

US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for Utah

EPA strongly cautions that these modeling results should not be used to draw conclusions about local concentrations or risk. The results are most meaningful when viewed at the state or national level; for smaller areas, the modeling becomes less certain. In addition, these results represent conditions in 1996 rather than current conditions.

● The modeled estimates presented here are not a direct indicator of risk because they do not factor in the extent to which people are exposed to these pollutants or the widely varying toxic potential of different substances. EPA uses these ambient concentration estimates in combination with exposure modeling and health effects information to estimate risk.

● The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, 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.

● Methods of estimating emissions, as well as simplified modeling assumptions, may introduce significant uncertainties into each component of the assessment.

[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)

● Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.

● Note that based on the persistence and bioaccumulation potential of lead, mercury, PCBs (polychlorinated biphenyls), hexachlorobenzene, 7-PAH (polycyclic aromatic hydrocarbons), POM (polycyclic organic matter) and cadmium, ingestion rather than inhalation may contribute substantially to exposures of concern, and this assessment does not address pollutant levels that may be ingested from food, water, or soil.

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m³) for Utah

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
Utah	Statewide	N/A	N/A	Acetaldehyde	2.20E-02	6.18E-02	1.79E-01	4.40E-01	4.29E-01	6.38E-01	7.34E-01	8.09E-01	2.38E-05	6.94E-02	2.57E-01	1.03E-01	0.00E+00
Utah	Statewide	N/A	N/A	Acrolein	5.29E-03	1.55E-02	3.89E-02	6.43E-02	6.84E-02	8.37E-02	1.01E-01	1.28E-01	1.11E-05	2.58E-02	2.81E-02	1.44E-02	0.00E+00
Utah	Statewide	N/A	N/A	Acrylonitrile	1.91E-06	8.67E-06	6.31E-05	4.82E-04	5.23E-04	6.70E-04	9.63E-04	1.26E-03	3.43E-04	1.80E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Arsenic Compounds	3.45E-07	1.44E-06	1.46E-05	4.78E-05	6.15E-05	8.66E-05	1.41E-04	2.07E-04	2.49E-05	3.62E-05	3.24E-07	6.41E-12	0.00E+00
Utah	Statewide	N/A	N/A	Benzene	5.19E-01	5.84E-01	9.12E-01	1.41E+00	1.45E+00	1.79E+00	2.10E+00	2.51E+00	2.07E-02	2.51E-01	5.46E-01	1.53E-01	4.80E-01
Utah	Statewide	N/A	N/A	Beryllium Compounds	9.67E-08	2.60E-07	2.03E-06	4.22E-06	7.98E-06	7.61E-06	1.22E-05	1.70E-05	3.23E-07	7.65E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	1,3-Butadiene	2.58E-03	8.08E-03	3.45E-02	7.45E-02	8.15E-02	1.15E-01	1.50E-01	1.64E-01	1.32E-05	1.21E-02	5.60E-02	1.34E-02	0.00E+00
Utah	Statewide	N/A	N/A	Cadmium Compounds	2.44E-07	9.51E-07	7.13E-06	2.74E-05	3.90E-05	6.24E-05	7.96E-05	9.73E-05	7.19E-06	3.18E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	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	7.24E-07	1.63E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Statewide	N/A	N/A	Chloroform	8.30E-02	8.30E-02	8.32E-02	8.41E-02	8.41E-02	8.47E-02	8.51E-02	8.56E-02	3.65E-06	1.14E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Statewide	N/A	N/A	Chromium Compounds	2.12E-06	7.87E-06	6.28E-05	1.42E-03	7.40E-03	6.20E-03	1.74E-02	2.67E-02	6.56E-03	7.78E-04	2.03E-05	3.49E-05	0.00E+00
Utah	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-03	1.47E-03	3.87E-03	2.29E-02	7.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	1,3-Dichloropropene	3.29E-04	1.03E-03	1.13E-02	4.24E-02	4.37E-02	6.55E-02	8.73E-02	9.94E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Diesel Particulate Matter	1.13E-01	1.90E-01	3.55E-01	8.84E-01	1.03E+00	1.46E+00	1.85E+00	2.20E+00	0.00E+00	0.00E+00	2.46E-01	7.86E-01	***
Utah	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.91E-07	1.85E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.15E-02	4.17E-05	9.13E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Statewide	N/A	N/A	Ethylene Oxide	5.74E-06	1.75E-05	1.76E-04	1.04E-03	2.82E-03	3.56E-03	8.72E-03	1.08E-02	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Formaldehyde	2.84E-01	3.52E-01	5.43E-01	8.12E-01	8.30E-01	1.03E+00	1.19E+00	1.33E+00	6.11E-04	1.63E-01	2.60E-01	1.56E-01	2.50E-01
Utah	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.33E-05	0.00E+00	6.16E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Statewide	N/A	N/A	Hydrazine	0.00E+00	0.00E+00	1.34E-09	1.51E-08	4.34E-08	3.97E-08	1.39E-07	1.73E-07	0.00E+00	4.34E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Lead Compounds	5.87E-06	1.34E-05	1.55E-04	8.55E-04	1.24E-03	1.97E-03	2.77E-03	3.25E-03	1.30E-04	3.61E-04	2.86E-05	7.16E-04	0.00E+00
Utah	Statewide	N/A	N/A	Manganese Compounds	1.19E-05	4.38E-05	7.20E-04	2.77E-03	9.39E-03	8.81E-03	2.01E-02	3.15E-02	7.50E-03	1.84E-03	8.44E-06	3.95E-05	0.00E+00
Utah	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.50E-03	1.52E-03	1.61E-03	1.63E-03	1.66E-03	1.71E-03	1.79E-03	6.51E-06	1.17E-04	2.73E-07	9.74E-06	1.50E-03
Utah	Statewide	N/A	N/A	Methylene Chloride	1.51E-01	1.52E-01	1.76E-01	2.32E-01	2.50E-01	2.87E-01	3.80E-01	4.36E-01	8.21E-03	9.17E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Statewide	N/A	N/A	Nickel Compounds	2.29E-06	8.17E-06	1.65E-04	9.52E-04	4.42E-03	3.96E-03	1.06E-02	1.62E-02	3.62E-03	7.66E-04	1.59E-05	1.75E-05	0.00E+00
Utah	Statewide	N/A	N/A	Perchloroethylene	1.40E-01	1.41E-01	1.54E-01	1.90E-01	1.99E-01	2.32E-01	2.65E-01	2.90E-01	9.15E-04	5.80E-02	0.00E+00	0.00E+00	1.40E-01
Utah	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Utah	Statewide	N/A	N/A	Polycyclic Organic Matter	1.14E-03	2.74E-03	1.20E-02	2.27E-02	3.08E-02	3.36E-02	5.18E-02	8.29E-02	7.98E-04	2.98E-02	1.44E-04	6.57E-05	0.00E+00
Utah	Statewide	N/A	N/A	7-PAH	5.66E-05	1.82E-04	3.04E-04	4.16E-04	7.69E-04	6.04E-04	9.96E-04	1.78E-03	4.45E-08	6.76E-04	6.38E-05	2.90E-05	0.00E+00
Utah	Statewide	N/A	N/A	Propylene Dichloride	5.71E-08	5.14E-07	3.90E-06	2.87E-05	3.12E-05	4.12E-05	5.76E-05	7.60E-05	2.07E-05	1.05E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Quinoline	0.00E+00	0.00E+00	9.69E-09	6.57E-08	1.45E-07	1.42E-07	4.85E-07	5.61E-07	3.09E-09	1.42E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	8.67E-09	4.30E-06	2.89E-05	2.44E-04	2.60E-04	3.38E-04	4.84E-04	6.32E-04	1.90E-04	7.01E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Trichloroethylene	8.11E-02	8.13E-02	8.50E-02	9.25E-02	9.91E-02	1.04E-01	1.24E-01	1.45E-01	3.78E-04	1.78E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Statewide	N/A	N/A	Vinyl Chloride	4.42E-08	1.07E-05	7.48E-05	6.44E-04	6.61E-04	8.82E-04	1.21E-03	1.57E-03	4.68E-04	1.94E-04	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Acetaldehyde	6.92E-02	1.30E-01	3.35E-01	5.22E-01	4.88E-01	6.69E-01	7.45E-01	8.33E-01	2.70E-05	7.16E-02	2.96E-01	1.21E-01	0.00E+00
Utah	All Urban Counties	N/A	U	Acrolein	1.92E-02	3.10E-02	4.69E-02	6.92E-02	7.18E-02	8.66E-02	1.02E-01	1.28E-01	1.24E-05	2.25E-02	3.24E-02	1.69E-02	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	All Urban Counties	N/A	U	Acrylonitrile	2.01E-05	4.74E-05	2.94E-04	5.52E-04	6.11E-04	7.38E-04	1.00E-03	1.38E-03	3.99E-04	2.11E-04	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Arsenic Compounds	3.56E-06	1.07E-05	2.59E-05	5.52E-05	7.15E-05	9.23E-05	1.56E-04	2.23E-04	2.88E-05	4.23E-05	3.74E-07	5.28E-12	0.00E+00
Utah	All Urban Counties	N/A	U	Benzene	6.22E-01	8.12E-01	1.14E+00	1.50E+00	1.56E+00	1.82E+00	2.10E+00	2.54E+00	2.45E-02	2.42E-01	6.33E-01	1.81E-01	4.80E-01
Utah	All Urban Counties	N/A	U	Beryllium Compounds	2.76E-07	1.54E-06	2.86E-06	5.14E-06	6.41E-06	7.81E-06	1.27E-05	1.71E-05	3.38E-07	6.07E-06	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	1,3-Butadiene	1.01E-02	1.94E-02	5.47E-02	8.54E-02	8.98E-02	1.20E-01	1.51E-01	1.73E-01	1.57E-05	8.82E-03	6.51E-02	1.59E-02	0.00E+00
Utah	All Urban Counties	N/A	U	Cadmium Compounds	1.50E-06	5.86E-06	1.61E-05	3.76E-05	4.58E-05	6.57E-05	8.26E-05	1.05E-04	8.42E-06	3.74E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.36E-07	1.92E-04	0.00E+00	0.00E+00	8.80E-01
