3-Butadiene	8.34E-02	8.34E-02	8.99E-02	1.08E-01	1.09E-01	1.27E-01	1.44E-01	1.44E-01	1.68E-04	8.15E-03	4.93E-02	5.15E-02	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Cadmium Compounds	1.03E-05	1.03E-05	1.14E-05	1.27E-05	1.33E-05	1.60E-05	1.64E-05	1.64E-05	1.20E-05	1.19E-06	0.00E+00	8.61E-08	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Carbon Disulfide	4.99E-02	4.99E-02	5.04E-02	5.11E-02	5.10E-02	5.16E-02	5.22E-02	5.22E-02	1.51E-03	2.47E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Toa Alta Municipio	72135	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	5.01E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Toa Alta Municipio	72135	U	Chloroform	8.91E-02	8.91E-02	9.00E-02	9.04E-02	9.03E-02	9.07E-02	9.15E-02	9.15E-02	0.00E+00	7.33E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Toa Alta Municipio	72135	U	Chromium Compounds (includes Hexavalent)	6.30E-04	6.30E-04	7.11E-04	7.54E-04	7.57E-04	7.73E-04	8.94E-04	8.94E-04	1.11E-05	5.12E-04	1.10E-04	1.23E-04	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Chromium VI	4.50E-04	4.50E-04	4.63E-04	5.07E-04	5.26E-04	5.34E-04	6.99E-04	6.99E-04	3.22E-06	4.37E-04	4.40E-05	4.20E-05	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	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
Puerto Rico	Toa Alta Municipio	72135	U	1,4-Dichlorobenzene	5.90E-02	5.90E-02	6.36E-02	8.27E-02	7.90E-02	9.12E-02	1.01E-01	1.01E-01	0.00E+00	7.90E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	1,3-Dichloropropene	1.08E-01	1.08E-01	1.15E-01	1.53E-01	1.46E-01	1.70E-01	1.89E-01	1.89E-01	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	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	0.00E+00	1.67E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Toa Alta Municipio	72135	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	1.08E-04	1.48E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Toa Alta Municipio	72135	U	Ethylene Oxide	1.65E-03	1.65E-03	1.71E-03	1.74E-03	2.06E-03	1.89E-03	4.39E-03	4.39E-03	2.70E-04	1.79E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Formaldehyde	1.60E+00	1.60E+00	1.68E+00	1.71E+00	1.80E+00	2.02E+00	2.10E+00	2.10E+00	7.52E-04	1.21E-01	5.48E-01	8.79E-01	2.50E-01
Puerto Rico	Toa Alta Municipio	72135	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.33E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Toa Alta Municipio	72135	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	3.00E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Toa Alta Municipio	72135	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
Puerto Rico	Toa Alta Municipio	72135	U	Hydrazine	1.62E-08	1.62E-08	2.11E-08	2.58E-08	4.07E-08	3.98E-08	1.24E-07	1.24E-07	0.00E+00	4.07E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Lead Compounds	6.20E-04	6.20E-04	7.05E-04	7.54E-04	7.60E-04	8.27E-04	8.43E-04	8.43E-04	8.81E-05	1.33E-04	1.50E-04	3.89E-04	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Manganese Compounds	1.44E-04	1.44E-04	1.66E-04	2.15E-04	1.97E-04	2.23E-04	2.26E-04	2.26E-04	1.62E-05	6.43E-06	3.47E-05	1.40E-04	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Mercury Compounds	1.68E-03	1.68E-03	1.70E-03	1.74E-03	1.72E-03	1.74E-03	1.75E-03	1.75E-03	8.80E-05	8.77E-06	8.71E-05	4.07E-05	1.50E-03
Puerto Rico	Toa Alta Municipio	72135	U	Methylene Chloride	3.93E-01	3.93E-01	4.23E-01	4.37E-01	4.43E-01	4.58E-01	5.29E-01	5.29E-01	2.78E-02	2.65E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Toa Alta Municipio	72135	U	Nickel Compounds	1.93E-03	1.93E-03	2.26E-03	3.06E-03	3.03E-03	3.64E-03	5.10E-03	5.10E-03	1.23E-03	1.64E-03	8.05E-05	8.44E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Toa Alta Municipio	72135	U	Perchloroethylene	2.68E-01	2.68E-01	2.85E-01	2.90E-01	2.99E-01	2.98E-01	3.86E-01	3.86E-01	0.00E+00	1.59E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Toa Alta Municipio	72135	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	2.22E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Toa Alta Municipio	72135	U	Polycyclic Organic Matter	5.08E-02	5.08E-02	5.53E-02	6.98E-02	6.53E-02	7.21E-02	7.66E-02	7.66E-02	1.04E-03	4.78E-02	1.39E-02	2.56E-03	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	7-PAH	6.97E-04	6.97E-04	7.69E-04	7.87E-04	8.19E-04	8.87E-04	9.40E-04	9.40E-04	1.39E-06	5.90E-04	5.72E-05	1.70E-04	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Propylene Dichloride	5.22E-06	5.22E-06	5.71E-06	5.89E-06	6.58E-06	6.11E-06	1.10E-05	1.10E-05	0.00E+00	6.58E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Quinoline	1.33E-07	1.33E-07	1.47E-07	1.56E-07	2.00E-07	2.05E-07	4.27E-07	4.27E-07	0.00E+00	2.00E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	1,1,2,2-Tetrachloroethane	6.08E-07	6.08E-07	6.27E-07	6.68E-07	7.29E-07	6.88E-07	1.33E-06	1.33E-06	0.00E+00	7.29E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Alta Municipio	72135	U	Trichloroethylene	1.08E-01	1.08E-01	1.09E-01	1.11E-01	1.15E-01	1.13E-01	1.48E-01	1.48E-01	0.00E+00	3.41E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Toa Alta Municipio	72135	U	Vinyl Chloride	6.42E-06	6.42E-06	7.16E-06	7.27E-06	8.80E-06	8.49E-06	1.49E-05	1.49E-05	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Acetaldehyde	9.56E-01	1.04E+00	1.12E+00	1.39E+00	1.38E+00	1.65E+00	1.72E+00	1.92E+00	2.56E-04	8.89E-02	6.32E-01	6.60E-01	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Acrolein	1.22E-01	1.27E-01	1.38E-01	1.53E-01	1.54E-01	1.66E-01	1.81E-01	1.87E-01	4.79E-04	3.27E-02	4.77E-02	7.34E-02	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Acrylonitrile	1.41E-04	1.45E-04	1.60E-04	1.92E-04	2.51E-04	2.19E-04	3.45E-04	4.55E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Arsenic Compounds	1.20E-04	1.39E-04	1.68E-04	2.13E-04	2.58E-04	3.21E-04	4.19E-04	4.64E-04	4.14E-06	9.24E-05	1.59E-04	2.36E-06	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Benzene	1.67E+00	1.87E+00	2.04E+00	2.25E+00	2.31E+00	2.67E+00	2.75E+00	3.01E+00	2.49E-02	1.07E-01	7.89E-01	9.14E-01	4.80E-01
Puerto Rico	Toa Baja Municipio	72137	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
Puerto Rico	Toa Baja Municipio	72137	U	Beryllium Compounds	7.90E-07	8.67E-07	9.75E-07	1.45E-06	1.49E-06	1.74E-06	2.36E-06	2.83E-06	7.43E-07	7.05E-07	0.00E+00	4.40E-08	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	1,3-Butadiene	7.63E-02	9.25E-02	1.28E-01	1.48E-01	1.42E-01	1.58E-01	1.79E-01	1.97E-01	4.24E-04	1.62E-02	6.41E-02	6.17E-02	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Cadmium Compounds	1.03E-05	1.18E-05	1.28E-05	1.50E-05	1.77E-05	2.20E-05	2.57E-05	2.85E-05	1.55E-05	1.60E-06	0.00E+00	6.15E-07	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Carbon Disulfide	5.05E-02	5.07E-02	5.13E-02	5.27E-02	5.35E-02	5.42E-02	5.73E-02	5.90E-02	3.00E-03	3.50E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Toa Baja Municipio	72137	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	7.64E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Toa Baja Municipio	72137	U	Chloroform	9.10E-02	9.15E-02	9.23E-02	9.39E-02	9.50E-02	9.61E-02	9.83E-02	9.99E-02	1.69E-03	1.03E-02	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Toa Baja Municipio	72137	U	Chromium Compounds (includes Hexavalent)	5.73E-04	6.88E-04	7.59E-04	8.97E-04	1.01E-03	1.09E-03	1.28E-03	1.39E-03	2.15E-05	6.83E-04	1.66E-04	1.35E-04	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Chromium VI	3.99E-04	4.67E-04	5.32E-04	5.96E-04	7.18E-04	6.76E-04	9.06E-04	1.18E-03	6.45E-06	5.99E-04	6.64E-05	4.60E-05	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	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
