

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Arizona: 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.

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

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
Arizona	Statewide	N/A	N/A	Acetaldehyde	3.67E-02	7.53E-02	2.63E-01	6.66E-01	9.92E-01	1.27E+00	2.22E+00	3.21E+00	2.21E-04	1.92E-01	5.65E-01	2.34E-01	0.00E+00
Arizona	Statewide	N/A	N/A	Acrolein	9.74E-03	1.81E-02	4.22E-02	7.01E-02	9.35E-02	1.16E-01	1.87E-01	2.54E-01	3.39E-06	2.55E-02	4.24E-02	2.55E-02	0.00E+00
Arizona	Statewide	N/A	N/A	Acrylonitrile	5.95E-06	3.01E-05	1.94E-04	5.22E-04	1.40E-03	1.47E-03	3.01E-03	4.67E-03	9.19E-04	4.85E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Statewide	N/A	N/A	Arsenic Compounds	2.73E-06	8.16E-06	3.33E-05	6.93E-05	1.75E-04	1.26E-04	2.28E-04	3.54E-04	5.30E-06	9.28E-05	5.77E-05	1.95E-05	0.00E+00
Arizona	Statewide	N/A	N/A	Benzene	5.20E-01	5.63E-01	7.25E-01	9.57E-01	1.22E+00	1.42E+00	2.20E+00	2.81E+00	2.81E-03	8.24E-02	5.43E-01	1.16E-01	4.80E-01
Arizona	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
Arizona	Statewide	N/A	N/A	Beryllium Compounds	8.88E-08	4.31E-07	1.78E-06	4.41E-06	6.40E-06	8.22E-06	1.49E-05	1.92E-05	8.78E-07	5.03E-06	0.00E+00	4.93E-07	0.00E+00
Arizona	Statewide	N/A	N/A	1,3-Butadiene	3.10E-03	5.72E-03	1.45E-02	2.81E-02	5.43E-02	5.55E-02	1.24E-01	2.04E-01	1.92E-07	2.93E-03	3.75E-02	1.39E-02	0.00E+00
Arizona	Statewide	N/A	N/A	Cadmium Compounds	1.92E-07	8.85E-07	4.89E-06	1.28E-05	3.17E-05	2.96E-05	6.30E-05	9.47E-05	3.47E-06	2.77E-05	1.41E-08	5.16E-07	0.00E+00
Arizona	Statewide	N/A	N/A	Carbon Disulfide	4.70E-02	4.71E-02	4.77E-02	4.88E-02	5.05E-02	5.03E-02	5.46E-02	5.99E-02	1.24E-04	3.35E-03	0.00E+00	0.00E+00	4.70E-02
Arizona	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.82E-01	5.45E-06	4.99E-04	0.00E+00	0.00E+00	8.80E-01
Arizona	Statewide	N/A	N/A	Chloroform	8.33E-02	8.42E-02	9.69E-02	1.25E-01	1.24E-01	1.43E-01	1.61E-01	1.75E-01	2.92E-05	4.11E-02	0.00E+00	0.00E+00	8.30E-02
Arizona	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	1.89E-06	8.17E-06	4.46E-05	1.39E-04	2.83E-04	2.66E-04	6.34E-04	1.04E-03	9.07E-05	1.35E-04	5.39E-05	3.56E-06	0.00E+00
Arizona	Statewide	N/A	N/A	Chromium VI	6.98E-07	2.88E-06	1.58E-05	6.58E-05	1.26E-04	1.16E-04	2.88E-04	4.27E-04	6.50E-05	3.84E-05	2.15E-05	1.21E-06	0.00E+00
Arizona	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
Arizona	Statewide	N/A	N/A	1,4-Dichlorobenzene	4.62E-04	1.97E-03	1.69E-02	4.22E-02	4.30E-02	6.20E-02	8.30E-02	9.88E-02	8.45E-05	4.29E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	Statewide	N/A	N/A	1,3-Dichloropropene	7.97E-04	3.86E-03	3.38E-02	8.38E-02	8.58E-02	1.24E-01	1.65E-01	1.99E-01	0.00E+00	8.58E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	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	5.14E-07	4.98E-07	0.00E+00	0.00E+00	7.70E-03
Arizona	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.13E-02	6.13E-02	6.16E-02	6.19E-02	1.12E-04	1.54E-04	0.00E+00	0.00E+00	6.10E-02
Arizona	Statewide	N/A	N/A	Ethylene Oxide	5.73E-06	2.22E-05	1.66E-04	1.09E-03	3.04E-03	3.26E-03	6.04E-03	9.98E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00
Arizona	Statewide	N/A	N/A	Formaldehyde	3.07E-01	3.60E-01	5.03E-01	7.46E-01	9.83E-01	1.18E+00	1.79E+00	2.48E+00	4.67E-04	1.22E-01	3.43E-01	2.67E-01	2.50E-01
Arizona	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	0.00E+00	8.74E-08	0.00E+00	0.00E+00	9.30E-05
Arizona	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	2.80E-07	0.00E+00	0.00E+00	1.80E-03
Arizona	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
Arizona	Statewide	N/A	N/A	Hydrazine	0.00E+00	3.64E-11	2.14E-09	1.69E-08	8.15E-08	6.45E-08	1.86E-07	3.92E-07	0.00E+00	8.15E-08	0.00E+00	0.00E+00	0.00E+00
Arizona	Statewide	N/A	N/A	Lead Compounds	1.37E-05	9.07E-05	7.14E-04	3.00E-03	3.77E-03	4.87E-03	7.00E-03	1.01E-02	7.03E-05	5.11E-04	7.25E-09	3.19E-03	0.00E+00
Arizona	Statewide	N/A	N/A	Manganese Compounds	1.07E-06	5.77E-06	3.46E-05	9.50E-05	2.56E-04	1.54E-04	3.00E-04	9.89E-04	2.78E-05	2.08E-04	1.74E-05	2.78E-06	0.00E+00
Arizona	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.51E-03	1.53E-03	1.56E-03	1.63E-03	1.64E-03	1.76E-03	1.92E-03	6.30E-07	5.64E-05	5.28E-05	1.56E-05	1.50E-03
Arizona	Statewide	N/A	N/A	Methylene Chloride	1.52E-01	1.57E-01	1.90E-01	2.47E-01	2.84E-01	3.12E-01	4.16E-01	5.09E-01	3.18E-02	1.02E-01	0.00E+00	0.00E+00	1.50E-01
Arizona	Statewide	N/A	N/A	Nickel Compounds	2.27E-06	1.35E-05	8.35E-05	1.83E-04	4.68E-04	3.84E-04	8.27E-04	1.19E-03	1.22E-05	4.12E-04	3.98E-05	4.27E-06	0.00E+00
Arizona	Statewide	N/A	N/A	Perchloroethylene	1.41E-01	1.42E-01	1.54E-01	2.04E-01	2.18E-01	2.64E-01	3.00E-01	3.23E-01	1.24E-02	6.60E-02	0.00E+00	0.00E+00	1.40E-01
Arizona	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.89E-04	3.86E-04	3.96E-04	4.27E-04	0.00E+00	8.67E-06	0.00E+00	0.00E+00	3.80E-04
Arizona	Statewide	N/A	N/A	Polycyclic Organic Matter	2.25E-03	5.15E-03	2.14E-02	4.62E-02	5.40E-02	7.43E-02	1.10E-01	1.40E-01	1.88E-05	3.26E-02	1.53E-02	6.11E-03	0.00E+00
Arizona	Statewide	N/A	N/A	7-PAH	2.28E-04	3.06E-04	5.73E-04	8.28E-04	1.02E-03	1.33E-03	1.89E-03	2.21E-03	7.14E-07	8.90E-04	9.42E-05	3.30E-05	0.00E+00
Arizona	Statewide	N/A	N/A	Propylene Dichloride	1.78E-07	1.10E-06	1.37E-05	7.31E-05	1.61E-04	2.34E-04	3.86E-04	5.04E-04	5.56E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Statewide	N/A	N/A	Quinoline	0.00E+00	8.38E-10	1.71E-08	1.82E-07	4.23E-07	4.68E-07	1.06E-06	1.77E-06	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00
Arizona	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	2.77E-08	9.55E-07	7.89E-05	2.26E-04	6.63E-04	6.94E-04	1.46E-03	2.21E-03	5.10E-04	1.53E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Statewide	N/A	N/A	Trichloroethylene	8.11E-02	8.16E-02	8.52E-02	9.64E-02	1.05E-01	1.14E-01	1.41E-01	1.62E-01	1.00E-03	2.30E-02	0.00E+00	0.00E+00	8.10E-02
Arizona	Statewide	N/A	N/A	Vinyl Chloride	3.04E-07	8.91E-06	2.12E-04	5.75E-04	1.71E-03	1.91E-03	3.80E-03	5.57E-03	1.25E-03	4.59E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	Acetaldehyde	6.39E-02	1.36E-01	3.28E-01	7.27E-01	1.05E+00	1.36E+00	2.27E+00	3.39E+00	1.82E-04	2.04E-01	6.01E-01	2.49E-01	0.00E+00
Arizona	All Urban Counties	N/A	U	Acrolein	1.48E-02	2.51E-02	4.79E-02	7.27E-02	9.85E-02	1.19E-01	1.90E-01	2.62E-01	2.79E-06	2.62E-02	4.51E-02	2.71E-02	0.00E+00
Arizona	All Urban Counties	N/A	U	Acrylonitrile	2.17E-05	7.02E-05	2.48E-04	5.88E-04	1.49E-03	1.55E-03	3.13E-03	4.81E-03	9.80E-04	5.14E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	Arsenic Compounds	5.28E-06	1.58E-05	3.96E-05	7.37E-05	1.35E-04	1.32E-04	2.28E-04	3.35E-04	5.44E-06	4.75E-05	6.13E-05	2.07E-05	0.00E+00
Arizona	All Urban Counties	N/A	U	Benzene	5.50E-01	6.17E-01	7.73E-01	9.90E-01	1.27E+00	1.45E+00	2.26E+00	2.93E+00	2.99E-03	8.53E-02	5.78E-01	1.23E-01	4.80E-01
Arizona	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
Arizona	All Urban Counties	N/A	U	Beryllium Compounds	3.81E-07	7.15E-07	2.15E-06	4.73E-06	6.76E-06	8.52E-06	1.54E-05	1.96E-05	8.98E-07	5.35E-06	0.00E+00	5.08E-07	0.00E+00
Arizona	All Urban Counties	N/A	U	1,3-Butadiene	4.51E-03	7.67E-03	1.67E-02	3.00E-02	5.74E-02	5.72E-02	1.34E-01	2.17E-01	2.05E-07	2.85E-03	3.98E-02	1.47E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Arizona