Utah	All Urban Counties	N/A	U	Chloroform	8.31E-02	8.32E-02	8.37E-02	8.42E-02	8.43E-02	8.48E-02	8.51E-02	8.58E-02	4.26E-06	1.34E-03	0.00E+00	0.00E+00	8.30E-02
Utah	All Urban Counties	N/A	U	Chromium Compounds	1.37E-05	2.41E-05	4.68E-04	2.23E-03	8.79E-03	7.91E-03	1.99E-02	2.92E-02	7.80E-03	9.24E-04	2.34E-05	4.09E-05	0.00E+00
Utah	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	6.29E-06	8.49E-03	1.60E-03	6.17E-03	3.06E-02	8.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	1,3-Dichloropropene	1.15E-03	8.17E-03	2.81E-02	5.05E-02	5.10E-02	6.95E-02	9.23E-02	1.03E-01	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Diesel Particulate Matter	2.32E-01	3.28E-01	6.53E-01	1.01E+00	1.19E+00	1.50E+00	1.92E+00	2.25E+00	0.00E+00	0.00E+00	2.77E-01	9.10E-01	***
Utah	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	2.23E-07	2.19E-07	0.00E+00	0.00E+00	7.70E-03
Utah	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.14E-02	4.85E-05	9.22E-05	0.00E+00	0.00E+00	6.10E-02
Utah	All Urban Counties	N/A	U	Ethylene Oxide	2.63E-05	4.86E-05	5.73E-04	1.52E-03	3.34E-03	4.06E-03	9.40E-03	1.20E-02	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Formaldehyde	3.66E-01	4.68E-01	6.74E-01	8.64E-01	8.78E-01	1.06E+00	1.20E+00	1.35E+00	7.05E-04	1.46E-01	2.99E-01	1.83E-01	2.50E-01
Utah	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.32E-05	0.00E+00	5.49E-08	0.00E+00	0.00E+00	9.30E-05
Utah	All Urban Counties	N/A	U	Hydrazine	4.44E-11	7.57E-10	4.40E-09	2.00E-08	5.16E-08	4.57E-08	1.45E-07	1.98E-07	0.00E+00	5.16E-08	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Lead Compounds	4.53E-05	1.10E-04	4.36E-04	1.27E-03	1.46E-03	2.12E-03	2.88E-03	3.38E-03	1.54E-04	4.24E-04	3.29E-05	8.47E-04	0.00E+00
Utah	All Urban Counties	N/A	U	Manganese Compounds	7.51E-05	3.17E-04	1.61E-03	4.09E-03	1.11E-02	1.05E-02	2.26E-02	3.41E-02	8.91E-03	2.16E-03	9.72E-06	4.63E-05	0.00E+00
Utah	All Urban Counties	N/A	U	Mercury Compounds	1.51E-03	1.52E-03	1.58E-03	1.62E-03	1.66E-03	1.68E-03	1.73E-03	1.81E-03	7.52E-06	1.39E-04	3.14E-07	1.14E-05	1.50E-03
Utah	All Urban Counties	N/A	U	Methylene Chloride	1.52E-01	1.61E-01	1.97E-01	2.45E-01	2.66E-01	3.11E-01	3.89E-01	4.41E-01	9.73E-03	1.07E-01	0.00E+00	0.00E+00	1.50E-01
Utah	All Urban Counties	N/A	U	Nickel Compounds	1.93E-05	5.63E-05	4.55E-04	1.54E-03	5.25E-03	4.93E-03	1.26E-02	1.87E-02	4.30E-03	9.07E-04	1.83E-05	2.06E-05	0.00E+00
Utah	All Urban Counties	N/A	U	Perchloroethylene	1.41E-01	1.49E-01	1.70E-01	2.08E-01	2.09E-01	2.44E-01	2.72E-01	2.94E-01	1.07E-03	6.78E-02	0.00E+00	0.00E+00	1.40E-01
Utah	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Utah	All Urban Counties	N/A	U	Polycyclic Organic Matter	3.76E-03	8.23E-03	1.71E-02	2.44E-02	3.25E-02	3.48E-02	5.22E-02	8.10E-02	9.47E-04	3.13E-02	1.65E-04	7.77E-05	0.00E+00
Utah	All Urban Counties	N/A	U	7-PAH	2.22E-04	2.60E-04	3.35E-04	4.35E-04	6.67E-04	6.08E-04	9.80E-04	1.76E-03	5.19E-08	5.59E-04	7.33E-05	3.43E-05	0.00E+00
Utah	All Urban Counties	N/A	U	Propylene Dichloride	1.18E-06	2.94E-06	1.76E-05	3.23E-05	3.65E-05	4.53E-05	5.96E-05	7.93E-05	2.42E-05	1.23E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Quinoline	2.87E-10	7.56E-09	2.87E-08	8.17E-08	1.73E-07	1.59E-07	5.00E-07	6.37E-07	3.68E-09	1.69E-07	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	9.40E-06	2.04E-05	1.53E-04	2.73E-04	3.04E-04	3.64E-04	5.05E-04	6.75E-04	2.22E-04	8.20E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Trichloroethylene	8.14E-02	8.24E-02	8.73E-02	9.50E-02	1.02E-01	1.09E-01	1.28E-01	1.47E-01	4.42E-04	2.07E-02	0.00E+00	0.00E+00	8.10E-02
Utah	All Urban Counties	N/A	U	Vinyl Chloride	2.49E-05	5.25E-05	3.97E-04	6.86E-04	7.72E-04	9.50E-04	1.25E-03	1.67E-03	5.45E-04	2.27E-04	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Acetaldehyde	1.15E-02	1.36E-02	2.25E-02	7.96E-02	1.18E-01	1.51E-01	2.20E-01	3.00E-01	7.13E-06	5.76E-02	5.11E-02	9.78E-03	0.00E+00
Utah	All Rural Counties	N/A	R	Acrolein	2.16E-03	3.24E-03	4.92E-03	1.63E-02	5.05E-02	3.47E-02	6.24E-02	1.69E-01	4.35E-06	4.31E-02	6.09E-03	1.28E-03	0.00E+00
Utah	All Rural Counties	N/A	R	Acrylonitrile	3.17E-07	4.68E-07	2.55E-06	7.99E-06	6.27E-05	4.00E-05	1.92E-04	3.65E-04	4.56E-05	1.70E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Arsenic Compounds	7.83E-08	1.38E-07	2.67E-07	2.56E-06	8.92E-06	8.32E-06	1.97E-05	3.41E-05	4.80E-06	4.05E-06	6.39E-08	1.23E-11	0.00E+00
Utah	All Rural Counties	N/A	R	Benzene	4.97E-01	5.02E-01	5.23E-01	5.91E-01	8.75E-01	6.78E-01	1.15E+00	2.39E+00	1.22E-03	2.95E-01	9.24E-02	6.72E-03	4.80E-01
Utah	All Rural Counties	N/A	R	Beryllium Compounds	2.92E-08	4.43E-08	1.02E-07	5.10E-07	1.62E-05	1.67E-06	4.43E-06	9.78E-06	2.44E-07	1.60E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	1,3-Butadiene	1.12E-03	1.53E-03	2.66E-03	9.14E-03	3.84E-02	2.00E-02	4.55E-02	1.05E-01	4.45E-08	2.93E-02	8.63E-03	4.46E-04	0.00E+00
Utah	All Rural Counties	N/A	R	Cadmium Compounds	7.28E-08	8.59E-08	2.18E-07	1.18E-06	3.09E-06	3.58E-06	6.80E-06	1.04E-05	7.29E-07	2.36E-06	0.00E+00	0.00E+00	0.00E+00
Utah	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	1.38E-07	9.25E-06	0.00E+00	0.00E+00	8.80E-01
Utah	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	4.41E-07	7.67E-05	0.00E+00	0.00E+00	8.30E-02
Utah	All Rural Counties	N/A	R	Chromium Compounds	6.05E-07	7.10E-07	1.92E-06	9.97E-06	9.35E-05	4.88E-05	4.96E-04	5.46E-04	7.53E-05	1.01E-05	4.26E-06	3.77E-06	0.00E+00
Utah	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	4.45E-04	5.55E-04	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	1,3-Dichloropropene	8.56E-05	1.57E-04	3.23E-04	1.52E-03	5.53E-03	4.80E-03	1.32E-02	1.43E-02	0.00E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Diesel Particulate Matter	5.38E-02	6.48E-02	1.16E-01	2.01E-01	2.23E-01	3.04E-01	3.54E-01	4.67E-01	0.00E+00	0.00E+00	8.41E-02	1.39E-01	***
Utah	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	2.19E-08	8.62E-09	0.00E+00	0.00E+00	7.70E-03
Utah	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	6.11E-02	6.17E-02	5.63E-06	8.64E-05	0.00E+00	0.00E+00	6.10E-02
Utah	All Rural Counties	N/A	R	Ethylene Oxide	8.09E-07	1.63E-06	5.74E-06	2.32E-05	1.09E-04	9.53E-05	3.50E-04	5.80E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00
Utah																	

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	All Rural Counties	N/A	R	Lead Compounds	1.30E-06	1.78E-06	5.54E-06	1.57E-05	6.69E-05	5.58E-05	2.47E-04	3.15E-04	5.31E-06	2.85E-05	5.99E-06	2.71E-05	0.00E+00
Utah	All Rural Counties	N/A	R	Manganese Compounds	3.17E-06	3.83E-06	9.20E-06	4.46E-05	2.15E-04	3.26E-04	7.21E-04	7.66E-04	8.61E-05	1.24E-04	1.73E-06	3.99E-06	0.00E+00
Utah	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.25E-06	6.46E-06	5.78E-08	1.09E-06	1.50E-03
Utah	All Rural Counties	N/A	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.52E-01	1.63E-01	1.60E-01	1.90E-01	2.06E-01	1.88E-04	1.25E-02	0.00E+00	0.00E+00	1.50E-01
Utah	All Rural Counties	N/A	R	Nickel Compounds	7.47E-07	9.83E-07	2.00E-06	9.19E-06	7.31E-05	7.10E-05	2.84E-04	3.12E-04	4.12E-05	2.70E-05	3.27E-06	1.68E-06	0.00E+00
Utah	All Rural Counties	N/A	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.47E-01	1.46E-01	1.57E-01	1.65E-01	7.68E-05	6.74E-03	0.00E+00	0.00E+00	1.40E-01
Utah	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Utah	All Rural Counties	N/A	R	Polycyclic Organic Matter	3.58E-04	4.27E-04	1.09E-03	2.94E-03	2.18E-02	1.00E-02	4.78E-02	1.09E-01	1.63E-05	2.18E-02	3.02E-05	2.86E-06	0.00E+00
Utah	All Rural Counties	N/A	R	7-PAH	1.21E-05	2.63E-05	4.93E-05	1.72E-04	1.30E-03	5.35E-04	1.44E-03	4.29E-03	5.45E-09	1.29E-03	1.34E-05	1.21E-06	0.00E+00
Utah	All Rural Counties	N/A	R	Propylene Dichloride	1.07E-08	2.06E-08	7.60E-08	3.65E-07	3.53E-06	2.36E-06	1.16E-05	2.20E-05	2.57E-06	9.51E-07	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-10	1.15E-09	2.63E-09	4.84E-09	0.00E+00	8.28E-10	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.44E-09	1.86E-09	1.15E-08	3.00E-06	3.15E-05	2.07E-05	1.06E-04	2.01E-04	2.37E-05	7.85E-06	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.14E-02	8.34E-02	8.27E-02	8.92E-02	9.36E-02	4.29E-05	2.34E-03	0.00E+00	0.00E+00	8.10E-02