Puerto Rico	Toa Baja Municipio	72137	U	1,4-Dichlorobenzene	4.64E-02	4.69E-02	5.87E-02	7.79E-02	7.74E-02	9.35E-02	1.05E-01	1.09E-01	0.00E+00	7.74E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	1,3-Dichloropropene	8.46E-02	8.70E-02	1.07E-01	1.45E-01	1.45E-01	1.75E-01	1.97E-01	2.04E-01	0.00E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	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	0.00E+00	1.74E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Toa Baja Municipio	72137	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	6.16E-02	2.23E-04	1.77E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Toa Baja Municipio	72137	U	Ethylene Oxide	1.54E-03	1.66E-03	1.83E-03	2.00E-03	2.86E-03	2.48E-03	4.05E-03	5.39E-03	6.62E-05	2.79E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Formaldehyde	1.42E+00	1.47E+00	1.59E+00	1.75E+00	1.79E+00	1.98E+00	2.07E+00	2.22E+00	1.40E-03	1.82E-01	4.52E-01	9.03E-01	2.50E-01
Puerto Rico	Toa Baja Municipio	72137	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.19E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Toa Baja Municipio	72137	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	4.70E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Toa Baja Municipio	72137	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
Puerto Rico	Toa Baja Municipio	72137	U	Hydrazine	9.91E-09	1.14E-08	1.52E-08	2.06E-08	4.69E-08	2.89E-08	7.23E-08	1.14E-07	0.00E+00	4.69E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Lead Compounds	1.02E-03	1.04E-03	1.09E-03	1.28E-03	1.31E-03	1.45E-03	1.51E-03	1.52E-03	9.81E-05	1.86E-04	1.80E-04	8.46E-04	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Manganese Compounds	1.37E-04	1.53E-04	1.86E-04	2.38E-04	2.49E-04	3.09E-04	3.24E-04	3.76E-04	3.11E-05	8.74E-06	5.38E-05	1.55E-04	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Mercury Compounds	1.67E-03	1.68E-03	1.72E-03	1.74E-03	1.78E-03	1.82E-03	1.89E-03	1.94E-03	9.05E-05	1.31E-05	1.31E-04	4.38E-05	1.50E-03
Puerto Rico	Toa Baja Municipio	72137	U	Methylene Chloride	4.56E-01	4.67E-01	5.16E-01	5.79E-01	6.05E-01	6.45E-01	6.78E-01	8.34E-01	1.18E-01	3.37E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Toa Baja Municipio	72137	U	Nickel Compounds	5.68E-03	6.51E-03	7.95E-03	1.23E-02	1.58E-02	2.28E-02	2.91E-02	3.36E-02	1.27E-02	2.72E-03	1.22E-04	1.97E-04	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Perchloroethylene	2.81E-01	2.85E-01	3.09E-01	3.40E-01	3.73E-01	3.57E-01	4.18E-01	4.79E-01	0.00E+00	2.33E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Toa Baja Municipio	72137	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	4.68E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Toa Baja Municipio	72137	U	Polycyclic Organic Matter	5.31E-02	5.49E-02	6.76E-02	7.52E-02	7.83E-02	9.07E-02	9.46E-02	1.10E-01	2.18E-03	5.00E-02	2.05E-02	5.61E-03	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	7-PAH	6.66E-04	7.26E-04	9.19E-04	1.08E-03	1.25E-03	1.34E-03	2.17E-03	2.29E-03	2.81E-06	9.63E-04	8.50E-05	1.96E-04	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Propylene Dichloride	5.23E-06	5.38E-06	5.98E-06	7.02E-06	9.35E-06	7.92E-06	1.30E-05	1.71E-05	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Quinoline	1.13E-07	1.13E-07	1.37E-07	1.45E-07	2.11E-07	1.70E-07	3.07E-07	4.12E-07	0.00E+00	2.11E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	1,1,2,2-Tetrachloroethane	6.38E-07	6.59E-07	7.25E-07	8.72E-07	1.14E-06	9.99E-07	1.56E-06	2.06E-06	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Toa Baja Municipio	72137	U	Trichloroethylene	1.08E-01	1.09E-01	1.13E-01	1.17E-01	1.33E-01	1.22E-01	1.52E-01	1.76E-01	0.00E+00	5.16E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Toa Baja Municipio	72137	U	Vinyl Chloride	5.91E-06	6.02E-06	7.03E-06	7.60E-06	1.06E-05	8.58E-06	1.50E-05	1.99E-05	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Acetaldehyde	7.77E-01	7.84E-01	9.66E-01	1.14E+00	1.13E+00	1.23E+00	1.30E+00	1.84E+00	6.77E-06	3.87E-02	6.81E-01	4.06E-01	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Acrolein	9.26E-02	9.28E-02	9.60E-02	1.03E-01	1.08E-01	1.21E-01	1.27E-01	1.32E-01	2.52E-05	1.51E-02	4.20E-02	5.10E-02	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Acrylonitrile	1.23E-04	1.24E-04	1.38E-04	1.56E-04	1.67E-04	1.83E-04	2.05E-04	2.92E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Arsenic Compounds	6.68E-05	6.69E-05	7.59E-05	8.76E-05	8.98E-05	1.00E-04	1.11E-04	1.26E-04	1.13E-07	1.86E-05	7.07E-05	3.39E-07	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Benzene	1.60E+00	1.63E+00	1.71E+00	1.97E+00	2.05E+00	2.35E+00	2.58E+00	2.91E+00	1.20E-03	5.71E-02	7.38E-01	7.77E-01	4.80E-01
Puerto Rico	Trujillo Alto Municipio	72139	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
Puerto Rico	Trujillo Alto Municipio	72139	U	Beryllium Compounds	4.54E-07	4.68E-07	5.09E-07	5.45E-07	5.80E-07	6.15E-07	6.92E-07	9.15E-07	2.19E-08	5.53E-07	0.00E+00	5.12E-09	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	1,3-Butadiene	7.08E-02	7.97E-02	8.64E-02	1.12E-01	1.18E-01	1.39E-01	1.60E-01	2.12E-01	6.61E-06	6.02E-03	5.73E-02	5.43E-02	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Cadmium Compounds	4.13E-06	4.33E-06	5.29E-06	6.29E-06	6.83E-06	7.53E-06	8.94E-06	1.41E-05	5.48E-06	1.27E-06	0.00E+00	7.11E-08	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Carbon Disulfide	4.90E-02	4.90E-02	4.91E-02	4.94E-02	4.96E-02	4.98E-02	5.04E-02	5.19E-02	2.23E-04	2.43E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Trujillo Alto Municipio	72139	U	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	0.00E+00	5.16E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Trujillo Alto Municipio	72139	U	Chloroform	8.69E-02	8.73E-02	8.78E-02	8.92E-02	8.95E-02	9.11E-02	9.23E-02	9.35E-02	0.00E+00	6.54E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Trujillo Alto Municipio	72139	U	Chromium Compounds (includes Hexavalent)	5.08E-04	5.24E-04	5.34E-04	6.19E-04	6.34E-04	6.85E-04	8.16E-04	8.87E-04	5.08E-07	4.43E-04	7.42E-05	1.16E-04	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Chromium VI	3.84E-04	3.91E-04	4.18E-04	4.71E-04	4.90E-04	5.16E-04	6.14E-04	7.59E-04	1.51E-07	4.21E-04	2.97E-05	3.96E-05	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	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
Puerto Rico	Trujillo Alto Municipio	72139	U	1,4-Dichlorobenzene	3.35E-02	3.75E-02	4.32E-02	6.50E-02	6.70E-02	9.12E-02	1.07E-01	1.09E-01	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Trujillo Alto Municipio	72139	U	1,3-Dichloropropene	6.24E-02	6.97E-02	8.10E-02	1.23E-01	1.26E-01	1.73E-01	2.04E-01	2.07E-01	0.00E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	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	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Trujillo Alto Municipio	72139	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	2.04E-05	1.50E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Trujillo Alto Municipio	72139	U	Ethylene Oxide	1.60E-03	1.65E-03	1.79E-03	1.98E-03	2.21E-03	2.50E-03	2.60E-03	4.14E-03	8.96E-05	2.12E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Formaldehyde	1.10E+00	1.12E+00	1.14E+00	1.26E+00	1.35E+00	1.50E+00	1.65E+00	1.96E+00	3.06E-05	7.86E-02	4.32E-01	5.87E-01	2.50E-01
Puerto Rico	Trujillo Alto Municipio	72139	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.66E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Trujillo Alto Municipio	72139	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	3.11E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Trujillo Alto Municipio	72139	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