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
Arizona	All Urban Counties	N/A	U	Cadmium Compounds	6.09E-07	1.51E-06	5.96E-06	1.37E-05	2.94E-05	3.00E-05	6.30E-05	9.25E-05	3.58E-06	2.53E-05	1.37E-08	5.25E-07	0.00E+00
Arizona	All Urban Counties	N/A	U	Carbon Disulfide	4.71E-02	4.73E-02	4.80E-02	4.89E-02	5.07E-02	5.05E-02	5.53E-02	6.01E-02	1.30E-04	3.57E-03	0.00E+00	0.00E+00	4.70E-02
Arizona	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.82E-01	1.80E-06	5.30E-04	0.00E+00	0.00E+00	8.80E-01
Arizona	All Urban Counties	N/A	U	Chloroform	8.39E-02	8.63E-02	1.03E-01	1.27E-01	1.27E-01	1.44E-01	1.62E-01	1.78E-01	1.05E-05	4.38E-02	0.00E+00	0.00E+00	8.30E-02
Arizona	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	5.64E-06	1.50E-05	5.63E-05	1.47E-04	2.90E-04	2.69E-04	6.39E-04	1.09E-03	9.51E-05	1.34E-04	5.73E-05	3.55E-06	0.00E+00
Arizona	All Urban Counties	N/A	U	Chromium VI	1.83E-06	5.63E-06	2.15E-05	7.00E-05	1.33E-04	1.23E-04	3.01E-04	4.38E-04	6.88E-05	4.04E-05	2.29E-05	1.21E-06	0.00E+00
Arizona	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
Arizona	All Urban Counties	N/A	U	1,4-Dichlorobenzene	1.34E-03	5.26E-03	2.30E-02	4.46E-02	4.57E-02	6.31E-02	8.34E-02	1.01E-01	9.01E-05	4.56E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	1,3-Dichloropropene	2.64E-03	1.04E-02	4.61E-02	8.90E-02	9.13E-02	1.26E-01	1.69E-01	2.02E-01	0.00E+00	9.13E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	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	5.48E-07	5.31E-07	0.00E+00	0.00E+00	7.70E-03
Arizona	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.13E-02	6.13E-02	6.17E-02	6.20E-02	1.19E-04	1.64E-04	0.00E+00	0.00E+00	6.10E-02
Arizona	All Urban Counties	N/A	U	Ethylene Oxide	1.77E-05	5.22E-05	2.48E-04	1.22E-03	3.23E-03	3.50E-03	6.29E-03	1.11E-02	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	Formaldehyde	3.38E-01	4.03E-01	5.61E-01	7.74E-01	1.03E+00	1.21E+00	1.81E+00	2.62E+00	4.62E-04	1.25E-01	3.65E-01	2.84E-01	2.50E-01
Arizona	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	0.00E+00	8.59E-08	0.00E+00	0.00E+00	9.30E-05
Arizona	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	2.98E-07	0.00E+00	0.00E+00	1.80E-03
Arizona	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
Arizona	All Urban Counties	N/A	U	Hydrazine	4.76E-11	2.76E-10	3.35E-09	1.86E-08	8.69E-08	7.22E-08	2.01E-07	4.13E-07	0.00E+00	8.69E-08	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	Lead Compounds	5.33E-05	2.13E-04	9.67E-04	3.22E-03	3.93E-03	4.96E-03	7.08E-03	1.02E-02	7.26E-05	4.60E-04	7.08E-09	3.40E-03	0.00E+00
Arizona	All Urban Counties	N/A	U	Manganese Compounds	3.32E-06	9.91E-06	4.34E-05	1.01E-04	2.60E-04	1.55E-04	2.93E-04	9.69E-04	2.84E-05	2.10E-04	1.85E-05	2.77E-06	0.00E+00
Arizona	All Urban Counties	N/A	U	Mercury Compounds	1.51E-03	1.52E-03	1.54E-03	1.57E-03	1.63E-03	1.64E-03	1.77E-03	1.95E-03	6.53E-07	6.00E-05	5.61E-05	1.65E-05	1.50E-03
Arizona	All Urban Counties	N/A	U	Methylene Chloride	1.56E-01	1.66E-01	2.04E-01	2.53E-01	2.92E-01	3.17E-01	4.24E-01	5.16E-01	3.39E-02	1.09E-01	0.00E+00	0.00E+00	1.50E-01
Arizona	All Urban Counties	N/A	U	Nickel Compounds	8.50E-06	3.30E-05	9.76E-05	1.91E-04	4.88E-04	4.00E-04	8.50E-04	1.19E-03	1.22E-05	4.29E-04	4.23E-05	4.37E-06	0.00E+00
Arizona	All Urban Counties	N/A	U	Perchloroethylene	1.41E-01	1.45E-01	1.62E-01	2.14E-01	2.23E-01	2.67E-01	3.02E-01	3.27E-01	1.32E-02	7.02E-02	0.00E+00	0.00E+00	1.40E-01
Arizona	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.88E-04	3.86E-04	3.95E-04	4.26E-04	0.00E+00	8.36E-06	0.00E+00	0.00E+00	3.80E-04
Arizona	All Urban Counties	N/A	U	Polycyclic Organic Matter	4.27E-03	9.79E-03	2.58E-02	4.89E-02	5.73E-02	7.63E-02	1.13E-01	1.43E-01	1.97E-05	3.45E-02	1.62E-02	6.50E-03	0.00E+00
Arizona	All Urban Counties	N/A	U	7-PAH	2.41E-04	3.27E-04	5.89E-04	8.69E-04	1.04E-03	1.34E-03	1.92E-03	2.28E-03	7.62E-07	9.03E-04	1.00E-04	3.51E-05	0.00E+00
Arizona	All Urban Counties	N/A	U	Propylene Dichloride	5.81E-07	3.05E-06	1.95E-05	8.84E-05	1.71E-04	2.46E-04	3.93E-04	5.11E-04	5.93E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	Quinoline	8.78E-10	3.47E-09	3.79E-08	2.12E-07	4.51E-07	5.03E-07	1.13E-06	1.83E-06	0.00E+00	4.51E-07	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	2.38E-07	6.87E-06	9.74E-05	2.47E-04	7.06E-04	1.52E-03	2.29E-03	5.44E-04	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	All Urban Counties	N/A	U	Trichloroethylene	8.15E-02	8.23E-02	8.66E-02	9.82E-02	1.07E-01	1.16E-01	1.44E-01	1.65E-01	1.07E-03	2.45E-02	0.00E+00	0.00E+00	8.10E-02
Arizona	All Urban Counties	N/A	U	Vinyl Chloride	3.87E-06	3.03E-05	2.59E-04	6.19E-04	1.83E-03	1.99E-03	3.97E-03	5.75E-03	1.34E-03	4.87E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	All Rural Counties	N/A	R	Acetaldehyde	1.08E-02	1.45E-02	2.51E-02	5.02E-02	5.87E-02	8.16E-02	1.28E-01	1.35E-01	8.00E-04	2.51E-02	2.78E-02	5.05E-03	0.00E+00
Arizona	All Rural Counties	N/A	R	Acrolein	2.21E-03	3.52E-03	9.19E-03	1.36E-02	1.76E-02	2.41E-02	3.59E-02	4.09E-02	1.24E-05	1.45E-02	1.80E-03	1.26E-03	0.00E+00
Arizona	All Rural Counties	N/A	R	Acrylonitrile	2.16E-07	2.44E-07	1.85E-06	9.05E-06	3.86E-05	3.05E-05	1.23E-04	1.51E-04	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	All Rural Counties	N/A	R	Arsenic Compounds	4.81E-07	6.38E-07	1.03E-06	3.44E-06	7.82E-04	1.90E-05	4.67E-04	2.28E-03	3.25E-06	7.74E-04	3.12E-06	1.21E-06	0.00E+00
Arizona	All Rural Counties	N/A	R	Benzene	4.94E-01	4.96E-01	5.07E-01	5.31E-01	5.53E-01	5.72E-01	6.47E-01	7.16E-01	5.31E-05	3.78E-02	2.39E-02	1.08E-02	4.80E-01
Arizona	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
Arizona	All Rural Counties	N/A	R	Beryllium Compounds	2.50E-09	4.10E-09	1.07E-08	1.21E-07	9.51E-07	6.60E-07	3.88E-06	5.43E-06	5.81E-07	1.09E-07	0.00E+00	2.61E-07	0.00E+00
Arizona	All Rural Counties	N/A	R	1,3-Butadiene	6.53E-04	1.29E-03	2.68E-03	5.12E-03	7.15E-03	9.29E-03	1.59E-02	2.05E-02	0.00E+00	4.10E-03	1.99E-03	1.06E-03	0.00E+00
Arizona	All Rural Counties	N/A	R	Cadmium Compounds	1.88E-08	2.56E-08	5.54E-08	2.88E-07	6.60E-05	3.05E-06	1.52E-04	3.57E-04	1.82E-06	6.38E-05	1.93E-08	3.81E-07	0.00E+00
Arizona	All Rural Counties	N/A	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.71E-02	4.75E-02	4.75E-02	4.27E-05	1.08E-04	0.00E+00	0.00E+00	4.70E-02
Arizona	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	8.80E-01	8.80E-01	6.04E-05	2.76E-05	0.00E+00	0.00E+00	8.80E-01
Arizona	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.31E-02	8.31E-02	8.33E-02	8.45E-02	8.43E-02	8.80E-02	9.22E-02	3.11E-04	1.18E-03	0.00E+00	0.00E+00	8.30E-02
Arizona	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	3.32E-07	4.89E-07	6.51E-07	2.29E-06	1.76E-04	2.39E-05	3.50E-04	8.36E-04	2.43E-05	1.46E-04	2.32E-06	3.60E-06	0.00E+00
Arizona	All Rural Counties	N/A	R	Chromium VI	1.27E-07	1.58E-07	2.57E-07	9.42E-07	1.85E-05	4.78E-06	7.00E-05	1.29E-04	6.72E-06	9.68E-06	9.19E-07	1.22E-06	0.00E+00
Arizona	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
Arizona	All Rural Counties	N/A	R	1,4-Dichlorobenzene	1.29E-04	1.95E-04	3.17E-04	5.54E-04	1.82E-03	1.55E-03	4.59E-03	9.30E-03	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00
Arizona	All Rural Counties	N/A	R	1,3-Dichloropropene	2.44E-04	3.56E-04	6.30E-04	1.10E-03	3.67E-03	3.11E-03	9.31E-03	1.79E-02	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00
Arizona	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	1.54E-08	0.00E+00	0.00E+00	7.70E-03
Arizona	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	5.57E-06	3.39E-06	0.00E+00	0.00E+00	6.10E-02
Arizona	All Rural Counties	N/A	R	Ethylene Oxide	1.40E-07	2.82E-07	2.70E-06	1.06E-05	4.26E-05	4.00E-05	1.31E-04	1.84E-04	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	All Rural Counties	N/A	R	Formaldehyde	2.66E-01	2.74E-01	2.97E-01	3.29E-01	3.43E-01	3.84E-01	4.44E-01	4.66E-01	5.37E-04	6.69E-02	1.49E-02	1.04E-02	2.50E-01
Arizona	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.33E-05	9.34E-05	0.00E+00	1.10E-07	0.00E+00	0.00E+00	9.30E-05
Arizona	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	1.61E-08	0.00E+00	0.00E+00	1.80E-03
Arizona	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
Arizona	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-10	1.20E-12	1.84E-10	4.91E-10	0.00E+00	3.33E-10	0.00E+00	0.00E+00
Arizona	All Rural Counties	N/A	R	Lead Compounds	1.90E-07	3.41E-07	1.86E-06	3.75E-05	1.43E-03	1.97E-04	2.22E-03	4.94E-03	3.66E-05	1.29E-03	9.86E-09	1.08E-04	0.00E+00
Arizona	All Rural Counties	N/A	R	Manganese Compounds													