Utah	All Rural Counties	N/A	R	Vinyl Chloride	6.60E-09	1.31E-08	5.28E-08	7.46E-06	7.79E-05	5.11E-05	2.60E-04	4.94E-04	5.83E-05	1.95E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Acetaldehyde	2.09E-02	2.09E-02	2.09E-02	2.80E-02	2.80E-02	3.51E-02	3.51E-02	3.51E-02	0.00E+00	1.29E-02	1.37E-02	1.40E-03	0.00E+00
Utah	Beaver	49001	R	Acrolein	1.69E-02	1.69E-02	1.69E-02	2.22E-02	2.22E-02	2.75E-02	2.75E-02	2.75E-02	0.00E+00	2.03E-02	1.79E-03	1.80E-04	0.00E+00
Utah	Beaver	49001	R	Acrylonitrile	5.31E-07	5.31E-07	5.31E-07	6.42E-07	6.42E-07	7.53E-07	7.53E-07	7.53E-07	0.00E+00	6.42E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Arsenic Compounds	1.79E-07	1.79E-07	1.79E-07	3.05E-07	3.05E-07	4.31E-07	4.31E-07	4.31E-07	0.00E+00	2.96E-07	8.39E-09	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Benzene	5.20E-01	5.20E-01	5.20E-01	5.35E-01	5.35E-01	5.50E-01	5.50E-01	5.50E-01	0.00E+00	3.49E-02	1.93E-02	7.83E-04	4.80E-01
Utah	Beaver	49001	R	Beryllium Compounds	7.91E-08	7.91E-08	7.91E-08	1.33E-07	1.33E-07	1.87E-07	1.87E-07	1.87E-07	0.00E+00	1.33E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	1,3-Butadiene	3.56E-03	3.56E-03	3.56E-03	6.50E-03	6.50E-03	9.44E-03	9.44E-03	9.44E-03	0.00E+00	5.12E-03	1.33E-03	5.57E-05	0.00E+00
Utah	Beaver	49001	R	Cadmium Compounds	9.96E-08	9.96E-08	9.96E-08	1.65E-07	1.65E-07	2.30E-07	2.30E-07	2.30E-07	0.00E+00	1.65E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	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	1.99E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Beaver	49001	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.33E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Beaver	49001	R	Chromium Compounds	8.32E-07	8.32E-07	8.32E-07	1.32E-06	1.32E-06	1.80E-06	1.80E-06	1.80E-06	0.00E+00	2.92E-07	5.98E-07	4.25E-07	0.00E+00
Utah	Beaver	49001	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
Utah	Beaver	49001	R	1,3-Dichloropropene	2.52E-04	2.52E-04	2.52E-04	4.30E-04	4.30E-04	6.08E-04	6.08E-04	6.08E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Diesel Particulate Matter	8.19E-02	8.19E-02	8.19E-02	8.57E-02	8.57E-02	8.95E-02	8.95E-02	8.95E-02	0.00E+00	0.00E+00	2.96E-02	5.61E-02	***
Utah	Beaver	49001	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Beaver	49001	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	1.74E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Beaver	49001	R	Ethylene Oxide	1.01E-05	1.01E-05	1.01E-05	1.65E-05	1.65E-05	2.29E-05	2.29E-05	2.29E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Formaldehyde	3.17E-01	3.17E-01	3.17E-01	3.43E-01	3.43E-01	3.70E-01	3.70E-01	3.70E-01	0.00E+00	7.85E-02	1.28E-02	1.90E-03	2.50E-01
Utah	Beaver	49001	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	2.83E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Beaver	49001	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Lead Compounds	1.30E-06	1.30E-06	1.30E-06	2.15E-06	2.15E-06	3.00E-06	3.00E-06	3.00E-06	0.00E+00	1.32E-06	8.27E-07	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Manganese Compounds	7.42E-06	7.42E-06	7.42E-06	1.24E-05	1.24E-05	1.74E-05	1.74E-05	1.74E-05	0.00E+00	1.17E-05	2.35E-07	4.64E-07	0.00E+00
Utah	Beaver	49001	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	1.09E-05	7.74E-09	1.23E-07	1.50E-03
Utah	Beaver	49001	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	8.18E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Beaver	49001	R	Nickel Compounds	1.14E-06	1.14E-06	1.14E-06	1.94E-06	1.94E-06	2.73E-06	2.73E-06	2.73E-06	0.00E+00	1.28E-06	4.61E-07	1.93E-07	0.00E+00
Utah	Beaver	49001	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	2.21E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Beaver	49001	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
Utah	Beaver	49001	R	Polycyclic Organic Matter	1.97E-03	1.97E-03	1.97E-03	2.78E-03	2.78E-03	3.58E-03	3.58E-03	3.58E-03	0.00E+00	2.77E-03	4.33E-06	2.61E-07	0.00E+00
Utah	Beaver	49001	R	7-PAH	3.32E-04	3.32E-04	3.32E-04	4.64E-04	4.64E-04	5.96E-04	5.96E-04	5.96E-04	0.00E+00	4.62E-04	1.92E-06	1.23E-07	0.00E+00
Utah	Beaver	49001	R	Propylene Dichloride	1.58E-08	1.58E-08	1.58E-08	1.92E-08	1.92E-08	2.25E-08	2.25E-08	2.25E-08	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	1,1,2,2-Tetrachloroethane	2.41E-09	2.41E-09	2.41E-09	2.91E-09	2.91E-09	3.41E-09	3.41E-09	3.41E-09	0.00E+00	2.91E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver	49001	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.38E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Beaver	49001	R	Vinyl Chloride	9.22E-09	9.22E-09	9.22E-09	1.12E-08	1.12E-08	1.31E-08	1.31E-08	1.31E-08	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	Acetaldehyde	3.66E-02	3.66E-02	1.05E-01	1.23E-01	1.21E-01	1.53E-01	1.71E-01	1.71E-01	5.61E-07	2.47E-02	6.76E-02	2.88E-02	0.00E+00
Utah	Box Elder	49003	U	Acrolein	1.64E-02	1.64E-02	2.44E-02	3.12E-02	3.24E-02	3.54E-02	6.06E-02	6.06E-02	3.79E-07	2.16E-02	8.03E-03	2.78E-03	0.00E+00
Utah	Box Elder	49003	U	Acrylonitrile	2.13E-05	2.13E-05	5.03E-05	5.83E-05	5.76E-05	6.55E-05	9.16E-05	9.16E-05	2.80E-05	2.96E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	Arsenic Compounds	4.80E-06	4.80E-06	1.82E-05	2.06E-05	2.13E-05	2.78E-05	3.23E-05	3.23E-05	4.26E-07	2.08E-05	9.37E-08	9.65E-12	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Box Elder	49003	U	Benzene	5.45E-01	5.45E-01	6.26E-01	7.49E-01	7.68E-01	8.89E-01	1.07E+00	1.07E+00	7.41E-05	7.94E-02	1.21E-01	8.75E-02	4.80E-01
Utah	Box Elder	49003	U	Beryllium Compounds	1.08E-06	1.08E-06	2.53E-06	4.80E-06	4.47E-06	5.54E-06	8.97E-06	8.97E-06	1.84E-07	4.29E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	1,3-Butadiene	5.94E-03	5.94E-03	9.14E-03	2.54E-02	2.77E-02	4.40E-02	5.83E-02	5.83E-02	0.00E+00	9.65E-03	1.08E-02	7.24E-03	0.00E+00
Utah	Box Elder	49003	U	Cadmium Compounds	3.44E-06	3.44E-06	7.22E-06	9.77E-06	9.33E-06	1.16E-05	1.40E-05	1.40E-05	4.33E-07	8.90E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	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	9.20E-08	1.65E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Box Elder	49003	U	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	2.99E-07	1.32E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Box Elder	49003	U	Chromium Compounds	5.35E-06	5.35E-06	2.40E-05	4.73E-05	3.91E-05	4.90E-05	6.64E-05	6.64E-05	5.68E-07	2.86E-05	6.31E-06	3.55E-06	0.00E+00
Utah	Box Elder	49003	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
Utah	Box Elder	49003	U	1,3-Dichloropropene	3.31E-04	3.31E-04	3.90E-03	1.04E-02	1.21E-02	1.83E-02	3.14E-02	3.14E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	Diesel Particulate Matter	1.92E-01	1.92E-01	2.92E-01	3.46E-01	3.68E-01	4.31E-01	6.15E-01	6.15E-01	0.00E+00	0.00E+00	9.41E-02	2.74E-01	***
Utah	Box Elder	49003	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.57E-08	4.02E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Box Elder	49003	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	3.42E-06	1.88E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Box Elder	49003	U	Ethylene Oxide	7.53E-06	7.53E-06	3.38E-05	8.18E-05	9.05E-05	1.29E-04	2.26E-04	2.26E-04	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	Formaldehyde	3.29E-01	3.29E-01	3.90E-01	4.47E-01	4.55E-01	5.08E-01	6.20E-01	6.20E-01	3.03E-05	1.04E-01	6.67E-02	3.39E-02	2.50E-01
Utah	Box Elder	49003	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.33E-05	9.34E-05	9.39E-05	9.39E-05	0.00E+00	2.56E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Box Elder	49003	U	Hydrazine	1.78E-10	1.78E-10	1.90E-09	4.88E-09	8.87E-09	1.89E-08	1.94E-08	1.94E-08	0.00E+00	8.87E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	Lead Compounds	4.65E-05	4.65E-05	1.12E-04	1.37E-04	1.36E-04	1.70E-04	2.06E-04	2.06E-04	1.94E-06	1.26E-04	8.97E-06	1.30E-08	0.00E+00
Utah	Box Elder	49003	U	Manganese Compounds	3.17E-04	3.17E-04	8.41E-04	1.73E-03	1.70E-03	2.18E-03	3.82E-03	3.82E-03	5.59E-07	1.70E-03	2.59E-06	4.48E-06	0.00E+00