Puerto Rico	Trujillo Alto Municipio	72139	U	Hydrazine	1.20E-08	1.34E-08	1.49E-08	1.83E-08	3.36E-08	3.55E-08	8.21E-08	1.21E-07	0.00E+00	3.36E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Lead Compounds	3.99E-04	4.50E-04	4.75E-04	5.30E-04	5.44E-04	6.18E-04	6.67E-04	6.87E-04	4.96E-05	1.37E-04	1.41E-04	2.17E-04	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Manganese Compounds	9.51E-05	9.60E-05	1.16E-04	1.49E-04	1.63E-04	2.20E-04	2.49E-04	2.50E-04	8.47E-07	7.19E-06	2.37E-05	1.31E-04	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Mercury Compounds	1.60E-03	1.61E-03	1.62E-03	1.64E-03	1.65E-03	1.67E-03	1.69E-03	1.74E-03	5.08E-05	7.56E-06	5.82E-05	3.50E-05	1.50E-03
Puerto Rico	Trujillo Alto Municipio	72139	U	Methylene Chloride	3.77E-01	3.85E-01	4.00E-01	4.60E-01	4.65E-01	5.29E-01	5.42E-01	5.74E-01	5.40E-02	2.61E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Trujillo Alto Municipio	72139	U	Nickel Compounds	4.39E-04	4.68E-04	4.97E-04	6.18E-04	6.13E-04	7.00E-04	7.52E-04	8.28E-04	2.41E-04	2.47E-04	5.45E-05	7.10E-05	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Perchloroethylene	2.46E-01	2.55E-01	2.55E-01	2.72E-01	2.79E-01	2.96E-01	3.24E-01	3.36E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Trujillo Alto Municipio	72139	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	9.74E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Trujillo Alto Municipio	72139	U	Polycyclic Organic Matter	3.36E-02	3.58E-02	3.93E-02	4.79E-02	5.15E-02	6.58E-02	7.31E-02	7.36E-02	7.24E-05	4.07E-02	9.38E-03	1.37E-03	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	7-PAH	3.71E-04	4.42E-04	4.64E-04	5.61E-04	5.96E-04	7.28E-04	8.60E-04	8.66E-04	8.71E-08	4.14E-04	3.83E-05	1.44E-04	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Propylene Dichloride	4.65E-06	4.76E-06	5.13E-06	5.75E-06	6.47E-06	6.89E-06	8.53E-06	1.24E-05	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Quinoline	1.07E-07	1.07E-07	1.12E-07	1.21E-07	1.73E-07	1.95E-07	3.10E-07	4.45E-07	0.00E+00	1.73E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	1,1,2,2-Tetrachloroethane	5.55E-07	5.60E-07	6.25E-07	7.04E-07	7.54E-07	8.15E-07	9.37E-07	1.30E-06	0.00E+00	7.54E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Trujillo Alto Municipio	72139	U	Trichloroethylene	1.09E-01	1.11E-01	1.12E-01	1.16E-01	1.18E-01	1.20E-01	1.29E-01	1.44E-01	0.00E+00	3.73E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Trujillo Alto Municipio	72139	U	Vinyl Chloride	5.48E-06	5.56E-06	5.82E-06	6.45E-06	7.99E-06	8.48E-06	1.24E-05	1.79E-05	0.00E+00	7.99E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Acetaldehyde	5.14E-01	5.14E-01	6.35E-01	7.32E-01	7.23E-01	8.34E-01	8.68E-01	8.68E-01	0.00E+00	3.68E-02	4.26E-01	2.60E-01	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Acrolein	5.87E-02	5.87E-02	6.28E-02	6.78E-02	6.94E-02	7.57E-02	8.38E-02	8.38E-02	0.00E+00	1.21E-02	3.15E-02	2.58E-02	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Acrylonitrile	9.99E-05	9.99E-05	1.05E-04	1.11E-04	1.12E-04	1.19E-04	1.30E-04	1.30E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Arsenic Compounds	3.05E-05	3.05E-05	3.23E-05	3.40E-05	4.25E-05	5.53E-05	6.65E-05	6.65E-05	0.00E+00	1.47E-06	4.10E-05	6.80E-08	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Benzene	1.01E+00	1.01E+00	1.07E+00	1.11E+00	1.22E+00	1.41E+00	1.58E+00	1.58E+00	1.35E-04	3.88E-02	3.56E-01	3.46E-01	4.80E-01
Puerto Rico	Utuado Municipio	72141	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
Puerto Rico	Utuado Municipio	72141	R	Beryllium Compounds	2.36E-07	2.36E-07	2.47E-07	2.68E-07	2.73E-07	2.85E-07	3.46E-07	3.46E-07	0.00E+00	2.71E-07	0.00E+00	1.04E-09	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	1,3-Butadiene	2.09E-02	2.09E-02	2.35E-02	2.63E-02	3.85E-02	5.73E-02	7.31E-02	7.31E-02	0.00E+00	2.83E-03	1.71E-02	1.86E-02	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Cadmium Compounds	5.76E-07	5.76E-07	6.00E-07	6.46E-07	6.60E-07	6.90E-07	8.28E-07	8.28E-07	0.00E+00	6.45E-07	0.00E+00	1.45E-08	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Carbon Disulfide	4.84E-02	4.84E-02	4.85E-02	4.86E-02	4.86E-02	4.87E-02	4.88E-02	4.88E-02	0.00E+00	1.58E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Utuado Municipio	72141	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	3.43E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Utuado Municipio	72141	R	Chloroform	8.91E-02	8.91E-02	9.12E-02	9.20E-02	9.21E-02	9.23E-02	9.63E-02	9.63E-02	6.81E-03	2.24E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Utuado Municipio	72141	R	Chromium Compounds (includes Hexavalent)	2.74E-04	2.74E-04	3.19E-04	3.42E-04	3.53E-04	3.88E-04	4.49E-04	4.49E-04	0.00E+00	2.59E-04	4.37E-05	4.99E-05	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Chromium VI	2.30E-04	2.30E-04	2.43E-04	2.65E-04	2.64E-04	2.76E-04	3.16E-04	3.16E-04	0.00E+00	2.30E-04	1.75E-05	1.70E-05	0.00E+00
Puerto Rico	Utuado Municipio	72141	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
Puerto Rico	Utuado Municipio	72141	R	1,4-Dichlorobenzene	2.16E-02	2.16E-02	2.33E-02	2.38E-02	3.20E-02	4.36E-02	5.27E-02	5.27E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	1,3-Dichloropropene	3.87E-02	3.87E-02	4.14E-02	4.26E-02	5.83E-02	8.07E-02	9.83E-02	9.83E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	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	8.05E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Utuado Municipio	72141	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	0.00E+00	8.95E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Utuado Municipio	72141	R	Ethylene Oxide	1.73E-03	1.73E-03	1.84E-03	1.92E-03	2.07E-03	2.41E-03	2.53E-03	2.53E-03	1.74E-04	1.90E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Formaldehyde	6.85E-01	6.85E-01	7.50E-01	8.36E-01	8.82E-01	1.03E+00	1.15E+00	1.15E+00	8.04E-04	6.07E-02	2.42E-01	3.29E-01	2.50E-01
Puerto Rico	Utuado Municipio	72141	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.67E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Utuado Municipio	72141	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	2.10E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Utuado Municipio	72141	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
Puerto Rico	Utuado Municipio	72141	R	Hydrazine	7.39E-09	7.39E-09	8.17E-09	8.68E-09	9.37E-09	1.04E-08	1.30E-08	1.30E-08	0.00E+00	9.37E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Lead Compounds	9.53E-05	9.53E-05	1.02E-04	1.13E-04	1.15E-04	1.23E-04	1.45E-04	1.45E-04	0.00E+00	6.05E-05	5.38E-05	3.18E-07	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Manganese Compounds	1.31E-03	1.31E-03	1.44E-03	1.56E-03	1.54E-03	1.61E-03	1.76E-03	1.76E-03	0.00E+00	1.47E-03	1.34E-05	5.57E-05	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	0.00E+00	4.21E-06	3.35E-05	1.48E-05	1.50E-03