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Estimated Annual Average Ambient Concentrations µg/m3 for Arizona																	
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
Arizona	Cochise County	04003	U	Ethylene Oxide	5.73E-06	5.79E-06	1.02E-05	3.22E-05	1.78E-04	1.29E-04	8.31E-04	9.04E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Cochise County	04003	U	Formaldehyde	2.99E-01	3.01E-01	3.48E-01	3.69E-01	3.69E-01	3.91E-01	4.42E-01	4.42E-01	2.57E-06	8.35E-02	2.23E-02	1.32E-02	2.50E-01
Arizona	Cochise County	04003	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.36E-05	0.00E+00	2.04E-07	0.00E+00	0.00E+00	9.30E-05
Arizona	Cochise County	04003	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	4.52E-08	0.00E+00	0.00E+00	1.80E-03
Arizona	Cochise County	04003	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
Arizona	Cochise County	04003	U	Hydrazine	1.23E-11	2.10E-11	1.76E-10	1.20E-09	8.75E-09	2.24E-09	1.19E-08	6.45E-08	0.00E+00	8.75E-09	0.00E+00	0.00E+00	0.00E+00
Arizona	Cochise County	04003	U	Lead Compounds	4.63E-06	5.49E-06	1.50E-05	4.06E-05	7.38E-05	1.23E-04	1.71E-04	2.26E-04	3.99E-07	2.98E-05	0.00E+00	4.36E-05	0.00E+00
Arizona	Cochise County	04003	U	Manganese Compounds	4.24E-07	4.26E-07	1.19E-06	2.30E-06	1.77E-05	7.48E-06	1.19E-05	2.45E-05	1.49E-05	1.60E-06	1.00E-06	1.84E-07	0.00E+00
Arizona	Cochise County	04003	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	3.08E-07	1.79E-06	3.84E-06	1.19E-06	1.50E-03
Arizona	Cochise County	04003	U	Methylene Chloride	1.52E-01	1.53E-01	1.54E-01	1.60E-01	1.75E-01	1.76E-01	2.25E-01	2.40E-01	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.50E-01
Arizona	Cochise County	04003	U	Nickel Compounds	1.56E-06	1.57E-06	3.17E-06	6.92E-06	1.62E-05	2.06E-05	3.85E-05	4.73E-05	0.00E+00	1.36E-05	2.34E-06	3.50E-07	0.00E+00
Arizona	Cochise County	04003	U	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.45E-01	1.45E-01	1.53E-01	1.55E-01	0.00E+00	4.64E-03	0.00E+00	0.00E+00	1.40E-01
Arizona	Cochise County	04003	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.82E-04	3.92E-04	4.06E-04	4.18E-04	4.48E-04	4.57E-04	0.00E+00	2.58E-05	0.00E+00	0.00E+00	3.80E-04
Arizona	Cochise County	04003	U	Polycyclic Organic Matter	1.77E-03	2.17E-03	2.93E-03	5.09E-03	8.41E-03	1.07E-02	1.93E-02	2.03E-02	8.79E-09	7.15E-03	1.01E-03	2.51E-04	0.00E+00
Arizona	Cochise County	04003	U	7-PAH	2.34E-04	3.18E-04	6.35E-04	9.06E-04	8.32E-04	1.05E-03	1.14E-03	1.19E-03	0.00E+00	8.17E-04	5.72E-06	8.85E-06	0.00E+00
Arizona	Cochise County	04003	U	Propylene Dichloride	2.49E-07	2.66E-07	3.82E-07	1.15E-06	4.74E-06	4.15E-06	7.04E-06	2.38E-05	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00
Arizona	Cochise County	04003	U	Quinoline	5.48E-10	6.09E-10	4.23E-09	7.75E-09	2.62E-08	1.15E-08	4.66E-08	1.64E-07	0.00E+00	2.62E-08	0.00E+00	0.00E+00	0.00E+00
Arizona	Cochise County	04003	U	1,1,2,2-Tetrachloroethane	2.91E-08	3.90E-08	1.42E-07	3.99E-06	3.46E-05	9.93E-06	5.19E-05	2.11E-04	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Cochise County	04003	U	Trichloroethylene	8.11E-02	8.12E-02	8.13E-02	8.16E-02	8.26E-02	8.22E-02	8.54E-02	8.79E-02	0.00E+00	1.58E-03	0.00E+00	0.00E+00	8.10E-02
Arizona	Cochise County	04003	U	Vinyl Chloride	3.21E-07	3.95E-07	9.67E-07	9.90E-06	8.61E-05	3.01E-05	1.28E-04	5.22E-04	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Coconino County	04005	U	Acetaldehyde	7.63E-03	9.77E-03	4.84E-02	3.00E-01	4.32E-01	5.81E-01	1.30E+00	1.87E+00	0.00E+00	5.11E-02	3.51E-01	2.97E-02	0.00E+00
Arizona	Coconino County	04005	U	Acrolein	1.18E-03	1.41E-03	1.46E-02	9.00E-02	8.00E-02	1.23E-01	1.39E-01	1.87E-01	0.00E+00	5.34E-02	2.39E-02	2.64E-03	0.00E+00
Arizona	Coconino County	04005	U	Acrylonitrile	1.58E-07	2.10E-07	3.81E-06	5.19E-05	2.46E-04	1.68E-04	3.02E-04	6.55E-04	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Coconino County	04005	U	Arsenic Compounds	4.50E-07	6.24E-07	2.86E-06	1.91E-05	4.80E-05	5.43E-05	1.35E-04	2.26E-04	0.00E+00	3.84E-06	3.70E-05	7.17E-06	0.00E+00
Arizona	Coconino County	04005	U	Benzene	4.92E-01	4.94E-01	5.64E-01	8.38E-01	1.03E+00	1.19E+00	1.84E+00	2.68E+00	0.00E+00	1.65E-01	3.53E-01	3.58E-02	4.80E-01
Arizona	Coconino County	04005	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
Arizona	Coconino County	04005	U	Beryllium Compounds	1.19E-08	5.24E-08	2.49E-07	1.62E-06	3.05E-06	4.52E-06	6.28E-06	1.12E-05	1.14E-07	1.51E-06	0.00E+00	1.43E-06	0.00E+00
Arizona	Coconino County	04005	U	1,3-Butadiene	4.96E-04	6.26E-04	9.32E-03	3.43E-02	4.79E-02	5.69E-02	1.32E-01	2.17E-01	0.00E+00	1.43E-02	3.05E-02	3.10E-03	0.00E+00
Arizona	Coconino County	04005	U	Cadmium Compounds	2.48E-08	4.47E-08	2.59E-07	1.66E-06	3.64E-06	5.67E-06	1.34E-06	1.34E-05	0.00E+00	2.22E-06	0.00E+00	1.43E-06	0.00E+00
Arizona	Coconino County	04005	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.73E-02	4.79E-02	4.87E-02	5.01E-02	5.01E-02	0.00E+00	9.26E-04	0.00E+00	0.00E+00	4.70E-02
Arizona	Coconino County	04005	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	2.21E-04	0.00E+00	0.00E+00	8.80E-01
Arizona	Coconino County	04005	U	Chloroform	8.32E-02	8.32E-02	8.34E-02	9.15E-02	9.66E-02	1.07E-01	1.29E-01	1.31E-01	0.00E+00	1.36E-02	0.00E+00	0.00E+00	8.30E-02
Arizona	Coconino County	04005	U	Chromium Compounds (includes Hexavalent)	4.34E-07	4.91E-07	1.64E-06	2.20E-05	3.70E-05	3.81E-05	1.05E-04	1.80E-04	1.31E-06	3.12E-06	3.18E-05	7.43E-07	0.00E+00
Arizona	Coconino County	04005	U	Chromium VI	1.72E-07	1.94E-07	6.68E-07	5.41E-06	1.48E-05	1.58E-05	4.25E-05	7.30E-05	1.44E-07	1.74E-06	1.27E-05	2.53E-07	0.00E+00
Arizona	Coconino County	04005	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
Arizona	Coconino County	04005	U	1,4-Dichlorobenzene	1.05E-04	2.40E-04	5.62E-04	7.98E-03	1.42E-02	2.56E-02	4.89E-02	4.95E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	Coconino County	04005	U	1,3-Dichloropropene	2.07E-04	4.76E-04	7.61E-04	1.60E-02	2.87E-02	5.18E-02	9.95E-02	1.01E-01	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	Coconino County	04005	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	1.28E-07	0.00E+00	0.00E+00	7.70E-03
Arizona	Coconino County	04005	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	2.30E-05	0.00E+00	0.00E+00	6.10E-02
Arizona	Coconino County	04005	U	Ethylene Oxide	3.39E-07	3.67E-07	1.81E-05	1.42E-04	6.47E-04	7.71E-04	2.20E-03	3.48E-03	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Coconino County	04005	U	Formaldehyde	2.57E-01	2.58E-01	3.51E-01	7.07E-01	7.23E-01	9.35E-01	1.29E+00	1.77E+00	0.00E+00	2.21E-01	2.04E-01	4.79E-02	2.50E-01
Arizona	Coconino County	04005	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.35E-05	9.37E-05	9.46E-05	9.46E-05	0.00E+00	4.78E-07	0.00E+00	0.00E+00	9.30E-05
Arizona	Coconino County	04005	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	1.32E-07	0.00E+00	0.00E+00	1.80E-03
Arizona	Coconino County	04005	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				