Utah	Box Elder	49003	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-06	1.62E-05	8.74E-08	9.71E-07	1.50E-03
Utah	Box Elder	49003	U	Methylene Chloride	1.51E-01	1.51E-01	1.57E-01	1.69E-01	1.70E-01	1.78E-01	1.97E-01	1.97E-01	1.04E-04	1.95E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Box Elder	49003	U	Nickel Compounds	4.68E-05	4.68E-05	5.18E-05	7.35E-05	8.76E-05	1.26E-04	1.52E-04	1.52E-04	8.33E-06	7.24E-05	4.81E-06	2.01E-06	0.00E+00
Utah	Box Elder	49003	U	Perchloroethylene	1.40E-01	1.40E-01	1.44E-01	1.47E-01	1.48E-01	1.51E-01	1.58E-01	1.58E-01	6.13E-05	7.60E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Box Elder	49003	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
Utah	Box Elder	49003	U	Polycyclic Organic Matter	2.07E-03	2.07E-03	4.04E-03	7.77E-03	8.76E-03	1.33E-02	1.79E-02	1.79E-02	8.90E-07	8.69E-03	4.43E-05	2.16E-05	0.00E+00
Utah	Box Elder	49003	U	7-PAH	2.50E-04	2.50E-04	3.86E-04	5.37E-04	5.88E-04	6.34E-04	1.34E-03	1.34E-03	1.46E-08	5.57E-04	1.97E-05	1.11E-05	0.00E+00
Utah	Box Elder	49003	U	Propylene Dichloride	1.26E-06	1.26E-06	3.02E-06	3.83E-06	3.60E-06	4.15E-06	5.55E-06	5.55E-06	1.70E-06	1.90E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	Quinoline	1.32E-09	1.32E-09	1.56E-08	2.39E-08	3.31E-08	6.10E-08	6.24E-08	6.24E-08	0.00E+00	3.31E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	1,1,2,2-Tetrachloroethane	1.10E-05	1.10E-05	2.42E-05	2.89E-05	2.88E-05	3.28E-05	4.73E-05	4.73E-05	1.55E-05	1.32E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder	49003	U	Trichloroethylene	8.11E-02	8.11E-02	8.21E-02	8.35E-02	8.36E-02	8.48E-02	8.70E-02	8.70E-02	3.11E-05	2.56E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Box Elder	49003	U	Vinyl Chloride	2.72E-05	2.72E-05	6.21E-05	8.32E-05	7.90E-05	9.08E-05	1.33E-04	1.33E-04	3.83E-05	4.07E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Acetaldehyde	1.59E-02	1.82E-02	9.04E-02	1.21E-01	1.45E-01	1.59E-01	2.11E-01	6.44E-01	7.05E-07	4.80E-02	8.33E-02	1.35E-02	0.00E+00
Utah	Cache	49005	U	Acrolein	5.39E-03	8.11E-03	1.92E-02	3.00E-02	6.06E-02	3.79E-02	5.20E-02	6.50E-01	3.61E-07	5.03E-02	8.66E-03	1.61E-03	0.00E+00
Utah	Cache	49005	U	Acrylonitrile	1.02E-05	1.02E-05	1.88E-05	5.12E-05	4.58E-05	6.34E-05	6.82E-05	7.20E-05	8.75E-06	3.70E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Arsenic Compounds	3.08E-06	3.13E-06	4.53E-06	1.28E-05	1.96E-05	3.07E-05	5.23E-05	6.01E-05	5.29E-07	1.91E-05	5.26E-08	8.92E-11	0.00E+00
Utah	Cache	49005	U	Benzene	4.99E-01	5.05E-01	6.18E-01	7.44E-01	9.13E-01	1.01E+00	1.58E+00	2.24E+00	2.45E-05	2.28E-01	1.85E-01	2.00E-02	4.80E-01
Utah	Cache	49005	U	Beryllium Compounds	2.27E-07	2.52E-07	8.70E-07	3.52E-06	6.20E-06	1.04E-05	1.96E-05	2.20E-05	2.81E-08	6.17E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	1,3-Butadiene	8.66E-04	2.29E-03	9.48E-03	2.73E-02	6.07E-02	5.36E-02	7.69E-02	6.11E-01	0.00E+00	3.80E-02	2.02E-02	2.46E-03	0.00E+00
Utah	Cache	49005	U	Cadmium Compounds	6.62E-07	7.23E-07	2.54E-06	6.37E-06	9.66E-06	1.55E-05	2.64E-05	3.02E-05	7.50E-08	9.58E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.60E-08	2.16E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Cache	49005	U	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.35E-02	9.33E-08	2.05E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Cache	49005	U	Chromium Compounds	3.54E-06	3.90E-06	7.02E-06	1.72E-05	2.35E-05	3.51E-05	5.92E-05	6.79E-05	4.14E-07	1.41E-05	3.39E-06	5.60E-06	0.00E+00
Utah	Cache	49005	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
Utah	Cache	49005	U	1,3-Dichloropropene	3.22E-04	3.47E-04	2.63E-03	1.00E-02	1.94E-02	3.01E-02	6.35E-02	7.36E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Diesel Particulate Matter	2.30E-01	2.35E-01	2.80E-01	3.70E-01	4.33E-01	5.49E-01	7.18E-01	8.51E-01	0.00E+00	0.00E+00	1.29E-01	3.04E-01	***
Utah	Cache	49005	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	4.89E-09	6.65E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Cache	49005	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.12E-02	1.11E-06	3.91E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Cache	49005	U	Ethylene Oxide	1.04E-05	1.10E-05	2.63E-05	4.95E-05	2.02E-04	3.58E-04	8.73E-04	8.94E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Formaldehyde	2.76E-01	2.89E-01	3.64E-01	4.48E-01	6.42E-01	5.64E-01	6.36E-01	4.19E+00	4.25E-06	2.78E-01	9.38E-02	2.09E-02	2.50E-01
Utah	Cache	49005	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.34E-05	9.34E-05	0.00E+00	8.77E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Cache	49005	U	Hydrazine	4.94E-11	5.56E-11	7.57E-10	8.05E-09	2.26E-08	3.23E-08	8.15E-08	1.04E-07	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Lead Compounds	1.13E-05	1.16E-05	5.80E-05	2.24E-04	4.09E-04	6.17E-04	1.35E-03	1.47E-03	5.60E-07	4.03E-04	4.79E-06	3.08E-10	0.00E+00
Utah	Cache	49005	U	Manganese Compounds	2.52E-05	3.24E-05	1.32E-04	3.08E-04	5.35E-04	8.41E-04	1.59E-03	1.79E-03	5.92E-07	5.26E-04	1.40E-06	7.08E-06	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Cache	49005	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.55E-03	2.85E-07	1.92E-05	4.64E-08	1.48E-06	1.50E-03
Utah	Cache	49005	U	Methylene Chloride	1.51E-01	1.51E-01	1.54E-01	1.67E-01	1.86E-01	2.10E-01	2.69E-01	2.92E-01	3.11E-05	3.55E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Cache	49005	U	Nickel Compounds	4.95E-06	5.37E-06	2.29E-05	8.05E-05	1.67E-04	2.56E-04	5.84E-04	5.88E-04	4.76E-07	1.60E-04	2.62E-06	3.33E-06	0.00E+00
Utah	Cache	49005	U	Perchloroethylene	1.40E-01	1.40E-01	1.43E-01	1.58E-01	1.69E-01	1.90E-01	2.37E-01	2.56E-01	1.59E-05	2.94E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Cache	49005	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
Utah	Cache	49005	U	Polycyclic Organic Matter	6.81E-04	1.11E-03	3.64E-03	8.56E-03	2.16E-02	2.44E-02	5.61E-02	1.27E-01	3.91E-08	2.16E-02	2.38E-05	5.47E-06	0.00E+00
Utah	Cache	49005	U	7-PAH	8.34E-05	1.54E-04	2.18E-04	3.59E-04	1.53E-03	5.01E-04	1.13E-03	2.16E-02	5.24E-10	1.52E-03	1.06E-05	2.71E-06	0.00E+00
Utah	Cache	49005	U	Propylene Dichloride	5.87E-07	5.87E-07	1.12E-06	3.12E-06	2.97E-06	4.14E-06	5.05E-06	5.58E-06	5.30E-07	2.45E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Quinoline	1.28E-09	1.43E-09	7.81E-09	2.96E-08	6.40E-08	9.48E-08	2.11E-07	2.68E-07	0.00E+00	6.40E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	1,1,2,2-Tetrachloroethane	4.82E-06	4.83E-06	8.13E-06	2.37E-05	2.01E-05	2.70E-05	3.05E-05	3.44E-05	4.85E-06	1.52E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Cache	49005	U	Trichloroethylene	8.11E-02	8.11E-02	8.16E-02	8.30E-02	8.70E-02	9.09E-02	1.01E-01	1.06E-01	9.38E-06	5.96E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Cache	49005	U	Vinyl Chloride	1.20E-05	1.21E-05	2.05E-05	5.85E-05	5.20E-05	7.20E-05	8.03E-05	8.77E-05	1.19E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Acetaldehyde	4.22E-02	4.22E-02	4.93E-02	1.89E-01	1.90E-01	3.02E-01	3.75E-01	3.75E-01	2.28E-05	2.15E-02	1.63E-01	5.84E-03	0.00E+00
Utah	Carbon	49007	R	Acrolein	5.18E-03	5.18E-03	1.28E-02	2.18E-02	2.26E-02	3.36E-02	4.05E-02	4.05E-02	1.16E-05	3.67E-03	1.79E-02	1.08E-03	0.00E+00
Utah	Carbon	49007	R	Acrylonitrile	1.92E-04	1.92E-04	3.25E-04	3.91E-04	4.35E-04	4.30E-04	8.77E-04	8.77E-04	4.31E-04	3.89E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Arsenic Compounds	3.05E-07	3.05E-07	1.52E-05	2.45E-05	4.12E-05	8.21E-05	1.01E-04	1.01E-04	2.11E-05	1.98E-05	2.67E-07	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Benzene	5.57E-01	5.57E-01	5.91E-01	1.77E+00	2.16E+00	3.40E+00	4.87E+00	4.87E+00	1.27E-03	1.30E+00	3.72E-01	5.50E-03	4.80E-01
Utah	Carbon	49007	R	Beryllium Compounds	1.07E-07	1.07E-07	1.08E-06	6.96E-06	9.60E-06	1.84E-05	2.41E-05	2.41E-05	1.09E-06	8.51E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	1,3-Butadiene	5.30E-03	5.30E-03	6.02E-03	3.09E-02	4.11E-02	6.92E-02	1.05E-01	1.05E-01	0.00E+00	4.09E-04	4.02E-02	5.12E-04	0.00E+00