Puerto Rico	Utuado Municipio	72141	R	Methylene Chloride	5.28E-01	5.28E-01	7.48E-01	8.63E-01	8.42E-01	9.52E-01	1.08E+00	1.08E+00	5.56E-01	1.36E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Utuado Municipio	72141	R	Nickel Compounds	9.50E-04	9.50E-04	1.00E-03	1.07E-03	1.05E-03	1.09E-03	1.11E-03	1.11E-03	9.17E-04	7.46E-05	3.19E-05	2.56E-05	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Perchloroethylene	1.93E-01	1.93E-01	1.96E-01	2.02E-01	2.03E-01	2.06E-01	2.18E-01	2.18E-01	0.00E+00	6.28E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Utuado Municipio	72141	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Utuado Municipio	72141	R	Polycyclic Organic Matter	1.78E-02	1.78E-02	1.91E-02	1.98E-02	2.48E-02	3.21E-02	3.85E-02	3.85E-02	0.00E+00	1.91E-02	5.59E-03	1.34E-04	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	7-PAH	3.07E-04	3.07E-04	3.33E-04	3.71E-04	3.63E-04	3.79E-04	4.36E-04	4.36E-04	0.00E+00	2.80E-04	2.28E-05	6.02E-05	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Propylene Dichloride	3.76E-06	3.76E-06	3.94E-06	4.14E-06	4.21E-06	4.44E-06	4.88E-06	4.88E-06	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Quinoline	8.58E-08	8.58E-08	8.89E-08	9.32E-08	9.49E-08	9.95E-08	1.10E-07	1.10E-07	0.00E+00	9.49E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	1,1,2,2-Tetrachloroethane	4.53E-07	4.53E-07	4.77E-07	5.01E-07	5.09E-07	5.38E-07	5.90E-07	5.90E-07	0.00E+00	5.09E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Utuado Municipio	72141	R	Trichloroethylene	1.01E-01	1.01E-01	1.02E-01	1.04E-01	1.04E-01	1.05E-01	1.07E-01	1.07E-01	0.00E+00	2.28E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Utuado Municipio	72141	R	Vinyl Chloride	4.36E-06	4.36E-06	4.54E-06	4.77E-06	4.85E-06	5.09E-06	5.62E-06	5.62E-06	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Acetaldehyde	9.96E-01	9.96E-01	1.17E+00	1.29E+00	1.40E+00	1.78E+00	1.81E+00	1.81E+00	2.08E-04	6.89E-02	8.35E-01	5.01E-01	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Acrolein	9.86E-02	9.86E-02	1.20E-01	1.33E-01	1.30E-01	1.46E-01	1.50E-01	1.50E-01	4.22E-04	2.09E-02	5.30E-02	5.61E-02	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Vega Alta Municipio	72143	U	Acrylonitrile	1.50E-04	1.50E-04	1.58E-04	1.64E-04	1.76E-04	2.04E-04	2.23E-04	2.23E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Arsenic Compounds	1.31E-04	1.31E-04	1.66E-04	1.93E-04	1.85E-04	2.08E-04	2.15E-04	2.15E-04	2.24E-06	6.03E-05	1.22E-04	8.11E-07	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Benzene	1.40E+00	1.40E+00	1.66E+00	1.89E+00	1.82E+00	2.00E+00	2.03E+00	2.03E+00	1.26E-02	6.67E-02	6.25E-01	6.35E-01	4.80E-01
Puerto Rico	Vega Alta Municipio	72143	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
Puerto Rico	Vega Alta Municipio	72143	U	Beryllium Compounds	7.56E-07	7.56E-07	8.77E-07	9.89E-07	9.54E-07	1.02E-06	1.07E-06	1.07E-06	3.99E-07	5.41E-07	0.00E+00	1.37E-08	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	1,3-Butadiene	5.16E-02	5.16E-02	6.22E-02	7.82E-02	7.50E-02	9.02E-02	9.16E-02	9.16E-02	1.19E-04	6.69E-03	3.54E-02	3.28E-02	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Cadmium Compounds	8.38E-06	8.38E-06	1.07E-05	1.22E-05	1.18E-05	1.34E-05	1.39E-05	1.39E-05	1.05E-05	1.20E-06	0.00E+00	1.91E-07	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Carbon Disulfide	5.02E-02	5.02E-02	5.07E-02	5.14E-02	5.11E-02	5.15E-02	5.18E-02	5.18E-02	1.64E-03	2.50E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Vega Alta Municipio	72143	U	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	0.00E+00	5.39E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Vega Alta Municipio	72143	U	Chloroform	8.95E-02	8.95E-02	8.98E-02	9.03E-02	9.14E-02	9.04E-02	9.95E-02	9.95E-02	1.53E-03	6.87E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Vega Alta Municipio	72143	U	Chromium Compounds (includes Hexavalent)	6.34E-04	6.34E-04	7.38E-04	8.59E-04	1.04E-03	9.29E-04	2.46E-03	2.46E-03	1.20E-05	8.10E-04	1.27E-04	9.18E-05	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Chromium VI	4.49E-04	4.49E-04	4.86E-04	5.20E-04	6.11E-04	6.22E-04	1.08E-03	1.08E-03	3.40E-06	5.26E-04	5.10E-05	3.12E-05	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	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
Puerto Rico	Vega Alta Municipio	72143	U	1,4-Dichlorobenzene	3.80E-02	3.80E-02	4.65E-02	5.91E-02	5.54E-02	6.29E-02	6.38E-02	6.38E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	1,3-Dichloropropene	6.88E-02	6.88E-02	8.37E-02	1.07E-01	1.00E-01	1.15E-01	1.16E-01	1.16E-01	0.00E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	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	0.00E+00	1.34E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Vega Alta Municipio	72143	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	1.14E-04	1.34E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Vega Alta Municipio	72143	U	Ethylene Oxide	1.84E-03	1.84E-03	1.90E-03	2.18E-03	2.26E-03	2.73E-03	2.94E-03	2.94E-03	2.04E-04	2.06E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Formaldehyde	1.21E+00	1.21E+00	1.40E+00	1.54E+00	1.55E+00	1.79E+00	1.83E+00	1.83E+00	9.98E-04	1.18E-01	4.95E-01	6.84E-01	2.50E-01
Puerto Rico	Vega Alta Municipio	72143	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.85E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Vega Alta Municipio	72143	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	3.29E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Vega Alta Municipio	72143	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
Puerto Rico	Vega Alta Municipio	72143	U	Hydrazine	1.23E-08	1.23E-08	1.70E-08	2.40E-08	2.70E-08	4.09E-08	4.59E-08	4.59E-08	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Lead Compounds	6.74E-04	6.74E-04	7.65E-04	7.68E-04	7.67E-04	7.95E-04	8.13E-04	8.13E-04	7.20E-05	1.38E-04	1.55E-04	4.03E-04	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Manganese Compounds	1.19E-04	1.19E-04	1.46E-04	1.75E-04	1.68E-04	1.94E-04	1.98E-04	1.98E-04	1.74E-05	6.48E-06	4.03E-05	1.04E-04	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Mercury Compounds	1.66E-03	1.66E-03	1.69E-03	1.72E-03	1.71E-03	1.73E-03	1.74E-03	1.74E-03	7.13E-05	8.58E-06	1.01E-04	2.94E-05	1.50E-03
Puerto Rico	Vega Alta Municipio	72143	U	Methylene Chloride	3.91E-01	3.91E-01	4.02E-01	4.32E-01	4.99E-01	6.90E-01	6.97E-01	6.97E-01	1.12E-01	2.37E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Vega Alta Municipio	72143	U	Nickel Compounds	4.77E-03	4.77E-03	4.96E-03	6.31E-03	6.20E-03	7.22E-03	7.29E-03	7.29E-03	3.91E-03	2.11E-03	9.34E-05	8.59E-05	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Perchloroethylene	2.73E-01	2.73E-01	2.79E-01	2.86E-01	2.92E-01	3.17E-01	3.19E-01	3.19E-01	0.00E+00	1.52E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Vega Alta Municipio	72143	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	2.34E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Vega Alta Municipio	72143	U	Polycyclic Organic Matter	4.05E-02	4.05E-02	4.84E-02	5.88E-02	5.48E-02	6.05E-02	6.13E-02	6.13E-02	1.10E-03	3.49E-02	1.61E-02	2.73E-03	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	7-PAH	6.12E-04	6.12E-04	6.42E-04	6.60E-04	7.49E-04	9.94E-04	9.96E-04	9.96E-04	1.50E-06	5.54E-04	6.63E-05	1.26E-04	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Propylene Dichloride	5.70E-06	5.70E-06	5.96E-06	6.55E-06	6.68E-06	7.52E-06	8.17E-06	8.17E-06	0.00E+00	6.68E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Quinoline	1.19E-07	1.19E-07	1.35E-07	1.55E-07	1.59E-07	1.94E-07	2.03E-07	2.03E-07	0.00E+00	1.59E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	1,1,2,2-Tetrachloroethane	6.79E-07	6.79E-07	7.13E-07	7.48E-07	7.97E-07	9.29E-07	1.02E-06	1.02E-06	0.00E+00	7.97E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Alta Municipio	72143	U	Trichloroethylene	1.11E-01	1.11E-01	1.14E-01	1.14E-01	1.17E-01	1.25E-01	1.28E-01	1.28E-01	0.00E+00	3.62E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Vega Alta Municipio	72143	U	Vinyl Chloride	6.53E-06	6.53E-06	6.75E-06	8.31E-06	7.88E-06	8.91E-06	9.01E-06	9.01E-06	0.00E+00	7.88E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Acetaldehyde	8.70E-01	1.09E+00	1.23E+00	1.51E+00	1.52E+00	1.74E+00	2.18E+00	2.22E+00	1.24E-04	7.16E-02	8.69E-01	5.83E-01	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Acrolein	9.96E-02	1.01E-01	1.17E-01	1.35E-01	1.37E-01	1.61E-01	1.69E-01	1.75E-01	2.78E-04	2.17E-02	5.57E-02	5.95E-02	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Acrylonitrile	8.27E-05	1.06E-04	1.57E-04	1.94E-04	1.93E-04	2.31E-04	2.58E-04	3.19E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Arsenic Compounds	1.21E-04	1.46E-04	1.51E-04	1.65E-04	1.76E-04	2.01E-04	2.29E-04	2.55E-04	1.36E-06	3.93E-05	1.35E-04	7.33E-07	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Benzene	1.53E+00	1.66E+00	1.75E+00	1.87E+00	2.01E+00	2.24E+00	2.52E+00	2.87E+00	7.81E-03	7.15E-02	7.01E-01	7.47E-01	4.80E-01