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Estimated Annual Average Ambient Concentrations µg/m3 for Arizona																		
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	
Arizona	Gila County	04007	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	0.00E+00
Arizona	Gila County	04007	R	Beryllium Compounds	6.54E-09	9.49E-09	3.22E-08	1.26E-07	1.94E-06	3.27E-06	5.89E-06	8.40E-06	1.71E-06	2.29E-07	0.00E+00	3.79E-09	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	1,3-Butadiene	1.67E-03	3.42E-03	5.12E-03	6.26E-03	9.44E-03	1.39E-02	2.15E-02	2.26E-02	0.00E+00	6.09E-03	2.63E-03	7.16E-04	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Cadmium Compounds	2.61E-08	5.17E-08	1.15E-07	3.29E-05	2.92E-04	3.57E-04	8.48E-04	1.88E-03	7.27E-06	2.85E-04	0.00E+00	3.74E-09	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.75E-02	4.77E-02	0.00E+00	1.32E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Arizona	Gila County	04007	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	3.05E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Arizona	Gila County	04007	R	Chloroform	8.31E-02	8.32E-02	8.35E-02	8.41E-02	8.55E-02	8.61E-02	9.19E-02	9.35E-02	0.00E+00	2.50E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Arizona	Gila County	04007	R	Chromium Compounds (includes Hexavalent)	3.32E-07	6.21E-07	1.40E-06	5.98E-05	6.74E-04	8.36E-04	1.95E-03	4.93E-03	7.96E-05	5.91E-04	2.95E-06	1.14E-07	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Chromium VI	1.32E-07	2.49E-07	5.66E-07	2.57E-06	4.64E-05	7.00E-05	1.44E-04	2.26E-04	2.71E-05	1.81E-05	1.17E-06	3.87E-08	0.00E+00	0.00E+00
Arizona	Gila County	04007	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	0.00E+00
Arizona	Gila County	04007	R	1,4-Dichlorobenzene	1.30E-04	1.95E-04	4.87E-04	9.38E-04	2.33E-03	2.81E-03	8.23E-03	1.01E-02	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	1,3-Dichloropropene	2.00E-04	3.86E-04	9.53E-04	1.87E-03	4.72E-03	5.70E-03	1.67E-02	2.05E-02	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Gila County	04007	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	2.28E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Arizona	Gila County	04007	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	4.22E-06	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Arizona	Gila County	04007	R	Ethylene Oxide	6.24E-07	1.73E-06	5.34E-06	1.34E-05	4.89E-05	9.62E-05	1.31E-04	2.07E-04	0.00E+00	4.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Formaldehyde	2.91E-01	3.01E-01	3.17E-01	3.49E-01	3.67E-01	4.10E-01	4.66E-01	4.72E-01	7.50E-09	8.94E-02	1.97E-02	8.36E-03	2.50E-01	0.00E+00
Arizona	Gila County	04007	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.36E-05	0.00E+00	1.30E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Arizona	Gila County	04007	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.75E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Arizona	Gila County	04007	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	0.00E+00
Arizona	Gila County	04007	R	Hydrazine	0.00E+00	3.23E-13	2.28E-12	1.64E-10	1.53E-09	4.91E-10	5.93E-09	1.43E-08	0.00E+00	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Lead Compounds	9.27E-07	1.86E-06	1.32E-05	3.42E-04	5.74E-03	4.94E-03	1.83E-02	4.35E-02	1.55E-04	5.58E-03	0.00E+00	1.16E-06	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Manganese Compounds	1.85E-07	4.75E-07	8.57E-07	2.97E-05	5.00E-04	6.66E-04	1.72E-03	2.85E-03	5.52E-05	4.44E-04	9.50E-07	8.32E-08	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.08E-06	3.45E-06	4.72E-06	5.77E-07	1.50E-03	0.00E+00
Arizona	Gila County	04007	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.54E-01	1.60E-01	1.61E-01	1.86E-01	1.98E-01	0.00E+00	9.88E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Arizona	Gila County	04007	R	Nickel Compounds	5.09E-07	1.80E-06	2.79E-06	5.91E-05	6.82E-04	7.85E-04	1.96E-03	5.29E-03	2.31E-05	6.56E-04	2.24E-06	1.41E-07	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.44E-01	1.45E-01	0.00E+00	1.59E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Arizona	Gila County	04007	R	Polychlorinated Biphenyls	3.80E-04	3.81E-04	3.82E-04	3.87E-04	3.96E-04	3.95E-04	4.31E-04	4.62E-04	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Arizona	Gila County	04007	R	Polycyclic Organic Matter	1.27E-03	1.64E-03	2.59E-03	3.53E-03	6.01E-03	1.09E-02	1.32E-02	1.57E-02	3.31E-08	5.05E-03	8.66E-04	8.71E-05	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	7-PAH	3.80E-04	4.87E-04	5.75E-04	7.59E-04	9.51E-04	1.35E-03	1.71E-03	1.78E-03	3.01E-09	9.42E-04	5.74E-06	3.04E-06	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Propylene Dichloride	2.74E-08	3.94E-08	8.72E-08	4.92E-07	2.34E-06	2.29E-06	5.89E-06	1.85E-05	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Quinoline	0.00E+00	1.36E-11	8.13E-11	1.08E-09	5.40E-09	2.57E-09	2.40E-08	4.24E-08	0.00E+00	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	1,1,2,2-Tetrachloroethane	4.29E-09	5.36E-09	1.27E-08	3.31E-06	1.83E-05	1.19E-05	5.23E-05	1.69E-04	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Gila County	04007	R	Trichloroethylene	8.10E-02	8.11E-02	8.12E-02	8.14E-02	8.19E-02	8.18E-02	8.45E-02	8.55E-02	0.00E+00	8.70E-04	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Arizona	Gila County	04007	R	Vinyl Chloride	1.59E-08	3.74E-08	7.65E-08	8.23E-06	4.54E-05	2.93E-05	1.29E-04	4.17E-04	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	Acetaldehyde	2.15E-02	2.15E-02	2.54E-02	5.22E-02	6.30E-02	1.02E-01	1.24E-01	1.24E-01	0.00E+00	2.00E-02	4.07E-02	2.32E-03	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	Acrolein	3.52E-03	3.52E-03	9.89E-03	1.74E-02	1.56E-02	2.13E-02	2.38E-02	2.38E-02	0.00E+00	1.32E-02	2.05E-03	3.36E-04	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	Acrylonitrile	2.16E-07	2.16E-07	2.11E-06	1.40E-05	4.42E-05	8.58E-05	1.50E-04	1.50E-04	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	Arsenic Compounds	4.40E-07	4.40E-07	9.18E-07	2.08E-06	6.28E-06	1.24E-05	1.90E-05	1.90E-05	0.00E+00	4.30E-07	4.92E-06	9.31E-07	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	Benzene	5.01E-01	5.01E-01	5.03E-01	5.31E-01	5.78E-01	6.55E-01	7.43E-01	7.43E-01	0.00E+00	5.22E-02	3.94E-02	6.12E-03	4.80E-01	0.00E+00
Arizona	Graham County	04009	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	0.00E+00
Arizona	Graham County	04009	R	Beryllium Compounds	6.24E-09	6.24E-09	1.27E-08	2.97E-08	1.78E-07	2.27E-07	8.78E-07	8.78E-07	0.00E+00	1.78E-07	0.00E+00	9.65E-11	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	1,3-Butadiene	1.29E-03	1.29E-03	3.23E-03	5.86E-03	8.60E-03	1.44E-02	2.05E-02	2.05E-02	0.00E+00					