Utah	Carbon	49007	R	Cadmium Compounds	8.92E-07	8.92E-07	2.54E-06	9.70E-06	1.37E-05	2.73E-05	3.19E-05	3.19E-05	2.65E-06	1.10E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	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	1.36E-06	1.31E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Carbon	49007	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.32E-02	8.32E-02	8.34E-02	8.36E-02	8.36E-02	4.11E-06	2.33E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Carbon	49007	R	Chromium Compounds	5.08E-06	5.08E-06	1.40E-05	3.75E-05	5.25E-05	1.07E-04	1.13E-04	1.13E-04	1.35E-05	1.85E-05	1.79E-05	2.58E-06	0.00E+00
Utah	Carbon	49007	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
Utah	Carbon	49007	R	1,3-Dichloropropene	3.56E-04	3.56E-04	1.12E-03	2.22E-02	3.03E-02	5.32E-02	8.27E-02	8.27E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Diesel Particulate Matter	1.38E-01	1.38E-01	1.81E-01	3.06E-01	3.32E-01	4.67E-01	5.92E-01	5.92E-01	0.00E+00	0.00E+00	1.92E-01	1.39E-01	***
Utah	Carbon	49007	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.02E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Carbon	49007	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.15E-02	6.16E-02	6.21E-02	6.26E-02	6.26E-02	5.04E-05	5.66E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Carbon	49007	R	Ethylene Oxide	9.16E-06	9.16E-06	2.08E-05	3.72E-04	4.83E-04	8.53E-04	1.27E-03	1.27E-03	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Formaldehyde	2.96E-01	2.96E-01	3.24E-01	4.58E-01	4.94E-01	6.38E-01	7.89E-01	7.89E-01	1.32E-05	4.79E-02	1.88E-01	8.56E-03	2.50E-01
Utah	Carbon	49007	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	2.65E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Carbon	49007	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Lead Compounds	1.38E-05	1.38E-05	2.67E-05	1.18E-04	1.67E-04	3.15E-04	4.12E-04	4.12E-04	2.18E-05	1.20E-04	2.56E-05	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Manganese Compounds	1.23E-05	1.23E-05	4.46E-05	4.98E-04	6.61E-04	1.20E-03	1.71E-03	1.71E-03	2.53E-05	6.25E-04	7.41E-06	3.02E-06	0.00E+00
Utah	Carbon	49007	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	4.00E-06	2.06E-05	2.47E-07	7.12E-07	1.50E-03
Utah	Carbon	49007	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.93E-01	2.08E-01	2.51E-01	3.07E-01	3.07E-01	1.32E-03	5.68E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Carbon	49007	R	Nickel Compounds	4.16E-06	4.16E-06	1.69E-05	1.04E-04	1.44E-04	2.71E-04	3.63E-04	3.63E-04	1.44E-05	1.14E-04	1.37E-05	1.34E-06	0.00E+00
Utah	Carbon	49007	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.65E-01	1.75E-01	2.00E-01	2.35E-01	2.35E-01	6.65E-04	3.39E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Carbon	49007	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
Utah	Carbon	49007	R	Polycyclic Organic Matter	2.36E-03	2.36E-03	3.72E-03	7.14E-02	9.58E-02	1.68E-01	2.58E-01	2.58E-01	1.00E-06	9.57E-02	1.26E-04	1.83E-06	0.00E+00
Utah	Carbon	49007	R	7-PAH	1.21E-05	1.21E-05	3.64E-05	8.62E-05	9.48E-05	1.42E-04	2.06E-04	2.06E-04	2.04E-08	3.81E-05	5.58E-05	8.83E-07	0.00E+00
Utah	Carbon	49007	R	Propylene Dichloride	1.16E-05	1.16E-05	1.96E-05	2.36E-05	2.42E-05	2.59E-05	4.10E-05	4.10E-05	2.41E-05	1.16E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	1,1,2,2-Tetrachloroethane	1.06E-04	1.06E-04	1.78E-04	2.15E-04	2.22E-04	2.36E-04	3.81E-04	3.81E-04	2.22E-04	1.76E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon	49007	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.85E-02	9.11E-02	9.86E-02	1.08E-01	1.08E-01	3.97E-04	9.75E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Carbon	49007	R	Vinyl Chloride	2.60E-04	2.60E-04	4.39E-04	5.29E-04	5.46E-04	5.81E-04	9.38E-04	9.38E-04	5.46E-04	6.76E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Acetaldehyde	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.42E-04	5.23E-03	3.22E-03	1.69E-03	0.00E+00
Utah	Daggett	49009	R	Acrolein	1.98E-03	1.98E-03	1.98E-03	1.98E-03	1.98E-03	1.98E-03	1.98E-03	1.98E-03	1.09E-04	1.25E-03	4.41E-04	1.83E-04	0.00E+00
Utah	Daggett	49009	R	Acrylonitrile	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Arsenic Compounds	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	0.00E+00	5.49E-08	4.44E-09	8.23E-11	0.00E+00
Utah	Daggett	49009	R	Benzene	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	8.50E-03	3.36E-03	5.89E-03	2.92E-03	4.80E-01
Utah	Daggett	49009	R	Beryllium Compounds	2.31E-08	2.31E-08	2.31E-08	2.31E-08	2.31E-08	2.31E-08	2.31E-08	2.31E-08	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Daggett	49009	R	1,3-Butadiene	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	0.00E+00	4.55E-04	5.01E-04	1.60E-04	0.00E+00
Utah	Daggett	49009	R	Cadmium Compounds	3.51E-08	3.51E-08	3.51E-08	3.51E-08	3.51E-08	3.51E-08	3.51E-08	3.51E-08	0.00E+00	3.51E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	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	1.94E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Daggett	49009	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.10E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Daggett	49009	R	Chromium Compounds	8.45E-07	8.45E-07	8.45E-07	8.45E-07	8.45E-07	8.45E-07	8.45E-07	8.45E-07	0.00E+00	1.84E-07	2.81E-07	3.81E-07	0.00E+00
Utah	Daggett	49009	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
Utah	Daggett	49009	R	1,3-Dichloropropene	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Diesel Particulate Matter	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	0.00E+00	0.00E+00	3.57E-02	7.09E-02	***
Utah	Daggett	49009	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.25E-09	0.00E+00	0.00E+00	7.70E-03
Utah	Daggett	49009	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	1.32E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Daggett	49009	R	Ethylene Oxide	2.36E-06	2.36E-06	2.36E-06	2.36E-06	2.36E-06	2.36E-06	2.36E-06	2.36E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Formaldehyde	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	0.00E+00	2.63E-03	9.18E-03	3.58E-03	1.82E-03
Utah	Daggett	49009	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	2.16E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Daggett	49009	R	Hydrazine	8.84E-11	8.84E-11	8.84E-11	8.84E-11	8.84E-11	8.84E-11	8.84E-11	8.84E-11	0.00E+00	8.84E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Lead Compounds	8.35E-07	8.35E-07	8.35E-07	8.35E-07	8.35E-07	8.35E-07	8.35E-07	8.35E-07	0.00E+00	4.46E-07	3.88E-07	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Manganese Compounds	2.37E-06	2.37E-06	2.37E-06	2.37E-06	2.37E-06	2.37E-06	2.37E-06	2.37E-06	0.00E+00	1.85E-06	1.14E-07	4.02E-07	0.00E+00
Utah	Daggett	49009	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	1.26E-07	3.67E-09	1.10E-07	1.50E-03
Utah	Daggett	49009	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	2.33E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Daggett	49009	R	Nickel Compounds	7.63E-07	7.63E-07	7.63E-07	7.63E-07	7.63E-07	7.63E-07	7.63E-07	7.63E-07	0.00E+00	3.73E-07	2.21E-07	1.70E-07	0.00E+00
Utah	Daggett	49009	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	7.91E-05	0.00E+00	0.00E+00	1.40E-01
Utah	Daggett	49009	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
Utah	Daggett	49009	R	Polycyclic Organic Matter	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	0.00E+00	2.00E-04	2.02E-06	1.44E-06	0.00E+00
Utah	Daggett	49009	R	7-PAH	2.90E-05	2.90E-05	2.90E-05	2.90E-05	2.90E-05	2.90E-05	2.90E-05	2.90E-05	0.00E+00	2.74E-05	8.95E-07	7.36E-07	0.00E+00
Utah	Daggett	49009	R	Propylene Dichloride	6.64E-07	6.64E-07	6.64E-07	6.64E-07	6.64E-07	6.64E-07	6.64E-07	6.64E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Quinoline	4.17E-10	4.17E-10	4.17E-10	4.17E-10	4.17E-10	4.17E-10	4.17E-10	4.17E-10	0.00E+00	4.17E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	1,1,2,2-Tetrachloroethane	5.87E-06	5.87E-06	5.87E-06	5.87E-06	5.87E-06	5.87E-06	5.87E-06	5.87E-06	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett	49009	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	4.75E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Daggett	49009	R	Vinyl Chloride	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Acetaldehyde	3.92E-01	4.07E-01	4.62E-01	5.68E-01	5.73E-01	6.86E-01	7.61E-01	7.83E-01	5.04E-05	1.69E-01	2.62E-01	1.42E-01	0.00E+00