Puerto Rico	Vega Baja Municipio	72145	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
Puerto Rico	Vega Baja Municipio	72145	U	Beryllium Compounds	4.26E-07	6.43E-07	7.40E-07	8.96E-07	8.57E-07	9.79E-07	1.10E-06	1.15E-06	2.43E-07	6.02E-07	0.00E+00	1.20E-08	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	1,3-Butadiene	5.75E-02	6.43E-02	6.86E-02	8.10E-02	9.42E-02	1.13E-01	1.41E-01	1.75E-01	5.98E-05	7.09E-03	4.37E-02	4.33E-02	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Cadmium Compounds	5.46E-06	6.60E-06	7.84E-06	9.16E-06	8.76E-06	9.86E-06	1.03E-05	1.11E-05	7.29E-06	1.30E-06	0.00E+00	1.67E-07	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Carbon Disulfide	4.87E-02	4.92E-02	5.00E-02	5.07E-02	5.06E-02	5.12E-02	5.18E-02	5.28E-02	1.01E-03	2.63E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Vega Baja Municipio	72145	U	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	0.00E+00	5.95E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Vega Baja Municipio	72145	U	Chloroform	8.69E-02	8.93E-02	9.06E-02	9.75E-02	1.03E-01	1.17E-01	1.22E-01	1.31E-01	1.41E-02	6.19E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Vega Baja Municipio	72145	U	Chromium Compounds (includes Hexavalent)	4.99E-04	5.06E-04	8.64E-04	1.14E-03	1.22E-03	1.62E-03	1.92E-03	2.02E-03	7.34E-06	9.63E-04	1.42E-04	1.08E-04	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Chromium VI	2.90E-04	3.24E-04	5.37E-04	7.16E-04	7.03E-04	9.01E-04	1.02E-03	1.09E-03	2.07E-06	6.07E-04	5.66E-05	3.67E-05	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	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
Puerto Rico	Vega Baja Municipio	72145	U	1,4-Dichlorobenzene	4.30E-02	4.81E-02	5.13E-02	5.88E-02	6.59E-02	7.90E-02	9.65E-02	1.07E-01	0.00E+00	6.59E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	1,3-Dichloropropene	7.81E-02	8.71E-02	9.22E-02	1.06E-01	1.21E-01	1.47E-01	1.79E-01	2.01E-01	0.00E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	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	0.00E+00	1.15E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Vega Baja Municipio	72145	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	7.37E-05	1.46E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Vega Baja Municipio	72145	U	Ethylene Oxide	9.83E-04	1.26E-03	1.80E-03	2.21E-03	2.24E-03	2.56E-03	2.82E-03	4.29E-03	1.93E-05	2.22E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Formaldehyde	1.24E+00	1.29E+00	1.45E+00	1.67E+00	1.74E+00	2.00E+00	2.35E+00	2.45E+00	1.00E-03	1.25E-01	5.56E-01	8.12E-01	2.50E-01
Puerto Rico	Vega Baja Municipio	72145	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.66E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Vega Baja Municipio	72145	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	3.64E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Vega Baja Municipio	72145	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
Puerto Rico	Vega Baja Municipio	72145	U	Hydrazine	3.95E-09	5.77E-09	7.42E-09	9.53E-09	1.64E-08	1.21E-08	1.32E-08	9.62E-08	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Lead Compounds	4.83E-04	5.29E-04	6.14E-04	7.01E-04	6.84E-04	7.68E-04	7.97E-04	8.26E-04	5.22E-05	1.27E-04	1.69E-04	3.35E-04	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Manganese Compounds	1.18E-04	1.43E-04	1.52E-04	1.66E-04	1.85E-04	2.15E-04	2.61E-04	2.95E-04	1.06E-05	7.30E-06	4.49E-05	1.22E-04	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Vega Baja Municipio	72145	U	Mercury Compounds	1.64E-03	1.67E-03	1.68E-03	1.70E-03	1.71E-03	1.73E-03	1.77E-03	1.79E-03	5.35E-05	8.36E-06	1.11E-04	3.30E-05	1.50E-03
Puerto Rico	Vega Baja Municipio	72145	U	Methylene Chloride	3.97E-01	3.98E-01	4.36E-01	8.97E-01	7.85E-01	9.67E-01	1.14E+00	1.16E+00	3.75E-01	2.60E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Vega Baja Municipio	72145	U	Nickel Compounds	3.98E-03	4.05E-03	4.85E-03	5.35E-03	5.35E-03	5.94E-03	6.14E-03	6.79E-03	3.40E-03	1.75E-03	1.04E-04	8.84E-05	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Perchloroethylene	2.20E-01	2.27E-01	2.60E-01	2.90E-01	2.89E-01	3.15E-01	3.41E-01	3.67E-01	0.00E+00	1.49E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Vega Baja Municipio	72145	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.43E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Vega Baja Municipio	72145	U	Polycyclic Organic Matter	4.00E-02	4.80E-02	5.09E-02	5.48E-02	6.03E-02	6.91E-02	8.34E-02	9.15E-02	6.71E-04	3.94E-02	1.78E-02	2.36E-03	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	7-PAH	4.61E-04	4.79E-04	6.04E-04	6.87E-04	7.74E-04	9.53E-04	1.17E-03	1.27E-03	9.18E-07	5.59E-04	7.33E-05	1.42E-04	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Propylene Dichloride	3.08E-06	3.95E-06	5.67E-06	7.00E-06	7.02E-06	8.09E-06	8.98E-06	1.27E-05	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Quinoline	6.52E-08	8.52E-08	1.05E-07	1.20E-07	1.36E-07	1.33E-07	1.42E-07	3.78E-07	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	1,1,2,2-Tetrachloroethane	3.75E-07	4.80E-07	7.15E-07	8.83E-07	8.80E-07	1.06E-06	1.18E-06	1.43E-06	0.00E+00	8.80E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vega Baja Municipio	72145	U	Trichloroethylene	1.06E-01	1.10E-01	1.11E-01	1.20E-01	1.21E-01	1.27E-01	1.36E-01	1.49E-01	0.00E+00	4.04E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Vega Baja Municipio	72145	U	Vinyl Chloride	3.48E-06	4.49E-06	5.98E-06	7.33E-06	7.51E-06	8.08E-06	8.61E-06	1.66E-05	0.00E+00	7.51E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Acetaldehyde	1.10E-02	1.10E-02	3.28E-02	8.21E-02	9.24E-02	1.52E-01	1.94E-01	1.94E-01	5.93E-07	2.68E-03	3.85E-02	5.12E-02	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Acrolein	2.47E-03	2.47E-03	4.48E-03	7.50E-03	6.93E-03	9.38E-03	1.02E-02	1.02E-02	7.45E-06	1.07E-03	1.95E-03	3.91E-03	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Acrylonitrile	1.44E-06	1.44E-06	4.04E-06	1.16E-05	1.10E-05	1.80E-05	1.96E-05	1.96E-05	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Arsenic Compounds	1.46E-06	1.46E-06	2.20E-06	4.73E-06	5.35E-06	8.50E-06	1.05E-05	1.05E-05	1.74E-08	5.42E-07	4.78E-06	1.17E-08	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Benzene	5.00E-01	5.00E-01	5.23E-01	6.10E-01	6.33E-01	7.43E-01	8.12E-01	8.12E-01	3.40E-04	4.24E-03	6.91E-02	7.91E-02	4.80E-01
Puerto Rico	Vieques Municipio	72147	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
Puerto Rico	Vieques Municipio	72147	R	Beryllium Compounds	1.19E-08	1.19E-08	3.21E-08	5.36E-08	4.61E-08	6.00E-08	6.52E-08	6.52E-08	4.67E-09	4.12E-08	0.00E+00	1.83E-10	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	1,3-Butadiene	1.64E-03	1.64E-03	2.45E-03	1.03E-02	1.37E-02	2.49E-02	3.23E-02	3.23E-02	1.10E-06	5.45E-04	7.22E-03	5.89E-03	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Cadmium Compounds	2.33E-08	2.33E-08	5.97E-08	1.18E-07	1.06E-07	1.53E-07	1.65E-07	1.65E-07	1.81E-08	8.56E-08	0.00E+00	2.55E-09	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.73E-02	4.74E-02	4.75E-02	4.75E-02	1.32E-04	1.55E-04	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Vieques Municipio	72147	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	3.49E-05	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Vieques Municipio	72147	R	Chloroform	8.30E-02	8.30E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	2.61E-04	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Vieques Municipio	72147	R	Chromium Compounds (includes Hexavalent)	9.02E-06	9.02E-06	3.08E-05	5.35E-05	4.44E-05	5.81E-05	6.18E-05	6.18E-05	1.33E-08	2.62E-05	5.72E-06	1.25E-05	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Chromium VI	5.22E-06	5.22E-06	1.71E-05	3.78E-05	3.19E-05	4.67E-05	4.69E-05	4.69E-05	7.97E-09	2.54E-05	2.29E-06	4.26E-06	0.00E+00