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					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Arizona	Graham County	04009	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.45E-01	1.50E-01	1.50E-01	0.00E+00	2.89E-03	0.00E+00	0.00E+00	1.40E-01
Arizona	Graham County	04009	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.86E-04	4.27E-04	4.76E-04	5.51E-04	5.51E-04	0.00E+00	4.71E-05	0.00E+00	0.00E+00	3.80E-04
Arizona	Graham County	04009	R	Polycyclic Organic Matter	1.18E-03	1.18E-03	1.61E-03	2.88E-03	7.94E-03	1.49E-02	2.36E-02	2.36E-02	0.00E+00	6.79E-03	1.07E-03	7.35E-05	0.00E+00
Arizona	Graham County	04009	R	7-PAH	1.36E-04	1.36E-04	3.96E-04	6.95E-04	8.23E-04	1.27E-03	1.72E-03	1.72E-03	0.00E+00	8.14E-04	6.76E-06	1.28E-06	0.00E+00
Arizona	Graham County	04009	R	Propylene Dichloride	6.43E-09	6.43E-09	1.11E-07	5.65E-07	1.91E-06	2.95E-06	8.03E-06	8.03E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-11	0.00E+00	8.19E-11	8.19E-11	0.00E+00	1.02E-11	0.00E+00	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	1,1,2,2-Tetrachloroethane	1.01E-09	1.01E-09	8.61E-07	2.71E-06	1.09E-05	3.74E-06	7.22E-05	7.22E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Graham County	04009	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.12E-02	8.24E-02	8.24E-02	8.93E-02	8.93E-02	0.00E+00	1.44E-03	0.00E+00	0.00E+00	8.10E-02
Arizona	Graham County	04009	R	Vinyl Chloride	3.72E-09	3.72E-09	2.12E-06	6.73E-06	2.69E-05	9.71E-06	1.78E-04	1.78E-04	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Greenlee County	04011	R	Acetaldehyde	6.58E-03	6.58E-03	6.58E-03	1.45E-02	1.49E-02	2.36E-02	2.36E-02	2.36E-02	0.00E+00	8.38E-03	6.04E-03	4.96E-04	0.00E+00
Arizona	Greenlee County	04011	R	Acrolein	8.30E-04	8.30E-04	8.30E-04	1.09E-02	7.73E-03	1.15E-02	1.15E-02	1.15E-02	0.00E+00	7.35E-03	3.12E-04	7.47E-05	0.00E+00
Arizona	Greenlee County	04011	R	Acrylonitrile	1.99E-05	1.99E-05	1.99E-05	2.35E-05	6.49E-05	1.51E-04	1.51E-04	1.51E-04	0.00E+00	6.49E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Greenlee County	04011	R	Arsenic Compounds	3.11E-07	3.11E-07	3.11E-07	5.91E-07	6.78E-07	1.13E-06	1.13E-06	1.13E-06	0.00E+00	2.62E-08	5.30E-07	1.22E-07	0.00E+00
Arizona	Greenlee County	04011	R	Benzene	4.86E-01	4.86E-01	4.86E-01	5.03E-01	5.01E-01	5.15E-01	5.15E-01	5.15E-01	0.00E+00	1.65E-02	3.64E-03	1.28E-03	4.80E-01
Arizona	Greenlee County	04011	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
Arizona	Greenlee County	04011	R	Beryllium Compounds	5.65E-09	5.65E-09	5.65E-09	9.37E-09	2.23E-08	5.19E-08	5.19E-08	5.19E-08	0.00E+00	1.05E-08	0.00E+00	1.18E-08	0.00E+00
Arizona	Greenlee County	04011	R	1,3-Butadiene	4.74E-04	4.74E-04	4.74E-04	3.75E-03	2.86E-03	4.35E-03	4.35E-03	4.35E-03	0.00E+00	2.50E-03	2.72E-04	8.10E-05	0.00E+00
Arizona	Greenlee County	04011	R	Cadmium Compounds	1.49E-08	1.49E-08	1.49E-08	2.31E-08	4.26E-08	8.98E-08	8.98E-08	8.98E-08	0.00E+00	3.08E-08	0.00E+00	1.18E-08	0.00E+00
Arizona	Greenlee County	04011	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	3.04E-05	0.00E+00	0.00E+00	4.70E-02
Arizona	Greenlee County	04011	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.26E-06	0.00E+00	0.00E+00	8.80E-01
Arizona	Greenlee County	04011	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	5.26E-05	0.00E+00	0.00E+00	8.30E-02
Arizona	Greenlee County	04011	R	Chromium Compounds (includes Hexavalent)	5.63E-07	5.63E-07	5.63E-07	3.72E-06	1.73E-05	4.76E-05	4.76E-05	4.76E-05	0.00E+00	1.69E-05	3.39E-07	1.56E-08	0.00E+00
Arizona	Greenlee County	04011	R	Chromium VI	1.27E-07	1.27E-07	1.27E-07	1.77E-07	6.52E-07	1.65E-06	1.65E-06	1.65E-06	0.00E+00	5.18E-07	1.29E-07	5.30E-09	0.00E+00
Arizona	Greenlee County	04011	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
Arizona	Greenlee County	04011	R	1,4-Dichlorobenzene	1.26E-04	1.26E-04	1.26E-04	2.17E-04	3.70E-04	7.66E-04	7.66E-04	7.66E-04	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Greenlee County	04011	R	1,3-Dichloropropene	2.44E-04	2.44E-04	2.44E-04	4.36E-04	7.34E-04	1.52E-03	1.52E-03	1.52E-03	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Greenlee County	04011	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	3.52E-08	0.00E+00	0.00E+00	7.70E-03
Arizona	Greenlee County	04011	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	7.63E-06	0.00E+00	0.00E+00	6.10E-02
Arizona	Greenlee County	04011	R	Ethylene Oxide	2.82E-07	2.82E-07	2.82E-07	4.36E-07	1.47E-06	3.70E-06	3.70E-06	3.70E-06	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
Arizona	Greenlee County	04011	R	Formaldehyde	2.55E-01	2.55E-01	2.55E-01	2.97E-01	2.85E-01	3.02E-01	3.02E-01	3.02E-01	0.00E+00	3.16E-02	2.55E-03	6.97E-04	2.50E-01
Arizona	Greenlee County	04011	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	2.64E-08	0.00E+00	0.00E+00	9.30E-05
Arizona	Greenlee County	04011	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	3.53E-09	0.00E+00	0.00E+00	1.80E-03
Arizona	Greenlee County	04011	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
Arizona	Greenlee County	04011	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-15	2.55E-14	2.55E-14	2.55E-14	0.00E+00	8.49E-15	0.00E+00	0.00E+00	0.00E+00
Arizona	Greenlee County	04011	R	Lead Compounds	7.09E-06	7.09E-06	7.09E-06	9.29E-05	4.37E-04	1.21E-03	1.21E-03	1.21E-03	0.00E+00	4.37E-04	0.00E+00	7.08E-08	0.00E+00
Arizona	Greenlee County	04011	R	Manganese Compounds	2.95E-06	2.95E-06	2.95E-06	3.71E-05	1.80E-04	5.01E-04	5.01E-04	5.01E-04	0.00E+00	1.80E-04	1.02E-07	1.29E-08	0.00E+00
Arizona	Greenlee County	04011	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.02E-07	5.97E-07	1.10E-07	1.50E-03
Arizona	Greenlee County	04011	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.55E-01	1.55E-01	1.55E-01	0.00E+00	2.04E-03	0.00E+00	0.00E+00	1.50E-01
Arizona	Greenlee County	04011	R	Nickel Compounds	3.01E-07	3.01E-07	3.01E-07	4.85E-07	1.94E-06	5.04E-06	5.04E-06	5.04E-06	0.00E+00	1.67E-06	2.51E-07	2.23E-08	0.00E+00
Arizona	Greenlee County	04011	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	2.94E-04	0.00E+00	0.00E+00	1.40E-01
Arizona	Greenlee County	04011	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.83E-04	3.88E-04	3.88E-04	3.88E-04	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.80E-04
Arizona	Greenlee County	04011	R	Polycyclic Organic Matter	5.62E-04	5.62E-04	5.62E-04	1.32E-03	1.42E-03	2.37E-03	2.37E-03	2.37E-03	0.00E+00	1.30E-03	1.02E-04	1.31E-05	0.00E+00
Arizona	Greenlee County	04011	R	7-PAH	4.41E-05	4.41E-05	4.41E-05	4.37E-04	3.26E-04	4.96E-04	4.96E-04	4.96E-04	0.00E+00	3.25E-04	6.10E-07	3.43E-07	0.00E+00
Arizona	Greenlee County	04011	R	Propylene Dichloride	1.20E-06	1.20E-06	1.20E-06	1.41E-06	3.87E-06	9.02E-06	9.02E-06	9.02E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
Arizona	Green																

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Estimated Annual Average Ambient Concentrations µg/m3 for Arizona