Utah	Davis	49011	U	Acrolein	4.25E-02	4.50E-02	4.79E-02	5.75E-02	5.91E-02	6.68E-02	8.00E-02	8.12E-02	2.22E-05	1.34E-02	2.94E-02	1.63E-02	0.00E+00
Utah	Davis	49011	U	Acrylonitrile	3.30E-04	3.48E-04	3.99E-04	4.99E-04	5.61E-04	6.00E-04	7.50E-04	1.35E-03	1.30E-04	4.31E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Arsenic Compounds	2.80E-05	3.21E-05	4.62E-05	5.35E-05	5.88E-05	7.16E-05	9.39E-05	1.04E-04	3.71E-05	2.14E-05	3.38E-07	0.00E+00	0.00E+00
Utah	Davis	49011	U	Benzene	8.81E-01	9.13E-01	1.04E+00	1.19E+00	1.24E+00	1.35E+00	1.66E+00	1.84E+00	2.06E-02	7.99E-02	5.45E-01	1.20E-01	4.80E-01
Utah	Davis	49011	U	Beryllium Compounds	2.12E-06	2.49E-06	2.84E-06	3.38E-06	4.20E-06	5.77E-06	7.67E-06	8.52E-06	1.07E-06	3.13E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	1,3-Butadiene	2.55E-02	3.07E-02	4.74E-02	6.54E-02	6.95E-02	8.43E-02	1.16E-01	1.40E-01	1.26E-05	4.44E-03	5.46E-02	1.05E-02	0.00E+00
Utah	Davis	49011	U	Cadmium Compounds	2.15E-05	2.58E-05	2.82E-05	3.52E-05	4.10E-05	4.43E-05	7.73E-05	8.41E-05	2.47E-05	1.63E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.83E-07	2.08E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Davis	49011	U	Chloroform	8.38E-02	8.39E-02	8.40E-02	8.43E-02	8.44E-02	8.44E-02	8.51E-02	8.63E-02	1.39E-06	1.41E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Davis	49011	U	Chromium Compounds	5.72E-04	1.24E-03	1.49E-03	2.24E-03	4.95E-03	5.15E-03	1.52E-02	2.00E-02	1.67E-03	3.21E-03	2.07E-05	4.66E-05	0.00E+00
Utah	Davis	49011	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
Utah	Davis	49011	U	1,3-Dichloropropene	1.49E-02	1.74E-02	2.81E-02	3.91E-02	3.99E-02	4.72E-02	6.80E-02	8.62E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Diesel Particulate Matter	6.12E-01	6.33E-01	7.38E-01	8.35E-01	9.71E-01	1.20E+00	1.48E+00	1.72E+00	0.00E+00	0.00E+00	2.50E-01	7.21E-01	***
Utah	Davis	49011	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	7.28E-08	2.37E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Davis	49011	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	1.67E-05	5.51E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Davis	49011	U	Ethylene Oxide	5.26E-04	5.31E-04	5.77E-04	6.99E-04	9.73E-04	1.20E-03	1.62E-03	2.98E-03	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Formaldehyde	6.22E-01	6.74E-01	7.24E-01	8.40E-01	8.65E-01	9.34E-01	1.14E+00	1.19E+00	1.18E-03	1.47E-01	2.65E-01	2.02E-01	2.50E-01
Utah	Davis	49011	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	8.93E-09	0.00E+00	0.00E+00	9.30E-05
Utah	Davis	49011	U	Hydrazine	1.48E-09	1.55E-09	1.75E-09	2.01E-09	7.41E-09	8.56E-09	2.44E-08	3.52E-08	0.00E+00	7.41E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Lead Compounds	7.23E-04	7.65E-04	8.90E-04	1.11E-03	1.23E-03	1.45E-03	1.86E-03	2.13E-03	1.88E-04	3.64E-04	2.90E-05	6.52E-04	0.00E+00
Utah	Davis	49011	U	Manganese Compounds	1.49E-03	1.87E-03	2.30E-03	3.02E-03	5.63E-03	5.84E-03	1.60E-02	1.93E-02	1.87E-03	3.70E-03	8.58E-06	5.09E-05	0.00E+00
Utah	Davis	49011	U	Mercury Compounds	1.57E-03	1.57E-03	1.58E-03	1.60E-03	1.62E-03	1.63E-03	1.67E-03	1.76E-03	3.64E-05	6.66E-05	2.79E-07	1.32E-05	1.50E-03
Utah	Davis	49011	U	Methylene Chloride	1.78E-01	1.84E-01	1.88E-01	2.08E-01	2.45E-01	3.05E-01	3.71E-01	3.89E-01	3.34E-03	9.20E-02	0.00E+00	0.00E+00	1.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Davis	49011	U	Nickel Compounds	6.33E-04	9.16E-04	1.06E-03	1.60E-03	4.22E-03	4.82E-03	1.37E-02	1.79E-02	1.12E-03	3.06E-03	1.62E-05	2.22E-05	0.00E+00
Utah	Davis	49011	U	Perchloroethylene	1.55E-01	1.58E-01	1.64E-01	1.80E-01	1.86E-01	2.06E-01	2.32E-01	2.45E-01	6.04E-04	4.56E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Davis	49011	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
Utah	Davis	49011	U	Polycyclic Organic Matter	8.39E-03	1.01E-02	1.28E-02	1.84E-02	1.93E-02	2.23E-02	3.14E-02	3.65E-02	1.71E-03	1.74E-02	1.46E-04	5.13E-05	0.00E+00
Utah	Davis	49011	U	7-PAH	2.30E-04	2.55E-04	2.89E-04	4.48E-04	4.87E-04	5.97E-04	7.84E-04	9.80E-04	2.77E-07	4.01E-04	6.50E-05	2.15E-05	0.00E+00
Utah	Davis	49011	U	Propylene Dichloride	1.91E-05	2.02E-05	2.31E-05	2.88E-05	3.25E-05	3.47E-05	4.35E-05	7.70E-05	7.88E-06	2.46E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Quinoline	2.08E-08	2.15E-08	2.29E-08	2.64E-08	3.95E-08	4.16E-08	8.55E-08	1.22E-07	0.00E+00	3.95E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	1,1,2,2-Tetrachloroethane	1.62E-04	1.71E-04	1.96E-04	2.45E-04	2.75E-04	2.94E-04	3.67E-04	6.55E-04	7.22E-05	2.03E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Davis	49011	U	Trichloroethylene	8.49E-02	8.50E-02	8.55E-02	8.78E-02	9.77E-02	1.10E-01	1.26E-01	1.37E-01	1.56E-04	1.66E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Davis	49011	U	Vinyl Chloride	4.15E-04	4.36E-04	5.05E-04	6.09E-04	6.90E-04	7.33E-04	9.12E-04	1.62E-03	1.78E-04	5.12E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Acetaldehyde	1.63E-02	1.63E-02	5.64E-02	1.44E-01	1.32E-01	1.97E-01	2.47E-01	2.47E-01	0.00E+00	5.29E-02	6.51E-02	1.42E-02	0.00E+00
Utah	Duchesne	49013	R	Acrolein	1.15E-02	1.15E-02	2.09E-02	3.08E-02	2.73E-02	3.66E-02	3.66E-02	3.66E-02	0.00E+00	1.75E-02	7.99E-03	1.78E-03	0.00E+00
Utah	Duchesne	49013	R	Acrylonitrile	2.42E-06	2.42E-06	2.54E-06	2.55E-06	3.82E-06	4.22E-06	7.40E-06	7.40E-06	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Arsenic Compounds	9.87E-09	9.87E-09	2.29E-07	1.23E-06	4.17E-06	9.68E-06	9.68E-06	9.68E-06	0.00E+00	4.09E-06	7.44E-08	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Benzene	5.42E-01	5.42E-01	6.77E-01	6.80E-01	1.29E+00	2.29E+00	2.29E+00	2.29E+00	8.45E-03	6.84E-01	1.14E-01	7.64E-03	4.80E-01
Utah	Duchesne	49013	R	Beryllium Compounds	0.00E+00	0.00E+00	9.04E-08	5.29E-07	1.77E-06	4.11E-06	4.11E-06	4.11E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	1,3-Butadiene	3.68E-03	3.68E-03	5.21E-03	1.09E-02	1.58E-02	2.95E-02	2.95E-02	2.95E-02	0.00E+00	5.01E-03	1.02E-02	5.75E-04	0.00E+00
Utah	Duchesne	49013	R	Cadmium Compounds	1.10E-07	1.10E-07	2.82E-07	7.48E-07	2.29E-06	5.16E-06	5.16E-06	5.16E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	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	1.19E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Duchesne	49013	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	9.29E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Duchesne	49013	R	Chromium Compounds	4.26E-07	4.26E-07	2.04E-06	7.46E-06	1.52E-05	3.31E-05	3.31E-05	3.31E-05	0.00E+00	3.89E-06	5.04E-06	6.29E-06	0.00E+00
Utah	Duchesne	49013	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
Utah	Duchesne	49013	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.19E-04	1.94E-03	6.17E-03	1.43E-02	1.43E-02	1.43E-02	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Diesel Particulate Matter	1.60E-01	1.60E-01	1.77E-01	2.13E-01	3.30E-01	5.49E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	9.27E-02	2.37E-01	***
Utah	Duchesne	49013	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Duchesne	49013	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.17E-02	6.17E-02	6.17E-02	0.00E+00	2.73E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Duchesne	49013	R	Ethylene Oxide	2.42E-06	2.42E-06	1.40E-05	2.06E-05	2.39E-04	5.80E-04	5.80E-04	5.80E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Formaldehyde	2.99E-01	2.99E-01	3.77E-01	3.87E-01	5.45E-01	8.30E-01	8.35E-01	8.35E-01	1.38E-07	2.08E-01	6.51E-02	2.25E-02	2.50E-01
Utah	Duchesne	49013	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.33E-05	9.38E-05	9.38E-05	9.38E-05	0.00E+00	3.37E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Duchesne	49013	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Lead Compounds	1.78E-06	1.78E-06	5.24E-06	1.20E-05	4.04E-05	9.15E-05	9.17E-05	9.17E-05	0.00E+00	3.16E-05	7.06E-06	1.75E-06	0.00E+00
Utah	Duchesne	49013	R	Manganese Compounds	3.38E-07	3.38E-07	8.44E-06	4.94E-05	1.47E-04	3.39E-04	3.39E-04	3.39E-04	0.00E+00	1.39E-04	2.02E-06	6.52E-06	0.00E+00
Utah	Duchesne	49013	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	4.58E-06	6.83E-08	1.82E-06	1.50E-03