Puerto Rico	Vieques Municipio	72147	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
Puerto Rico	Vieques Municipio	72147	R	1,4-Dichlorobenzene	7.14E-04	7.14E-04	1.71E-03	5.52E-03	6.58E-03	1.15E-02	1.46E-02	1.46E-02	0.00E+00	6.58E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	1,3-Dichloropropene	1.30E-03	1.30E-03	3.14E-03	1.04E-02	1.25E-02	2.19E-02	2.80E-02	2.80E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	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	8.02E-09	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Vieques Municipio	72147	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	0.00E+00	1.13E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Vieques Municipio	72147	R	Ethylene Oxide	1.74E-05	1.74E-05	5.03E-05	1.41E-04	1.33E-04	2.16E-04	2.34E-04	2.34E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Formaldehyde	2.66E-01	2.66E-01	2.84E-01	3.39E-01	3.61E-01	4.38E-01	5.00E-01	5.00E-01	8.26E-07	5.91E-03	3.56E-02	6.94E-02	2.50E-01
Puerto Rico	Vieques Municipio	72147	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.69E-10	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Vieques Municipio	72147	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	2.06E-08	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Vieques Municipio	72147	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
Puerto Rico	Vieques Municipio	72147	R	Hydrazine	8.17E-11	8.17E-11	8.43E-10	3.16E-09	2.81E-09	4.77E-09	4.83E-09	4.83E-09	0.00E+00	2.81E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Lead Compounds	1.96E-05	1.96E-05	2.03E-05	2.32E-05	3.53E-05	5.03E-05	7.53E-05	7.53E-05	7.33E-08	1.06E-05	6.28E-06	1.84E-05	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Manganese Compounds	3.59E-06	3.59E-06	5.15E-06	1.37E-05	1.66E-05	2.81E-05	3.55E-05	3.55E-05	1.13E-07	4.56E-07	2.03E-06	1.40E-05	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	3.69E-09	5.91E-07	4.00E-06	3.48E-06	1.50E-03
Puerto Rico	Vieques Municipio	72147	R	Methylene Chloride	1.56E-01	1.56E-01	1.66E-01	1.76E-01	1.72E-01	1.78E-01	1.79E-01	1.79E-01	3.72E-03	1.81E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Vieques Municipio	72147	R	Nickel Compounds	9.36E-06	9.36E-06	1.48E-05	2.35E-05	2.10E-05	2.72E-05	2.76E-05	2.76E-05	2.30E-08	9.19E-06	5.20E-06	6.61E-06	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Perchloroethylene	1.41E-01	1.41E-01	1.45E-01	1.51E-01	1.49E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	9.48E-03	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Vieques Municipio	72147	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Vieques Municipio	72147	R	Polycyclic Organic Matter	9.77E-04	9.77E-04	1.67E-03	4.06E-03	4.62E-03	7.56E-03	9.38E-03	9.38E-03	3.41E-05	3.88E-03	6.12E-04	9.45E-05	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	7-PAH	3.46E-05	3.46E-05	4.12E-05	5.12E-05	4.94E-05	5.76E-05	6.06E-05	6.06E-05	2.89E-08	3.15E-05	2.54E-06	1.54E-05	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Propylene Dichloride	5.43E-08	5.43E-08	1.51E-07	4.33E-07	4.14E-07	6.78E-07	7.38E-07	7.38E-07	0.00E+00	4.14E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Quinoline	1.21E-09	1.21E-09	3.36E-09	1.02E-08	9.87E-09	1.64E-08	1.79E-08	1.79E-08	0.00E+00	9.87E-09	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	1,1,2,2-Tetrachloroethane	6.52E-09	6.52E-09	1.83E-08	5.23E-08	4.99E-08	8.15E-08	8.86E-08	8.86E-08	0.00E+00	4.99E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Vieques Municipio	72147	R	Trichloroethylene	8.13E-02	8.13E-02	8.19E-02	8.38E-02	8.35E-02	8.52E-02	8.54E-02	8.54E-02	0.00E+00	2.55E-03	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Vieques Municipio	72147	R	Vinyl Chloride	6.34E-08	6.34E-08	1.71E-07	4.98E-07	4.80E-07	7.90E-07	8.61E-07	8.61E-07	0.00E+00	4.80E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Acetaldehyde	9.00E-01	9.00E-01	1.03E+00	1.07E+00	1.25E+00	1.59E+00	1.67E+00	1.67E+00	8.25E-06	6.42E-02	7.57E-01	4.32E-01	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Acrolein	7.97E-02	7.97E-02	8.19E-02	9.76E-02	9.71E-02	1.03E-01	1.24E-01	1.24E-01	2.21E-05	1.90E-02	4.00E-02	3.81E-02	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Acrylonitrile	1.55E-04	1.55E-04	1.57E-04	1.82E-04	1.80E-04	1.97E-04	2.08E-04	2.08E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Arsenic Compounds	4.92E-05	4.92E-05	5.71E-05	6.17E-05	6.76E-05	7.20E-05	9.80E-05	9.80E-05	9.61E-08	2.63E-06	6.48E-05	5.81E-08	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Benzene	1.24E+00	1.24E+00	1.35E+00	1.56E+00	1.69E+00	1.82E+00	2.46E+00	2.46E+00	2.82E-03	6.47E-02	5.76E-01	5.62E-01	4.80E-01
Puerto Rico	Villalba Municipio	72149	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
Puerto Rico	Villalba Municipio	72149	U	Beryllium Compounds	4.13E-07	4.13E-07	4.19E-07	4.98E-07	4.89E-07	5.41E-07	5.74E-07	5.74E-07	1.74E-08	4.70E-07	0.00E+00	9.65E-10	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	1,3-Butadiene	3.71E-02	3.71E-02	5.10E-02	6.15E-02	7.96E-02	9.22E-02	1.56E-01	1.56E-01	3.59E-06	7.04E-03	3.80E-02	3.45E-02	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Cadmium Compounds	9.92E-07	9.92E-07	4.77E-06	4.78E-06	4.10E-06	4.96E-06	4.99E-06	4.99E-06	2.98E-06	1.11E-06	0.00E+00	1.34E-08	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Carbon Disulfide	4.91E-02	4.91E-02	4.93E-02	4.96E-02	4.96E-02	4.98E-02	4.99E-02	4.99E-02	7.60E-05	2.48E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Villalba Municipio	72149	U	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	0.00E+00	5.51E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Villalba Municipio	72149	U	Chloroform	8.88E-02	8.88E-02	8.91E-02	8.99E-02	8.97E-02	9.01E-02	9.07E-02	9.07E-02	3.14E-03	3.59E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Villalba Municipio	72149	U	Chromium Compounds (includes Hexavalent)	4.46E-04	4.46E-04	4.57E-04	4.93E-04	5.01E-04	5.11E-04	6.00E-04	6.00E-04	5.32E-07	3.50E-04	6.91E-05	8.21E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Villalba Municipio	72149	U	Chromium VI	3.61E-04	3.61E-04	3.77E-04	3.96E-04	3.94E-04	4.09E-04	4.30E-04	4.30E-04	1.48E-07	3.39E-04	2.76E-05	2.79E-05	0.00E+00
Puerto Rico	Villalba Municipio	72149	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
Puerto Rico	Villalba Municipio	72149	U	1,4-Dichlorobenzene	2.71E-02	2.71E-02	3.59E-02	4.47E-02	5.00E-02	5.49E-02	8.75E-02	8.75E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	1,3-Dichloropropene	4.88E-02	4.88E-02	6.62E-02	8.25E-02	9.30E-02	1.02E-01	1.65E-01	1.65E-01	0.00E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	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	0.00E+00	1.14E-07	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Villalba Municipio	72149	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.13E-04	1.41E-05	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Villalba Municipio	72149	U	Ethylene Oxide	3.57E-03	3.57E-03	3.83E-03	3.95E-03	3.98E-03	4.27E-03	4.29E-03	4.29E-03	1.62E-03	2.36E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Formaldehyde	1.03E+00	1.03E+00	1.13E+00	1.15E+00	1.36E+00	1.59E+00	1.91E+00	1.91E+00	2.09E-04	1.13E-01	4.41E-01	5.61E-01	2.50E-01