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		
Arizona	La Paz County	04012	R	1,3-Dichloropropene	9.76E-05	9.76E-05	3.56E-04	7.33E-04	3.45E-03	8.67E-04	1.79E-02	1.79E-02	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00		
Arizona	La Paz County	04012	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	7.36E-09	0.00E+00	0.00E+00	7.70E-03		
Arizona	La Paz County	04012	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	1.81E-06	0.00E+00	0.00E+00	6.10E-02		
Arizona	La Paz County	04012	R	Ethylene Oxide	3.17E-06	3.17E-06	3.58E-06	6.15E-06	5.69E-05	1.87E-05	3.04E-04	3.04E-04	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00		
Arizona	La Paz County	04012	R	Formaldehyde	2.65E-01	2.65E-01	2.74E-01	3.52E-01	3.77E-01	4.17E-01	5.99E-01	5.99E-01	4.97E-03	4.06E-02	1.01E-02	7.09E-02	2.50E-01		
Arizona	La Paz County	04012	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	1.11E-08	0.00E+00	0.00E+00	9.30E-05		
Arizona	La Paz County	04012	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	1.37E-08	0.00E+00	0.00E+00	1.80E-03		
Arizona	La Paz County	04012	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		
Arizona	La Paz County	04012	R	Hydrazine	0.00E+00	0.00E+00	6.19E-13	1.36E-12	6.22E-12	2.19E-12	3.18E-11	3.18E-11	0.00E+00	6.22E-12	0.00E+00	0.00E+00	0.00E+00		
Arizona	La Paz County	04012	R	Lead Compounds	4.27E-07	4.27E-07	1.09E-05	5.16E-04	6.57E-04	8.76E-04	2.02E-03	2.02E-03	0.00E+00	5.52E-04	1.13E-07	1.05E-04	0.00E+00		
Arizona	La Paz County	04012	R	Manganese Compounds	2.45E-07	2.45E-07	5.92E-05	9.09E-04	8.67E-04	1.15E-03	2.18E-03	2.18E-03	0.00E+00	8.33E-04	1.87E-06	3.25E-05	0.00E+00		
Arizona	La Paz County	04012	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.55E-03	1.55E-03	0.00E+00	1.34E-05	1.34E-06	2.21E-06	1.50E-03		
Arizona	La Paz County	04012	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.58E-01	1.52E-01	1.91E-01	1.91E-01	0.00E+00	7.74E-03	0.00E+00	0.00E+00	1.50E-01		
Arizona	La Paz County	04012	R	Nickel Compounds	6.08E-07	6.08E-07	4.16E-06	7.29E-05	8.71E-05	1.12E-04	2.60E-04	2.60E-04	0.00E+00	5.36E-05	2.32E-06	3.11E-05	0.00E+00		
Arizona	La Paz County	04012	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.41E-01	1.47E-01	1.47E-01	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.40E-01		
Arizona	La Paz County	04012	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		
Arizona	La Paz County	04012	R	Polycyclic Organic Matter	5.32E-04	5.32E-04	9.44E-04	3.27E-03	5.82E-03	5.38E-03	2.15E-02	2.15E-02	4.99E-05	3.02E-03	4.21E-04	2.33E-03	0.00E+00		
Arizona	La Paz County	04012	R	7-PAH	8.26E-05	8.26E-05	1.07E-04	2.90E-04	4.06E-04	5.40E-04	1.13E-03	1.13E-03	0.00E+00	3.98E-04	4.06E-06	3.71E-06	0.00E+00		
Arizona	La Paz County	04012	R	Propylene Dichloride	1.34E-08	1.34E-08	6.35E-08	2.69E-07	1.02E-06	1.27E-06	4.21E-06	4.21E-06	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00		
Arizona	La Paz County	04012	R	Quinoline	0.00E+00	0.00E+00	2.15E-11	3.84E-11	1.02E-10	7.48E-11	4.38E-10	4.38E-10	0.00E+00	1.02E-10	0.00E+00	0.00E+00	0.00E+00		
Arizona	La Paz County	04012	R	1,1,2,2-Tetrachloroethane	2.07E-09	2.07E-09	9.91E-09	1.16E-06	7.25E-06	2.63E-06	3.85E-05	3.85E-05	0.00E+00	7.25E-06	0.00E+00	0.00E+00	0.00E+00		
Arizona	La Paz County	04012	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.19E-02	8.12E-02	8.59E-02	8.59E-02	0.00E+00	9.04E-04	0.00E+00	0.00E+00	8.10E-02		
Arizona	La Paz County	04012	R	Vinyl Chloride	5.25E-06	5.25E-06	1.81E-05	2.51E-05	6.20E-05	9.61E-05	2.03E-04	2.03E-04	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00		
Arizona	Maricopa County	04013	U	Acetaldehyde	2.32E-01	3.35E-01	5.55E-01	9.66E-01	1.36E+00	1.74E+00	2.89E+00	3.98E+00	1.19E-04	2.73E-01	7.64E-01	3.21E-01	0.00E+00		
Arizona	Maricopa County	04013	U	Acrolein	4.21E-02	5.10E-02	6.82E-02	9.83E-02	1.27E-01	1.52E-01	2.28E-01	3.06E-01	8.36E-07	2.85E-02	6.02E-02	3.83E-02	0.00E+00		
Arizona	Maricopa County	04013	U	Acrylonitrile	2.08E-04	2.77E-04	4.79E-04	1.21E-03	2.11E-03	2.07E-03	4.09E-03	6.10E-03	1.52E-03	5.89E-04	0.00E+00	0.00E+00	0.00E+00		
Arizona	Maricopa County	04013	U	Arsenic Compounds	2.89E-05	4.02E-05	5.70E-05	9.57E-05	1.30E-04	1.60E-04	2.64E-04	3.82E-04	1.65E-06	1.85E-05	8.18E-05	2.85E-05	0.00E+00		
Arizona	Maricopa County	04013	U	Benzene	7.15E-01	7.81E-01	8.99E-01	1.19E+00	1.50E+00	1.68E+00	2.60E+00	3.57E+00	4.61E-03	9.71E-02	7.70E-01	1.49E-01	4.80E-01		
Arizona	Maricopa County	04013	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		
Arizona	Maricopa County	04013	U	Beryllium Compounds	1.33E-06	2.16E-06	3.66E-06	6.13E-06	8.16E-06	1.02E-05	1.68E-05	2.10E-05	4.52E-07	7.28E-06	0.00E+00	4.31E-07	0.00E+00		
Arizona	Maricopa County	04013	U	1,3-Butadiene	1.09E-02	1.58E-02	2.32E-02	3.88E-02	7.30E-02	7.06E-02	1.82E-01	2.86E-01	0.00E+00	2.47E-03	5.24E-02	1.81E-02	0.00E+00		
Arizona	Maricopa County	04013	U	Cadmium Compounds	5.31E-06	7.19E-06	1.14E-05	2.31E-05	3.24E-05	3.56E-05	6.66E-05	9.08E-05	1.94E-06	3.00E-05	0.00E+00	4.30E-07	0.00E+00		
Arizona	Maricopa County	04013	U	Carbon Disulfide	4.77E-02	4.81E-02	4.84E-02	4.93E-02	5.19E-02	5.16E-02	5.87E-02	6.35E-02	2.00E-04	4.69E-03	0.00E+00	0.00E+00	4.70E-02		
Arizona	Maricopa County	04013	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	2.79E-06	6.82E-04	0.00E+00	0.00E+00	8.80E-01		
Arizona	Maricopa County	04013	U	Chloroform	9.90E-02	1.09E-01	1.23E-01	1.36E-01	1.39E-01	1.51E-01	1.72E-01	1.87E-01	1.62E-05	5.62E-02	0.00E+00	0.00E+00	8.30E-02		
Arizona	Maricopa County	04013	U	Chromium Compounds (includes Hexavalent)	4.95E-05	6.93E-05	1.19E-04	1.80E-04	3.08E-04	3.13E-04	6.80E-04	1.10E-03	1.11E-04	1.17E-04	7.68E-05	3.97E-06	0.00E+00		
Arizona	Maricopa County	04013	U	Chromium VI	2.14E-05	3.22E-05	5.87E-05	8.89E-05	1.61E-04	1.57E-04	3.34E-04	4.68E-04	9.54E-05	3.40E-05	3.07E-05	1.35E-06	0.00E+00		
Arizona	Maricopa County	04013	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		
Arizona	Maricopa County	04013	U	1,4-Dichlorobenzene	1.69E-02	2.91E-02	4.39E-02	5.70E-02	5.97E-02	7.22E-02	9.41E-02	1.10E-01	1.40E-04	5.96E-02	0.00E+00	0.00E+00	0.00E+00		
Arizona	Maricopa County	04013	U	1,3-Dichloropropene	3.17E-02	5.65E-02	8.77E-02	1.14E-01	1.19E-01	1.45E-01	1.90E-01	2.20E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00		
Arizona	Maricopa County	04013	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	8.50E-07	7.09E-07	0.00E+00	0.00E+00	7.70E-03		
Arizona	Maricopa County	04013	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.14E-02	6.15E-02	6.19E-02	6.23E-02	1.84E-04	2.34E-04	0.00E+00	0.00E+00	6.10E-02		
Arizona	Maricopa County	04013	U	Ethylene Oxide	2.01E-04	3.47E-04	1.01E-03	2.27E-03	4.73E-03	4.98E-03	8.60E-03	1.42E-02	0.00E+00	4.73E-03	0.00E+00	0.00E+00	0.00E+00		
Arizona	Maricopa County	04013	U	Formaldehyde	5.37E-01	6.05E-01	7.14E-01	1.00E+00	1.27E+00	1.50E+00	2.28E+00	2.95E+00	1.22E-06	1.44E-01	4.92E-01	3.88E-01	2.50E-01		
Arizona	Maricopa County	04013	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.33E-08	0.00E+00	0.00E+00	9.30E-05		
Arizona	Maricopa County	04013	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	3.80E-07	0.00E+00	0.00E+00	1.80E-03		
Arizona	Maricopa County	04013	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		
Arizona	Maricopa County	04013	U	Hydrazine	3.35E-09	6.66E-09	1.62E-08	4.18E-08	1.26E-07	1.07E-07	3.12E-07	5.35E-07	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00		
Arizona	Maricopa County	04013	U	Lead Compounds	1.25E-03	1.93E-03	3.04E-03	4.43E-03	5.16E-03	5.43E-03	8.03E-03	1.10E-02	4.13E-05	3.88E-04	0.00E+00	4.74E-03	0.00E+00		
Arizona	Maricopa County	04013	U	Manganese Compounds	2.90E-05	4.53E-05	7.87E-05	1.20E-04	1.83E-04	1.62E-04	2.60E-04	3.57E-04	1.45E-05	1.41E-04	2.47E-05	3.06E-06	0.00E+00		
Arizona	Maricopa County	04013	U	Mercury Compounds	1.53E-03	1.54E-03	1.56E-03	1.61E-03	1.69E-03	1.70E-03	1.88E-03	2.05E-03	5.64E-07	8.78E-05	7.44E-05	2.25E-05	1.50E-03		
Arizona	Maricopa County	04013	U	Methylene Chloride	1.80E-01	1.99E-01	2.29E-01	2.71E-01	3.22E-01	3.38E-01	4.49E-01	5.52E-01	5.30E-02	1.18E-01	0.00E+00	0.00E+00	1.50E-01		
Arizona	Maricopa County	04013	U	Nickel Compounds	7.02E-05	1.02E-04	1.59E-04	2.45E-04	6.17E-04	5.12E-04	1.03E-03	5.99E-06	5.49E-04	5.67E-05	5.21E-06	0.00E+00	0.00E+00		
Arizona	Maricopa County	04013	U	Perchloroethylene	1.61E-01	1.76E-01	2.08E-01	2.51E-01	2.56E-01	2.84E-01	3.14E-01	3.49E-01	2.07E-02	9.49E-02	0.00E+00	0.00E+00	1.40E-01		
Arizona	Maricopa County	04013	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.82E-04	3.83E-04	3.85E-04	3.88E-04	3.91E-04	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.80E-04		
Arizona	Maricopa County	04013	U	Polycyclic Organic Matter	2.20E-02	3.29E-02	4.65E-02	6.54E-02	7.52E-02	9.48E-02	1								

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Estimated Annual Average Ambient Concentrations µg/m3 for Arizona																	
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
Arizona	Mohave County	04015	U	Acrylonitrile	1.16E-06	3.17E-06	1.86E-05	4.02E-05	5.69E-05	8.14E-05	1.21E-04	1.67E-04	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Mohave County	04015	U	Arsenic Compounds	7.08E-07	2.26E-06	1.14E-05	2.35E-05	2.38E-05	3.72E-05	4.26E-05	4.79E-05	9.49E-07	9.75E-06	8.84E-06	4.26E-06	0.00E+00
Arizona	Mohave County	04015	U	Benzene	5.14E-01	5.26E-01	5.51E-01	6.50E-01	6.70E-01	7.37E-01	8.59E-01	9.20E-01	4.87E-04	3.52E-02	9.53E-02	5.93E-02	4.80E-01
Arizona	Mohave County	04015	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
Arizona	Mohave County	04015	U	Beryllium Compounds	1.49E-08	2.31E-07	5.98E-07	9.61E-07	1.26E-06	1.89E-06	2.42E-06	2.48E-06	4.90E-08	5.58E-07	0.00E+00	6.56E-07	0.00E+00
Arizona	Mohave County	04015	U	1,3-Butadiene	2.63E-03	2.69E-03	5.79E-03	1.51E-02	1.64E-02	2.10E-02	3.34E-02	4.03E-02	0.00E+00	1.92E-03	8.88E-03	5.58E-03	0.00E+00
Arizona	Mohave County	04015	U	Cadmium Compounds	1.73E-08	3.69E-07	1.08E-06	5.21E-06	1.26E-05	2.89E-05	3.02E-05	3.06E-05	1.19E-07	1.13E-05	1.66E-07	1.06E-06	0.00E+00
Arizona	Mohave County	04015	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.74E-02	4.76E-02	4.80E-02	4.82E-02	3.11E-07	4.02E-04	0.00E+00	0.00E+00	4.70E-02
Arizona	Mohave County	04015	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	1.01E-04	0.00E+00	0.00E+00	8.80E-01
Arizona	Mohave County	04015	U	Chloroform	8.30E-02	8.31E-02	8.41E-02	8.64E-02	8.72E-02	8.94E-02	9.33E-02	9.38E-02	0.00E+00	4.24E-03	0.00E+00	0.00E+00	8.30E-02
Arizona	Mohave County	04015	U	Chromium Compounds (includes Hexavalent)	4.81E-07	2.63E-06	3.84E-05	8.73E-05	1.87E-04	3.16E-04	3.21E-04	4.61E-04	3.14E-06	1.56E-04	8.91E-06	1.91E-05	0.00E+00
Arizona	Mohave County	04015	U	Chromium VI	1.72E-07	6.34E-07	7.58E-06	1.95E-05	4.73E-05	1.06E-04	1.09E-04	1.10E-04	3.46E-07	3.69E-05	3.48E-06	6.50E-06	0.00E+00
Arizona	Mohave County	04015	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
Arizona	Mohave County	04015	U	1,4-Dichlorobenzene	9.70E-05	1.30E-04	2.10E-03	7.52E-03	8.98E-03	1.41E-02	2.21E-02	2.28E-02	0.00E+00	8.98E-03	0.00E+00	0.00E+00	0.00E+00
Arizona	Mohave County	04015	U	1,3-Dichloropropene	1.94E-04	2.57E-04	4.20E-03	1.52E-02	1.82E-02	2.89E-02	4.49E-02	4.63E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	Mohave County	04015	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-08	0.00E+00	0.00E+00	7.70E-03
Arizona	Mohave County	04015	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	9.56E-08	1.97E-06	0.00E+00	0.00E+00	6.10E-02
Arizona	Mohave County	04015	U	Ethylene Oxide	1.35E-07	1.85E-06	2.32E-05	9.40E-05	2.03E-04	3.81E-04	5.39E-04	6.55E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Mohave County	04015	U	Formaldehyde	2.82E-01	3.09E-01	3.67E-01	4.17E-01	4.18E-01	4.52E-01	5.10E-01	5.44E-01	1.39E-02	3.87E-02	5.69E-02	5.88E-02	2.50E-01
Arizona	Mohave County	04015	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	3.05E-09	0.00E+00	0.00E+00	9.30E-05
Arizona	Mohave County	04015	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	5.96E-08	0.00E+00	0.00E+00	1.80E-03
Arizona	Mohave County	04015	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
Arizona	Mohave County	04015	U	Hydrazine	1.13E-14	2.72E-13	1.83E-10	7.95E-10	2.89E-09	2.52E-09	8.67E-09	1.01E-08	0.00E+00	2.89E-09	0.00E+00	0.00E+00	0.00E+00
Arizona	Mohave County	04015	U	Lead Compounds	7.52E-07	3.19E-05	2.36E-04	4.71E-04	6.75E-04	1.01E-03	1.26E-03	1.94E-03	3.94E-06	4.78E-04	8.57E-08	1.93E-04	0.00E+00
Arizona	Mohave County	04015	U	Manganese Compounds	1.88E-07	6.31E-06	1.33E-04	2.93E-04	5.66E-04	1.15E-03	1.16E-03	1.16E-03	8.20E-06	5.36E-04	3.69E-06	1.80E-05	0.00E+00
Arizona	Mohave County																