Utah	Duchesne	49013	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.52E-01	1.67E-01	1.90E-01	1.90E-01	1.90E-01	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Duchesne	49013	R	Nickel Compounds	3.32E-07	3.32E-07	1.94E-06	6.68E-06	2.67E-05	6.22E-05	6.23E-05	6.23E-05	0.00E+00	2.01E-05	3.87E-06	2.73E-06	0.00E+00
Utah	Duchesne	49013	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.47E-01	1.57E-01	1.57E-01	1.57E-01	0.00E+00	7.34E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Duchesne	49013	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
Utah	Duchesne	49013	R	Polycyclic Organic Matter	1.48E-03	1.48E-03	4.92E-03	5.23E-03	4.61E-02	1.09E-01	1.09E-01	1.09E-01	0.00E+00	4.60E-02	3.60E-05	2.66E-06	0.00E+00
Utah	Duchesne	49013	R	7-PAH	2.48E-04	2.48E-04	2.54E-04	4.93E-04	4.06E-04	4.93E-04	5.42E-04	5.42E-04	0.00E+00	3.89E-04	1.60E-05	1.18E-06	0.00E+00
Utah	Duchesne	49013	R	Propylene Dichloride	7.22E-08	7.22E-08	7.59E-08	7.61E-08	1.14E-07	1.26E-07	2.21E-07	2.21E-07	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	1,1,2,2-Tetrachloroethane	1.10E-08	1.10E-08	1.15E-08	1.16E-08	1.73E-08	1.91E-08	3.35E-08	3.35E-08	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne	49013	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.12E-02	8.43E-02	8.92E-02	8.92E-02	8.92E-02	0.00E+00	3.34E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Duchesne	49013	R	Vinyl Chloride	4.20E-08	4.20E-08	4.42E-08	4.43E-08	6.65E-08	7.33E-08	1.29E-07	1.29E-07	0.00E+00	6.65E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	Acetaldehyde	1.90E-02	1.90E-02	2.04E-02	2.22E-02	3.37E-02	4.70E-02	7.13E-02	7.13E-02	1.25E-05	3.03E-03	2.85E-02	2.11E-03	0.00E+00
Utah	Emery	49015	R	Acrolein	2.69E-03	2.69E-03	3.58E-03	4.56E-03	5.55E-03	7.53E-03	1.04E-02	1.04E-02	6.38E-06	1.73E-03	3.53E-03	2.85E-04	0.00E+00
Utah	Emery	49015	R	Acrylonitrile	2.04E-07	2.04E-07	2.61E-07	5.04E-07	6.55E-07	1.05E-06	1.41E-06	1.41E-06	0.00E+00	6.55E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	Arsenic Compounds	7.83E-08	7.83E-08	2.11E-07	4.29E-06	2.14E-05	4.27E-05	7.71E-05	7.71E-05	2.08E-05	6.63E-07	1.81E-08	0.00E+00	0.00E+00
Utah	Emery	49015	R	Benzene	5.06E-01	5.06E-01	5.07E-01	5.11E-01	5.28E-01	5.49E-01	5.86E-01	5.86E-01	6.79E-05	3.13E-03	4.38E-02	1.28E-03	4.80E-01
Utah	Emery	49015	R	Beryllium Compounds	2.92E-08	2.92E-08	8.69E-08	3.80E-07	1.37E-06	2.65E-06	4.67E-06	4.67E-06	1.07E-06	2.93E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	1,3-Butadiene	2.13E-03	2.13E-03	2.35E-03	2.58E-03	4.08E-03	5.81E-03	9.02E-03	9.02E-03	0.00E+00	4.32E-04	3.56E-03	8.75E-05	0.00E+00
Utah	Emery	49015	R	Cadmium Compounds	3.77E-08	3.77E-08	1.10E-07	7.10E-07	2.97E-06	5.84E-06	1.04E-05	1.04E-05	2.61E-06	3.63E-07	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Emery	49015	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	2.11E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Emery	49015	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.23E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Emery	49015	R	Chromium Compounds	7.50E-07	7.50E-07	1.70E-06	4.48E-06	1.60E-05	3.03E-05	5.43E-05	5.43E-05	1.32E-05	6.48E-07	1.20E-06	9.00E-07	0.00E+00
Utah	Emery	49015	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
Utah	Emery	49015	R	1,3-Dichloropropene	8.61E-05	8.61E-05	2.85E-04	6.35E-04	1.04E-03	1.80E-03	2.81E-03	2.81E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	Diesel Particulate Matter	9.07E-02	9.07E-02	1.01E-01	1.16E-01	1.22E-01	1.42E-01	1.65E-01	1.65E-01	0.00E+00	0.00E+00	5.93E-02	6.25E-02	***
Utah	Emery	49015	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Emery	49015	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	2.09E-06	3.95E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Emery	49015	R	Ethylene Oxide	1.18E-07	1.18E-07	1.50E-07	2.90E-07	3.76E-07	6.03E-07	8.09E-07	8.09E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	Formaldehyde	2.70E-01	2.70E-01	2.74E-01	2.79E-01	2.89E-01	3.04E-01	3.26E-01	3.26E-01	1.35E-05	7.80E-03	2.76E-02	3.20E-03	2.50E-01
Utah	Emery	49015	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	1.47E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Emery	49015	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	Lead Compounds	3.16E-06	3.16E-06	6.82E-06	1.15E-05	2.84E-05	5.00E-05	8.76E-05	8.76E-05	2.14E-05	2.60E-06	1.66E-06	2.72E-06	0.00E+00
Utah	Emery	49015	R	Manganese Compounds	1.71E-06	1.71E-06	5.48E-06	1.53E-05	4.19E-05	7.83E-05	1.35E-04	1.35E-04	2.49E-05	1.55E-05	4.78E-07	9.65E-07	0.00E+00
Utah	Emery	49015	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	2.09E-06	4.73E-07	1.60E-08	2.62E-07	1.50E-03
Utah	Emery	49015	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.52E-01	1.53E-01	1.54E-01	1.54E-01	1.26E-05	1.71E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Emery	49015	R	Nickel Compounds	1.04E-06	1.04E-06	2.02E-06	5.43E-06	1.84E-05	3.48E-05	6.17E-05	6.17E-05	1.42E-05	2.89E-06	9.25E-07	3.99E-07	0.00E+00
Utah	Emery	49015	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.86E-06	1.03E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Emery	49015	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
Utah	Emery	49015	R	Polycyclic Organic Matter	2.53E-04	2.53E-04	3.11E-04	4.02E-04	5.58E-04	8.05E-04	1.18E-03	1.18E-03	9.99E-07	5.48E-04	8.60E-06	5.04E-07	0.00E+00
Utah	Emery	49015	R	7-PAH	3.19E-06	3.19E-06	2.44E-05	4.93E-05	3.96E-05	5.48E-05	5.67E-05	5.67E-05	2.03E-08	3.55E-05	3.82E-06	2.18E-07	0.00E+00
Utah	Emery	49015	R	Propylene Dichloride	6.10E-09	6.10E-09	7.77E-09	1.50E-08	1.95E-08	3.13E-08	4.20E-08	4.20E-08	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	1,1,2,2-Tetrachloroethane	9.26E-10	9.26E-10	1.18E-09	2.28E-09	2.97E-09	4.76E-09	6.38E-09	6.38E-09	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Emery	49015	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.13E-02	8.14E-02	8.16E-02	8.16E-02	0.00E+00	2.71E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Emery	49015	R	Vinyl Chloride	3.55E-09	3.55E-09	4.53E-09	8.76E-09	1.14E-08	1.82E-08	2.45E-08	2.45E-08	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Acetaldehyde	6.67E-03	6.67E-03	6.67E-03	1.36E-02	1.15E-02	1.41E-02	1.41E-02	1.41E-02	2.58E-06	3.74E-03	6.55E-03	1.18E-03	0.00E+00
Utah	Garfield	49017	R	Acrolein	9.91E-04	9.91E-04	9.91E-04	2.16E-03	1.83E-03	2.33E-03	2.33E-03	2.33E-03	1.31E-06	8.44E-04	8.51E-04	1.30E-04	0.00E+00
Utah	Garfield	49017	R	Acrylonitrile	2.39E-07	2.39E-07	2.39E-07	2.67E-07	3.25E-07	4.68E-07	4.68E-07	4.68E-07	0.00E+00	3.25E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Arsenic Compounds	1.38E-07	1.38E-07	1.38E-07	2.22E-07	3.93E-06	1.14E-05	1.14E-05	1.14E-05	3.80E-06	1.32E-07	3.76E-09	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Benzene	4.91E-01	4.91E-01	4.91E-01	5.02E-01	4.99E-01	5.03E-01	5.03E-01	5.03E-01	1.26E-05	7.87E-03	9.40E-03	1.34E-03	4.80E-01
Utah	Garfield	49017	R	Beryllium Compounds	5.72E-08	5.72E-08	5.72E-08	9.73E-08	2.54E-07	6.09E-07	6.09E-07	6.09E-07	1.96E-07	5.79E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	1,3-Butadiene	5.14E-04	5.14E-04	5.14E-04	1.02E-03	9.40E-04	1.28E-03	1.28E-03	1.28E-03	0.00E+00	1.93E-04	6.73E-04	7.43E-05	0.00E+00
Utah	Garfield	49017	R	Cadmium Compounds	1.06E-07	1.06E-07	1.06E-07	1.33E-07	5.74E-07	1.48E-06	1.48E-06	1.48E-06	4.79E-07	9.50E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	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	8.70E-07	0.00E+00	0.00E+00	8.80E-01
Utah	Garfield	49017	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	5.64E-06	0.00E+00	0.00E+00	8.30E-02
Utah	Garfield	49017	R	Chromium Compounds	6.17E-07	6.17E-07	6.17E-07	8.53E-07	3.00E-06	7.53E-06	7.53E-06	7.53E-06	2.43E-06	1.32E-07	2.65E-07	1.73E-07	0.00E+00
Utah	Garfield	49017	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
Utah	Garfield	49017	R	1,3-Dichloropropene	6.02E-05	6.02E-05	6.02E-05	1.82E-04	1.90E-04	3.26E-04	3.26E-04	3.26E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Diesel Particulate Matter	3.69E-02	3.69E-02	3.69E-02	5.69E-02	5.29E-02	6.48E-02	6.48E-02	6.48E-02	0.00E+00	0.00E+00	2.15E-02	3.14E-02	***