Puerto Rico	Villalba Municipio	72149	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.52E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Villalba Municipio	72149	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	3.38E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Villalba Municipio	72149	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
Puerto Rico	Villalba Municipio	72149	U	Hydrazine	5.07E-09	5.07E-09	1.17E-08	2.44E-08	1.86E-08	2.51E-08	2.66E-08	2.66E-08	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Lead Compounds	1.71E-04	1.71E-04	1.94E-04	2.16E-04	2.28E-04	2.59E-04	2.98E-04	2.98E-04	2.63E-05	1.16E-04	8.45E-05	2.70E-07	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Manganese Compounds	6.58E-04	6.58E-04	8.48E-04	8.76E-04	8.62E-04	9.58E-04	9.71E-04	9.71E-04	7.69E-07	7.48E-04	2.14E-05	9.17E-05	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Mercury Compounds	1.57E-03	1.57E-03	1.59E-03	1.61E-03	1.61E-03	1.63E-03	1.66E-03	1.66E-03	2.87E-05	7.62E-06	5.29E-05	2.39E-05	1.50E-03
Puerto Rico	Villalba Municipio	72149	U	Methylene Chloride	4.52E-01	4.52E-01	4.75E-01	5.46E-01	5.27E-01	5.60E-01	6.02E-01	6.02E-01	1.74E-01	2.03E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Villalba Municipio	72149	U	Nickel Compounds	1.30E-03	1.30E-03	1.38E-03	1.39E-03	1.41E-03	1.42E-03	1.58E-03	1.58E-03	1.15E-03	1.68E-04	5.05E-05	4.18E-05	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Perchloroethylene	2.28E-01	2.28E-01	2.35E-01	2.45E-01	2.52E-01	2.67E-01	2.86E-01	2.86E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Villalba Municipio	72149	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.04E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Villalba Municipio	72149	U	Polycyclic Organic Matter	2.53E-02	2.53E-02	3.06E-02	3.59E-02	3.94E-02	4.28E-02	6.26E-02	6.26E-02	4.90E-05	3.05E-02	8.72E-03	2.08E-04	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	7-PAH	5.39E-04	5.39E-04	5.71E-04	5.78E-04	6.24E-04	6.71E-04	7.59E-04	7.59E-04	6.78E-08	4.89E-04	3.58E-05	9.89E-05	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Propylene Dichloride	5.49E-06	5.49E-06	6.04E-06	6.65E-06	6.61E-06	7.27E-06	7.57E-06	7.57E-06	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Quinoline	8.28E-08	8.28E-08	1.36E-07	1.50E-07	1.37E-07	1.55E-07	1.62E-07	1.62E-07	0.00E+00	1.37E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	1,1,2,2-Tetrachloroethane	7.00E-07	7.00E-07	7.20E-07	8.26E-07	8.18E-07	8.97E-07	9.48E-07	9.48E-07	0.00E+00	8.18E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Villalba Municipio	72149	U	Trichloroethylene	1.12E-01	1.12E-01	1.14E-01	1.17E-01	1.18E-01	1.23E-01	1.25E-01	1.25E-01	0.00E+00	3.73E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Villalba Municipio	72149	U	Vinyl Chloride	5.29E-06	5.29E-06	7.26E-06	7.51E-06	7.25E-06	8.05E-06	8.13E-06	8.13E-06	0.00E+00	7.25E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Acetaldehyde	3.11E-01	3.11E-01	4.24E-01	4.87E-01	4.80E-01	5.37E-01	6.29E-01	6.29E-01	9.69E-05	1.78E-02	2.66E-01	1.95E-01	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Acrolein	2.36E-02	2.36E-02	3.10E-02	3.93E-02	3.79E-02	4.36E-02	5.17E-02	5.17E-02	2.58E-04	5.75E-03	1.30E-02	1.88E-02	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Acrylonitrile	4.66E-05	4.66E-05	5.04E-05	6.84E-05	7.56E-05	9.80E-05	1.24E-04	1.24E-04	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Arsenic Compounds	2.16E-05	2.16E-05	3.37E-05	3.61E-05	4.30E-05	5.00E-05	8.24E-05	8.24E-05	2.84E-06	2.98E-06	3.71E-05	2.65E-08	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Benzene	9.16E-01	9.16E-01	9.82E-01	1.06E+00	1.23E+00	1.35E+00	2.17E+00	2.17E+00	1.71E-01	2.44E-02	2.44E-01	3.15E-01	4.80E-01
Puerto Rico	Yabucoa Municipio	72151	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
Puerto Rico	Yabucoa Municipio	72151	U	Beryllium Compounds	1.89E-07	1.89E-07	3.14E-07	5.56E-07	9.59E-07	1.60E-06	2.55E-06	2.55E-06	7.37E-07	2.22E-07	0.00E+00	4.01E-10	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	1,3-Butadiene	2.59E-02	2.59E-02	3.14E-02	3.33E-02	4.62E-02	5.47E-02	1.05E-01	1.05E-01	7.87E-04	2.71E-03	2.05E-02	2.22E-02	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Cadmium Compounds	1.17E-06	1.17E-06	1.85E-06	2.82E-06	4.22E-06	6.54E-06	1.02E-05	1.02E-05	3.70E-06	5.14E-07	0.00E+00	5.57E-09	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Carbon Disulfide	4.94E-02	4.94E-02	5.13E-02	5.89E-02	7.31E-02	9.19E-02	1.31E-01	1.31E-01	2.51E-02	1.07E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Yabucoa Municipio	72151	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	0.00E+00	2.29E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Yabucoa Municipio	72151	U	Chloroform	8.42E-02	8.42E-02	8.45E-02	8.47E-02	8.48E-02	8.51E-02	8.58E-02	8.58E-02	0.00E+00	1.80E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Yabucoa Municipio	72151	U	Chromium Compounds (includes Hexavalent)	1.73E-04	1.73E-04	2.01E-04	2.54E-04	2.64E-04	3.03E-04	4.20E-04	4.20E-04	2.24E-06	1.74E-04	3.81E-05	4.90E-05	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Chromium VI	1.30E-04	1.30E-04	1.52E-04	1.87E-04	2.02E-04	2.40E-04	3.30E-04	3.30E-04	1.28E-06	1.69E-04	1.52E-05	1.67E-05	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	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
Puerto Rico	Yabucoa Municipio	72151	U	1,4-Dichlorobenzene	1.25E-02	1.25E-02	1.83E-02	2.06E-02	2.63E-02	3.11E-02	5.79E-02	5.79E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	1,3-Dichloropropene	2.33E-02	2.33E-02	3.41E-02	3.84E-02	4.96E-02	5.89E-02	1.11E-01	1.11E-01	0.00E+00	4.96E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	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	0.00E+00	5.64E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Yabucoa Municipio	72151	U	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	6.04E-06	6.61E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Yabucoa Municipio	72151	U	Ethylene Oxide	5.55E-04	5.55E-04	1.03E-03	1.27E-03	1.27E-03	1.54E-03	1.94E-03	1.94E-03	3.56E-04	9.14E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Formaldehyde	5.55E-01	5.55E-01	6.70E-01	7.13E-01	7.47E-01	7.98E-01	1.06E+00	1.06E+00	1.48E-04	3.55E-02	1.79E-01	2.82E-01	2.50E-01
Puerto Rico	Yabucoa Municipio	72151	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.05E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Yabucoa Municipio	72151	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	1.41E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Yabucoa Municipio	72151	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
Puerto Rico	Yabucoa Municipio	72151	U	Hydrazine	7.45E-09	7.45E-09	9.11E-09	1.07E-08	1.62E-08	2.29E-08	3.65E-08	3.65E-08	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Lead Compounds	1.00E-04	1.00E-04	1.28E-04	1.38E-04	1.51E-04	1.74E-04	2.30E-04	2.30E-04	1.96E-05	6.67E-05	4.43E-05	2.07E-05	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Manganese Compounds	4.34E-05	4.34E-05	5.33E-05	6.04E-05	8.82E-05	1.13E-04	2.09E-04	2.09E-04	1.81E-05	2.93E-06	1.23E-05	5.49E-05	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Mercury Compounds	1.53E-03	1.53E-03	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.60E-03	1.60E-03	9.55E-06	3.41E-06	3.12E-05	1.38E-05	1.50E-03