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Estimated Annual Average Ambient Concentrations µg/m3 for Arizona

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		
Arizona	Navajo County	04017	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.50E-03	1.52E-03	1.53E-03	1.30E-07	7.26E-07	3.85E-06	1.08E-06	1.50E-03		
Arizona	Navajo County	04017	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.53E-01	1.57E-01	1.64E-01	1.73E-01	1.74E-01	1.92E-05	7.37E-03	0.00E+00	0.00E+00	1.50E-01		
Arizona	Navajo County	04017	R	Nickel Compounds	4.36E-07	4.58E-07	8.75E-07	8.65E-06	1.05E-05	1.45E-05	2.89E-05	3.06E-05	4.65E-06	3.81E-06	1.86E-06	2.09E-07	0.00E+00		
Arizona	Navajo County	04017	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.44E-01	3.43E-05	1.39E-03	0.00E+00	0.00E+00	1.40E-01		
Arizona	Navajo County	04017	R	Polychlorinated Biphenyls	3.80E-04	3.81E-04	3.81E-04	3.85E-04	3.91E-04	3.94E-04	4.08E-04	4.30E-04	0.00E+00	1.10E-05	0.00E+00	0.00E+00	3.80E-04		
Arizona	Navajo County	04017	R	Polycyclic Organic Matter	9.29E-04	1.16E-03	1.59E-03	3.69E-03	4.66E-03	7.91E-03	9.54E-03	1.00E-02	1.98E-07	3.94E-03	7.04E-04	2.58E-04	0.00E+00		
Arizona	Navajo County	04017	R	7-PAH	6.79E-05	6.80E-05	1.85E-04	4.12E-04	6.83E-04	1.26E-03	1.64E-03	1.73E-03	4.02E-09	6.76E-04	4.77E-06	2.55E-06	0.00E+00		
Arizona	Navajo County	04017	R	Propylene Dichloride	4.04E-09	7.20E-09	2.34E-08	2.47E-07	1.99E-06	1.07E-06	1.91E-06	7.21E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00		
Arizona	Navajo County	04017	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-14	0.00E+00	0.00E+00	0.00E+00		
Arizona	Navajo County	04017	R	1,1,2,2-Tetrachloroethane	6.33E-10	1.13E-09	3.67E-09	3.87E-08	1.60E-05	8.35E-06	1.30E-05	6.58E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00		
Arizona	Navajo County	04017	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.13E-02	8.15E-02	8.18E-02	8.24E-02	8.24E-02	3.38E-05	4.33E-04	0.00E+00	0.00E+00	8.10E-02		
Arizona	Navajo County	04017	R	Vinyl Chloride	2.34E-09	4.17E-09	1.36E-08	1.43E-07	3.93E-05	2.07E-05	3.21E-05	1.62E-04	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00		
Arizona	Pima County	04019	U	Acetaldehyde	1.18E-01	1.51E-01	2.58E-01	4.72E-01	6.67E-01	8.75E-01	1.48E+00	1.99E+00	1.97E-04	5.25E-02	4.35E-01	1.79E-01	0.00E+00		
Arizona	Pima County	04019	U	Acrolein	1.84E-02	2.72E-02	4.12E-02	5.25E-02	5.70E-02	7.07E-02	9.35E-02	1.04E-01	8.58E-06	2.04E-02	2.59E-02	1.07E-02	0.00E+00		
Arizona	Pima County	04019	U	Acrylonitrile	3.01E-05	7.39E-05	1.60E-04	3.52E-04	5.62E-04	6.55E-04	1.04E-03	1.42E-03	3.37E-05	5.28E-04	0.00E+00	0.00E+00	0.00E+00		
Arizona	Pima County	04019	U	Arsenic Compounds	8.43E-06	1.51E-05	2.83E-05	5.65E-05	6.36E-05	8.06E-05	1.26E-04	1.50E-04	1.18E-05	9.17E-06	3.34E-05	9.31E-06	0.00E+00		
Arizona	Pima County	04019	U	Benzene	5.83E-01	6.07E-01	6.96E-01	8.48E-01	9.62E-01	1.07E+00	1.49E+00	1.72E+00	1.29E-04	5.82E-02	3.11E-01	1.13E-01	4.80E-01		
Arizona	Pima County	04019	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		
Arizona	Pima County	04019	U	Beryllium Compounds	5.30E-07	7.27E-07	1.51E-06	3.07E-06	4.08E-06	5.54E-06	8.36E-06	1.05E-05	6.12E-07	2.98E-06	0.00E+00	4.89E-07	0.00E+00		
Arizona	Pima County	04019	U	1,3-Butadiene	4.40E-03	5.38E-03	1.01E-02	2.13E-02	3.58E-02	3.87E-02	9.01E-02	1.16E-01	0.00E+00	1.52E-03	2.13E-02	1.31E-02	0.00E+00		
Arizona	Pima County	04019	U	Cadmium Compounds	8.46E-07	1.16E-06	2.04E-06	4.75E-06	6.01E-06	8.33E-06	1.26E-05	1.64E-05	1.51E-06	4.02E-06	0.00E+00	4.87E-07	0.00E+00		
Arizona	Pima County	04019	U	Carbon Disulfide	4.73E-02	4.74E-02	4.78E-02	4.90E-02	4.93E-02	5.00E-02	5.10E-02	5.31E-02	8.48E-06	2.32E-03	0.00E+00	0.00E+00	4.70E-02		
Arizona	Pima County	04019																	

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					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Arizona	Pinal County	04021	U	Chromium VI	1.11E-06	3.57E-06	8.21E-06	2.47E-05	2.57E-04	3.48E-04	5.20E-04	9.63E-04	2.44E-04	7.41E-06	5.68E-06	1.25E-07	0.00E+00
Arizona	Pinal County	04021	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
Arizona	Pinal County	04021	U	1,4-Dichlorobenzene	4.00E-04	1.00E-03	2.12E-03	5.89E-03	8.85E-03	2.34E-02	1.07E-02	3.60E-02	7.31E-06	8.84E-03	0.00E+00	0.00E+00	0.00E+00
Arizona	Pinal County	04021	U	1,3-Dichloropropene	7.67E-04	1.99E-03	4.21E-03	1.16E-02	1.76E-02	2.08E-02	4.66E-02	7.35E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	0.00E+00
Arizona	Pinal County	04021	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.44E-08	3.10E-07	0.00E+00	0.00E+00	7.70E-03
Arizona	Pinal County	04021	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	9.60E-06	5.82E-05	0.00E+00	0.00E+00	6.10E-02
Arizona	Pinal County	04021	U	Ethylene Oxide	3.19E-06	1.16E-05	1.79E-05	3.28E-05	7.93E-05	1.05E-04	2.25E-04	3.34E-04	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Pinal County	04021	U	Formaldehyde	2.89E-01	3.18E-01	3.42E-01	3.96E-01	4.64E-01	5.95E-01	6.55E-01	7.74E-01	1.51E-04	8.35E-02	1.02E-01	2.85E-02	2.50E-01
Arizona	Pinal County	04021	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.33E-05	9.33E-05	9.38E-05	9.45E-05	0.00E+00	3.27E-07	0.00E+00	0.00E+00	9.30E-05
Arizona	Pinal County	04021	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	1.01E-08	0.00E+00	0.00E+00	1.80E-03
Arizona	Pinal County	04021	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
Arizona	Pinal County	04021	U	Hydrazine	4.88E-12	1.76E-11	1.73E-10	5.10E-10	1.41E-08	5.85E-09	3.33E-08	1.59E-07	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00
Arizona	Pinal County	04021	U	Lead Compounds	3.03E-05	1.50E-04	2.91E-04	6.67E-04	5.52E-03	3.56E-03	9.98E-03	2.60E-02	1.37E-03	3.91E-03	0.00E+00	2.50E-04	0.00E+00
Arizona	Pinal County	04021	U	Manganese Compounds	2.73E-06	5.70E-06	9.52E-06	4.25E-05	1.10E-03	1.00E-03	1.75E-03	7.93E-03	4.97E-04	5.98E-04	4.58E-06	3.02E-07	0.00E+00
Arizona	Pinal County	04021	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.61E-03	8.97E-06	4.11E-06	1.90E-05	3.11E-06	1.50E-03
Arizona	Pinal County	04021	U	Methylene Chloride	1.51E-01	1.54E-01	1.57E-01	1.66E-01	1.85E-01	1.95E-01	2.49E-01	2.79E-01	4.69E-04	3.41E-02	0.00E+00	0.00E+00	1.50E-01
Arizona	Pinal County	04021	U	Nickel Compounds	8.49E-06	2.02E-05	5.62E-05	1.20E-04	6.79E-04	4.95E-04	1.11E-03	3.72E-03	2.13E-04	4.55E-04	1.06E-05	5.64E-07	0.00E+00
Arizona	Pinal County	04021	U	Perchloroethylene	1.40E-01	1.41E-01	1.42E-01	1.45E-01	1.48E-01	1.51E-01	1.57E-01	1.64E-01	1.60E-04	7.39E-03	0.00E+00	0.00E+00	1.40E-01
Arizona	Pinal County	04021	U	Polychlorinated Biphenyls	3.81E-04	3.82E-04	3.85E-04	3.97E-04	4.17E-04	4.16E-04	4.67E-04	5.63E-04	0.00E+00	3.73E-05	0.00E+00	0.00E+00	3.80E-04
Arizona	Pinal County	04021	U	Polycyclic Organic Matter	2.16E-03	4.14E-03	5.92E-03	1.06E-02	1.39E-02	1.58E-02	3.24E-02	4.76E-02	5.30E-07	9.20E-03	4.12E-03	5.52E-04	0.00E+00
Arizona	Pinal County	04021	U	7-PAH	1.76E-04	2.07E-04	3.27E-04	5.02E-04	8.96E-04	1.53E-03	1.91E-03	2.30E-03	2.52E-08	8.64E-04	2.83E-05	3.78E-06	0.00E+00
Arizona	Pinal County	04021	U	Propylene Dichloride	1.46E-07	4.97E-07	7.40E-06	2.35E-05	3.99E-05	4.47E-05	7.76E-05	9.67E-05	4.81E-06</				