Puerto Rico	Yabucoa Municipio	72151	U	Methylene Chloride	2.52E-01	2.52E-01	3.08E-01	4.40E-01	7.62E-01	1.03E+00	2.29E+00	2.29E+00	5.16E-01	9.67E-02	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Yabucoa Municipio	72151	U	Nickel Compounds	3.25E-04	3.25E-04	3.57E-04	4.29E-04	4.26E-04	4.92E-04	5.25E-04	5.25E-04	2.52E-04	1.21E-04	2.81E-05	2.53E-05	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Perchloroethylene	1.77E-01	1.77E-01	1.81E-01	1.90E-01	1.98E-01	2.10E-01	2.43E-01	2.43E-01	0.00E+00	5.77E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Yabucoa Municipio	72151	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.47E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Yabucoa Municipio	72151	U	Polycyclic Organic Matter	1.56E-02	1.56E-02	1.93E-02	2.41E-02	3.67E-02	4.95E-02	9.21E-02	9.21E-02	1.55E-02	1.62E-02	4.76E-03	2.28E-04	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	7-PAH	1.73E-04	1.73E-04	1.82E-04	2.54E-04	2.50E-04	3.06E-04	3.44E-04	3.44E-04	4.80E-06	1.66E-04	1.98E-05	5.95E-05	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Propylene Dichloride	1.76E-06	1.76E-06	1.91E-06	2.58E-06	2.85E-06	3.70E-06	4.69E-06	4.69E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Quinoline	4.27E-08	4.27E-08	4.60E-08	6.18E-08	6.90E-08	8.98E-08	1.14E-07	1.14E-07	0.00E+00	6.90E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	1,1,2,2-Tetrachloroethane	2.11E-07	2.11E-07	2.28E-07	3.09E-07	3.42E-07	4.44E-07	5.63E-07	5.63E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yabucoa Municipio	72151	U	Trichloroethylene	9.16E-02	9.16E-02	9.20E-02	9.52E-02	9.79E-02	1.03E-01	1.11E-01	1.11E-01	0.00E+00	1.69E-02	0.00E+00	0.00E+00	8.10E-02

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Puerto Rico

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
Puerto Rico	Yabucoa Municipio	72151	U	Vinyl Chloride	2.07E-06	2.07E-06	2.24E-06	3.02E-06	3.34E-06	4.33E-06	5.47E-06	5.47E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Acetaldehyde	5.10E-01	6.26E-01	6.53E-01	8.96E-01	9.20E-01	1.18E+00	1.37E+00	1.43E+00	0.00E+00	3.43E-02	5.04E-01	3.82E-01	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Acrolein	4.33E-02	6.19E-02	6.82E-02	6.91E-02	7.07E-02	7.70E-02	8.60E-02	9.15E-02	0.00E+00	9.84E-03	2.90E-02	3.19E-02	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Acrylonitrile	7.70E-05	8.44E-05	8.52E-05	1.07E-04	1.08E-04	1.23E-04	1.35E-04	1.37E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Arsenic Compounds	3.21E-05	3.44E-05	4.16E-05	5.90E-05	6.60E-05	8.63E-05	1.18E-04	1.22E-04	0.00E+00	1.52E-06	6.44E-05	1.23E-07	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Benzene	9.45E-01	1.04E+00	1.14E+00	1.31E+00	1.43E+00	1.71E+00	1.96E+00	2.06E+00	0.00E+00	3.59E-02	4.26E-01	4.90E-01	4.80E-01
Puerto Rico	Yauco Municipio	72153	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
Puerto Rico	Yauco Municipio	72153	U	Beryllium Compounds	1.96E-07	2.11E-07	2.14E-07	2.73E-07	2.72E-07	3.07E-07	3.30E-07	3.50E-07	0.00E+00	2.70E-07	0.00E+00	1.95E-09	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	1,3-Butadiene	2.39E-02	2.84E-02	3.20E-02	5.91E-02	6.50E-02	9.08E-02	1.21E-01	1.23E-01	0.00E+00	3.18E-03	3.01E-02	3.17E-02	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Cadmium Compounds	4.84E-07	5.19E-07	5.22E-07	6.59E-07	6.66E-07	7.60E-07	8.20E-07	8.56E-07	0.00E+00	6.39E-07	0.00E+00	2.71E-08	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Carbon Disulfide	4.81E-02	4.82E-02	4.82E-02	4.85E-02	4.86E-02	4.88E-02	4.89E-02	4.90E-02	0.00E+00	1.55E-03	0.00E+00	0.00E+00	4.70E-02
Puerto Rico	Yauco Municipio	72153	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	0.00E+00	3.31E-04	0.00E+00	0.00E+00	8.80E-01
Puerto Rico	Yauco Municipio	72153	U	Chloroform	8.45E-02	8.50E-02	8.51E-02	8.53E-02	8.53E-02	8.56E-02	8.57E-02	8.57E-02	0.00E+00	2.30E-03	0.00E+00	0.00E+00	8.30E-02
Puerto Rico	Yauco Municipio	72153	U	Chromium Compounds (includes Hexavalent)	2.29E-04	3.13E-04	3.15E-04	3.41E-04	3.53E-04	4.01E-04	4.45E-04	4.52E-04	0.00E+00	2.13E-04	6.87E-05	7.06E-05	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Chromium VI	1.78E-04	2.16E-04	2.17E-04	2.65E-04	2.60E-04	2.92E-04	2.95E-04	3.09E-04	0.00E+00	2.09E-04	2.75E-05	2.40E-05	0.00E+00
Puerto Rico	Yauco Municipio	72153	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
Puerto Rico	Yauco Municipio	72153	U	1,4-Dichlorobenzene	1.93E-02	2.34E-02	2.36E-02	3.59E-02	4.35E-02	5.91E-02	7.19E-02	8.06E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	1,3-Dichloropropene	3.55E-02	4.22E-02	4.23E-02	6.65E-02	8.14E-02	1.11E-01	1.36E-01	1.53E-01	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	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	0.00E+00	8.68E-08	0.00E+00	0.00E+00	7.70E-03
Puerto Rico	Yauco Municipio	72153	U	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	0.00E+00	9.66E-06	0.00E+00	0.00E+00	6.10E-02
Puerto Rico	Yauco Municipio	72153	U	Ethylene Oxide	1.01E-03	1.01E-03	1.29E-03	1.59E-03	7.02E-03	1.74E-03	3.00E-03	6.14E-02	0.00E+00	7.02E-03	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Formaldehyde	6.84E-01	7.53E-01	8.44E-01	1.03E+00	1.09E+00	1.32E+00	1.57E+00	1.66E+00	8.78E-05	5.57E-02	2.97E-01	4.87E-01	2.50E-01
Puerto Rico	Yauco Municipio	72153	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.65E-09	0.00E+00	0.00E+00	9.30E-05
Puerto Rico	Yauco Municipio	72153	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	2.01E-07	0.00E+00	0.00E+00	1.80E-03
Puerto Rico	Yauco Municipio	72153	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
Puerto Rico	Yauco Municipio	72153	U	Hydrazine	9.25E-09	1.05E-08	1.28E-08	1.63E-08	1.60E-08	1.76E-08	2.13E-08	2.31E-08	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Lead Compounds	9.06E-05	1.20E-04	1.22E-04	1.37E-04	1.37E-04	1.58E-04	1.64E-04	1.67E-04	0.00E+00	6.69E-05	6.99E-05	5.74E-07	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Manganese Compounds	3.05E-03	3.99E-03	5.15E-03	8.65E-03	7.65E-03	9.47E-03	9.96E-03	1.16E-02	0.00E+00	7.54E-03	2.19E-05	7.91E-05	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.58E-03	1.58E-03	1.61E-03	1.62E-03	1.64E-03	0.00E+00	4.25E-06	5.22E-05	2.05E-05	1.50E-03
Puerto Rico	Yauco Municipio	72153	U	Methylene Chloride	2.45E-01	2.95E-01	3.01E-01	3.20E-01	3.51E-01	3.89E-01	4.85E-01	5.43E-01	4.83E-02	1.53E-01	0.00E+00	0.00E+00	1.50E-01
Puerto Rico	Yauco Municipio	72153	U	Nickel Compounds	2.10E-03	2.96E-03	3.25E-03	4.72E-03	4.39E-03	5.30E-03	5.37E-03	5.76E-03	4.23E-03	7.54E-05	5.04E-05	3.90E-05	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Perchloroethylene	1.89E-01	1.98E-01	1.99E-01	2.11E-01	2.10E-01	2.19E-01	2.24E-01	2.25E-01	0.00E+00	6.99E-02	0.00E+00	0.00E+00	1.40E-01
Puerto Rico	Yauco Municipio	72153	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Puerto Rico	Yauco Municipio	72153	U	Polycyclic Organic Matter	1.76E-02	1.93E-02	2.01E-02	3.54E-02	3.31E-02	3.95E-02	5.39E-02	5.41E-02	0.00E+00	2.43E-02	8.60E-03	1.95E-04	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	7-PAH	2.75E-04	2.91E-04	2.92E-04	3.67E-04	3.58E-04	4.29E-04	4.32E-04	4.50E-04	0.00E+00	2.38E-04	3.52E-05	8.42E-05	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Propylene Dichloride	2.93E-06	3.24E-06	3.28E-06	4.08E-06	4.14E-06	4.72E-06	5.20E-06	5.25E-06	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Quinoline	7.18E-08	8.22E-08	8.39E-08	1.03E-07	1.05E-07	1.22E-07	1.32E-07	1.34E-07	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	1,1,2,2-Tetrachloroethane	3.48E-07	3.81E-07	3.85E-07	4.82E-07	4.88E-07	5.56E-07	6.09E-07	6.20E-07	0.00E+00	4.88E-07	0.00E+00	0.00E+00	0.00E+00
Puerto Rico	Yauco Municipio	72153	U	Trichloroethylene	9.69E-02	9.72E-02	9.76E-02	1.03E-01	1.03E-01	1.05E-01	1.07E-01	1.09E-01	0.00E+00	2.17E-02	0.00E+00	0.00E+00	8.10E-02
Puerto Rico	Yauco Municipio	72153	U	Vinyl Chloride	3.47E-06	3.94E-06	3.99E-06	4.90E-06	4.99E-06	5.73E-06	6.30E-06	6.35E-06	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00