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Estimated Annual Average Ambient Concentrations µg/m3 for Arizona

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		
Arizona	Santa Cruz County	04023	U	Vinyl Chloride	8.36E-06	8.36E-06	1.14E-05	1.41E-05	1.25E-04	3.88E-04	3.98E-04	3.98E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00		
Arizona	Yavapai County	04025	U	Acetaldehyde	1.14E-02	1.76E-02	5.60E-02	1.19E-01	1.21E-01	1.98E-01	2.20E-01	2.30E-01	0.00E+00	1.99E-02	9.13E-02	1.02E-02	0.00E+00		
Arizona	Yavapai County	04025	U	Acrolein	7.13E-03	7.44E-03	1.72E-02	3.35E-02	3.29E-02	4.25E-02	5.35E-02	7.49E-02	0.00E+00	2.60E-02	5.78E-03	1.11E-03	0.00E+00		
Arizona	Yavapai County	04025	U	Acrylonitrile	2.76E-07	3.19E-07	1.10E-05	4.62E-05	9.18E-05	7.66E-05	1.37E-04	2.45E-04	0.00E+00	9.18E-05	0.00E+00	0.00E+00	0.00E+00		
Arizona	Yavapai County	04025	U	Arsenic Compounds	5.86E-07	2.74E-06	4.45E-06	1.26E-05	1.32E-05	1.95E-05	2.71E-05	2.91E-05	0.00E+00	1.53E-06	9.14E-06	2.48E-06	0.00E+00		
Arizona	Yavapai County	04025	U	Benzene	5.00E-01	5.11E-01	5.43E-01	6.41E-01	6.46E-01	7.30E-01	7.90E-01	8.16E-01	0.00E+00	6.46E-02	8.27E-02	1.88E-02	4.80E-01		
Arizona	Yavapai County	04025	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		
Arizona	Yavapai County	04025	U	Beryllium Compounds	4.67E-08	9.77E-08	3.92E-07	6.56E-07	1.01E-06	1.46E-06	2.20E-06	2.41E-06	0.00E+00	5.62E-07	0.00E+00	4.50E-07	0.00E+00		
Arizona	Yavapai County	04025	U	1,3-Butadiene	2.94E-03	3.02E-03	5.11E-03	1.62E-02	1.70E-02	2.41E-02	3.82E-02	4.17E-02	0.00E+00	8.03E-03	7.07E-03	1.91E-03	0.00E+00		
Arizona	Yavapai County	04025	U	Cadmium Compounds	1.71E-07	4.16E-07	6.80E-07	9.94E-07	1.98E-06	2.32E-06	5.43E-06	6.97E-06	0.00E+00	1.53E-06	0.00E+00	4.49E-07	0.00E+00		
Arizona	Yavapai County	04025	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.73E-02	4.74E-02	4.76E-02	4.80E-02	4.82E-02	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.70E-02		
Arizona	Yavapai County	04025	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	1.05E-04	0.00E+00	0.00E+00	8.80E-01		
Arizona	Yavapai County	04025	U	Chloroform	8.31E-02	8.31E-02	8.44E-02	8.82E-02	8.99E-02	9.41E-02	9.88E-02	1.02E-01	0.00E+00	6.87E-03	0.00E+00	0.00E+00	8.30E-02		
Arizona	Yavapai County	04025	U	Chromium Compounds (includes Hexavalent)	1.18E-06	2.06E-06	4.49E-06	9.54E-06	1.17E-05	1.72E-05	2.08E-05	3.15E-05	0.00E+00	3.97E-06	7.33E-06	3.58E-07	0.00E+00		
Arizona	Yavapai County	04025	U	Chromium VI	3.32E-07	3.95E-07	1.46E-06	4.30E-06	4.54E-06	7.42E-06	9.04E-06	9.12E-06	0.00E+00	1.51E-06	2.91E-06	1.22E-07	0.00E+00		
Arizona	Yavapai County	04025	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		
Arizona	Yavapai County	04025	U	1,4-Dichlorobenzene	7.76E-05	1.11E-04	1.43E-03	5.19E-03	7.16E-03	1.11E-02	1.78E-02	2.07E-02	0.00E+00	7.16E-03	0.00E+00	0.00E+00	0.00E+00		
Arizona	Yavapai County	04025	U	1,3-Dichloropropene	1.53E-04	2.25E-04	2.85E-03	1.05E-02	1.45E-02	2.27E-02	3.63E-02	4.21E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	0.00E+00		
Arizona	Yavapai County	04025	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	3.63E-08	0.00E+00	0.00E+00	7.70E-03		
Arizona	Yavapai County	04025	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		
Arizona	Yavapai County	04025	U	Ethylene Oxide	1.24E-06	2.09E-06	1.04E-05	6.24E-05	1.69E-04	1.21E-04	4.44E-04	1.09E-03	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00		
Arizona	Yavapai County	04025	U	Formaldehyde	2.83E-01	2.89E-01	3.25E-01	4.19E-01	4.20E-01	5.01E-01	5.75E-01	5.92E-01	0.00E+00	1.03E-01	4				

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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
Arizona	Yuma County	04027	U	Hydrazine	1.88E-11	6.96E-10	8.10E-09	1.78E-08	9.00E-08	7.53E-08	2.70E-07	5.94E-07	0.00E+00	9.00E-08	0.00E+00	0.00E+00	0.00E+00
Arizona	Yuma County	04027	U	Lead Compounds	7.64E-07	1.27E-04	3.73E-04	1.32E-03	1.66E-03	2.52E-03	3.38E-03	5.38E-03	8.05E-06	8.08E-04	1.45E-07	8.40E-04	0.00E+00
Arizona	Yuma County	04027	U	Manganese Compounds	4.26E-07	3.25E-04	8.71E-04	2.82E-03	2.55E-03	3.84E-03	4.88E-03	5.84E-03	0.00E+00	2.54E-03	6.29E-06	1.10E-06	0.00E+00
Arizona	Yuma County	04027	U	Mercury Compounds	1.50E-03	1.52E-03	1.53E-03	1.56E-03	1.56E-03	1.58E-03	1.60E-03	1.69E-03	0.00E+00	3.91E-05	1.62E-05	7.92E-06	1.50E-03
Arizona	Yuma County	04027	U	Methylene Chloride	1.50E-01	1.54E-01	1.69E-01	2.20E-01	2.42E-01	2.80E-01	3.59E-01	4.25E-01	0.00E+00	9.17E-02	0.00E+00	0.00E+00	1.50E-01
Arizona	Yuma County	04027	U	Nickel Compounds	1.09E-06	2.07E-05	6.03E-05	1.66E-04	1.84E-04	2.59E-04	3.38E-04	6.17E-04	7.17E-07	1.70E-04	1.20E-05	1.89E-06	0.00E+00
Arizona	Yuma County	04027	U	Perchloroethylene	1.40E-01	1.41E-01	1.45E-01	1.67E-01	1.63E-01	1.78E-01	1.88E-01	1.99E-01	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.40E-01
Arizona	Yuma County	04027	U	Polychlorinated Biphenyls	3.80E-04	3.84E-04	3.94E-04	4.38E-04	4.40E-04	4.88E-04	5.14E-04	5.19E-04	0.00E+00	6.04E-05	0.00E+00	0.00E+00	3.80E-04
Arizona	Yuma County	04027	U	Polycyclic Organic Matter	7.30E-04	3.57E-03	1.29E-02	2.21E-02	2.36E-02	3.67E-02	3.99E-02	4.86E-02	0.00E+00	1.73E-02	4.37E-03	1.99E-03	0.00E+00
Arizona	Yuma County	04027	U	7-PAH	1.07E-04	2.16E-04	6.17E-04	1.25E-03	1.18E-03	1.70E-03	1.92E-03	2.42E-03	0.00E+00	1.13E-03	2.64E-05	1.62E-05	0.00E+00
Arizona	Yuma County	04027	U	Propylene Dichloride	7.55E-07	3.84E-06	8.10E-06	1.60E-05	1.66E-05	1.96E-05	3.41E-05	3.98E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
Arizona	Yuma County	04027	U	Quinoline	3.60E-10	8.57E-09	4.42E-08	1.01E-07	2.80E-07	2.72E-07	7.85E-07	1.59E-06	0.00E+00	2.80E-07	0.00E+00	0.00E+00	0.00E+00
Arizona	Yuma County	04027	U	1,1,2,2-Tetrachloroethane	6.87E-06	2.59E-05	6.41E-05	9.05E-05	1.04E-04	1.20E-04	1.70E-04	3.51E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00
Arizona	Yuma County	04027	U	Trichloroethylene	8.10E-02	8.15E-02	8.25E-02	8.46E-02	8.84E-02	8.99E-02	9.93E-02	1.12E-01	0.00E+00	7.42E-03	0.00E+00	0.00E+00	8.10E-02
Arizona	Yuma County	04027	U	Vinyl Chloride	1.69E-05	6.51E-05	1.61E-04	2.41E-04	2.64E-04	2.99E-04	4.20E-04	8.69E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00