Utah	Garfield	49017	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	1.13E-09	0.00E+00	0.00E+00	7.70E-03
Utah	Garfield	49017	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.89E-07	3.06E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Garfield	49017	R	Ethylene Oxide	1.85E-06	1.85E-06	1.85E-06	3.18E-06	2.89E-06	3.63E-06	3.63E-06	3.63E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Formaldehyde	2.57E-01	2.57E-01	2.57E-01	2.65E-01	2.63E-01	2.66E-01	2.66E-01	2.66E-01	2.40E-06	5.37E-03	6.26E-03	1.26E-03	2.50E-01
Utah	Garfield	49017	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-08	0.00E+00	0.00E+00	9.30E-05
Utah	Garfield	49017	R	Hydrazine	4.43E-11	4.43E-11	4.43E-11	2.90E-10	2.32E-10	3.63E-10	3.63E-10	3.63E-10	0.00E+00	2.32E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Lead Compounds	1.26E-05	1.26E-05	1.26E-05	1.71E-05	1.73E-05	2.23E-05	2.23E-05	2.23E-05	3.94E-06	9.06E-07	3.66E-07	1.21E-05	0.00E+00
Utah	Garfield	49017	R	Manganese Compounds	5.23E-06	5.23E-06	5.23E-06	9.16E-06	9.94E-06	1.54E-05	1.54E-05	1.54E-05	4.57E-06	5.08E-06	1.04E-07	1.89E-07	0.00E+00
Utah	Garfield	49017	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	1.30E-06	3.67E-07	3.43E-09	5.00E-08	1.50E-03
Utah	Garfield	49017	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	2.30E-06	3.46E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Garfield	49017	R	Nickel Compounds	1.21E-06	1.21E-06	1.21E-06	1.30E-06	3.56E-06	8.16E-06	8.16E-06	8.16E-06	2.59E-06	6.79E-07	2.05E-07	7.94E-08	0.00E+00
Utah	Garfield	49017	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	3.41E-07	9.47E-05	0.00E+00	0.00E+00	1.40E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Garfield	49017	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
Utah	Garfield	49017	R	Polycyclic Organic Matter	2.69E-04	2.69E-04	2.69E-04	5.79E-04	4.84E-04	6.03E-04	6.03E-04	6.03E-04	1.84E-07	4.81E-04	1.92E-06	7.15E-07	0.00E+00
Utah	Garfield	49017	R	7-PAH	9.63E-06	9.63E-06	9.63E-06	1.90E-05	1.87E-05	2.75E-05	2.75E-05	2.75E-05	3.74E-09	1.76E-05	8.51E-07	2.96E-07	0.00E+00
Utah	Garfield	49017	R	Propylene Dichloride	1.04E-08	1.04E-08	1.04E-08	2.26E-08	2.05E-08	2.86E-08	2.86E-08	2.86E-08	0.00E+00	2.05E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Quinoline	2.97E-10	2.97E-10	2.97E-10	1.87E-09	1.37E-09	1.94E-09	1.94E-09	1.94E-09	0.00E+00	1.37E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	1,1,2,2-Tetrachloroethane	8.12E-10	8.12E-10	8.12E-10	1.17E-09	1.28E-09	1.86E-09	1.86E-09	1.86E-09	0.00E+00	1.28E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield	49017	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.78E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Garfield	49017	R	Vinyl Chloride	1.35E-08	1.35E-08	1.35E-08	6.11E-08	4.56E-08	6.22E-08	6.22E-08	6.22E-08	0.00E+00	4.56E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	Acetaldehyde	1.06E-01	1.06E-01	1.06E-01	1.06E-01	1.06E-01	1.06E-01	1.06E-01	1.06E-01	0.00E+00	8.51E-02	1.59E-02	4.68E-03	0.00E+00
Utah	Grand	49019	U	Acrolein	8.08E-03	8.08E-03	8.08E-03	8.09E-03	8.09E-03	8.11E-03	8.11E-03	8.11E-03	0.00E+00	4.77E-03	1.73E-03	1.59E-03	0.00E+00
Utah	Grand	49019	U	Acrylonitrile	2.84E-05	2.84E-05	2.84E-05	2.84E-05	2.84E-05	2.84E-05	2.84E-05	2.84E-05	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	Arsenic Compounds	7.10E-06	7.10E-06	7.10E-06	7.10E-06	7.10E-06	7.10E-06	7.10E-06	7.10E-06	0.00E+00	7.05E-06	5.04E-08	0.00E+00	0.00E+00
Utah	Grand	49019	U	Benzene	8.37E-01	8.37E-01	8.37E-01	8.37E-01	8.37E-01	8.37E-01	8.37E-01	8.37E-01	0.00E+00	2.58E-01	4.61E-02	5.25E-02	4.80E-01
Utah	Grand	49019	U	Beryllium Compounds	3.00E-06	3.00E-06	3.00E-06	3.00E-06	3.00E-06	3.00E-06	3.00E-06	3.00E-06	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	1,3-Butadiene	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	0.00E+00	2.79E-03	5.16E-03	5.57E-03	0.00E+00
Utah	Grand	49019	U	Cadmium Compounds	3.68E-06	3.68E-06	3.68E-06	3.68E-06	3.68E-06	3.68E-06	3.68E-06	3.68E-06	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	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	8.23E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Grand	49019	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	6.86E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Grand	49019	U	Chromium Compounds	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	0.00E+00	6.71E-06	3.73E-06	8.14E-07	0.00E+00
Utah	Grand	49019	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
Utah	Grand	49019	U	1,3-Dichloropropene	9.67E-03	9.67E-03	9.67E-03	9.67E-03	9.67E-03	9.67E-03	9.67E-03	9.67E-03	0.00E+00	9.67E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	Diesel Particulate Matter	7.92E-02	7.92E-02	7.92E-02	7.92E-02	7.92E-02	7.92E-02	7.92E-02	7.92E-02	0.00E+00	0.00E+00	2.96E-02	4.96E-02	***
Utah	Grand	49019	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
Utah	Grand	49019	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	0.00E+00	1.22E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Grand	49019	U	Ethylene Oxide	2.05E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	Formaldehyde	4.78E-01	4.78E-01	4.78E-01	4.78E-01	4.78E-01	4.78E-01	4.78E-01	4.78E-01	0.00E+00	2.00E-01	1.85E-02	9.88E-03	2.50E-01
Utah	Grand	49019	U	Hexachlorobenzene	9.35E-05	9.35E-05	9.35E-05	9.35E-05	9.35E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	5.03E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Grand	49019	U	Hydrazine	9.87E-08	9.87E-08	9.87E-08	9.87E-08	9.87E-08	9.87E-08	9.87E-08	9.87E-08	0.00E+00	9.87E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	Lead Compounds	5.94E-05	5.94E-05	5.94E-05	6.53E-05	6.53E-05	7.11E-05	7.11E-05	7.11E-05	0.00E+00	4.44E-05	5.39E-06	1.55E-05	0.00E+00
Utah	Grand	49019	U	Manganese Compounds	1.73E-04	1.73E-04	1.73E-04	1.73E-04	1.73E-04	1.73E-04	1.73E-04	1.73E-04	0.00E+00	1.70E-04	1.54E-06	1.36E-06	0.00E+00
Utah	Grand	49019	U	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	4.92E-06	5.14E-08	1.71E-07	1.50E-03
Utah	Grand	49019	U	Methylene Chloride	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	0.00E+00	2.43E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Grand	49019	U	Nickel Compounds	4.89E-05	4.89E-05	4.89E-05	4.89E-05	4.89E-05	4.89E-05	4.89E-05	4.89E-05	0.00E+00	4.53E-05	2.80E-06	7.28E-07	0.00E+00
Utah	Grand	49019	U	Perchloroethylene	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Grand	49019	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
Utah	Grand	49019	U	Polycyclic Organic Matter	1.62E-02	1.62E-02	1.62E-02	1.62E-02	1.62E-02	1.62E-02	1.62E-02	1.62E-02	0.00E+00	1.61E-02	2.58E-05	1.77E-05	0.00E+00
Utah	Grand	49019	U	7-PAH	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	0.00E+00	9.28E-05	1.15E-05	9.11E-06	0.00E+00
Utah	Grand	49019	U	Propylene Dichloride	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	Quinoline	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	0.00E+00	2.80E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	1,1,2,2-Tetrachloroethane	9.40E-06	9.40E-06	9.40E-06	9.40E-06	9.40E-06	9.40E-06	9.40E-06	9.40E-06	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Grand	49019	U	Trichloroethylene	8.58E-02	8.58E-02	8.58E-02	8.58E-02	8.58E-02	8.58E-02	8.58E-02	8.58E-02	0.00E+00	4.77E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Grand	49019	U	Vinyl Chloride	3.12E-05	3.12E-05	3.12E-05	3.12E-05	3.12E-05	3.12E-05	3.12E-05	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	Acetaldehyde	1.62E-02	1.62E-02	4.23E-02	4.91E-02	6.33E-02	5.26E-02	1.56E-01	1.56E-01	0.00E+00	2.58E-02	3.11E-02	6.39E-03	0.00E+00
Utah	Iron	49021	U	Acrolein	4.68E-03	4.68E-03	1.53E-02	1.56E-02	2.55E-02	1.73E-02	7.46E-02	7.46E-02	0.00E+00	2.07E-02	3.57E-03	1.20E-03	0.00E+00
Utah	Iron	49021	U	Acrylonitrile	5.78E-07	5.78E-07	7.64E-07	1.22E-06	1.53E-05	1.34E-06	7.29E-05	7.29E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	Arsenic Compounds	3.46E-07	3.46E-07	4.19E-07	4.03E-06	1.52E-05	6.49E-06	6.46E-05	6.46E-05	0.00E+00	1.51E-05	1.03E-07	0.00E+00	0.00E+00
Utah	Iron	49021	U	Benzene	5.17E-01	5.17E-01	5.72E-01	6.95E-01	2.03E+00	9.75E-01	7.39E+00	7.39E+00	0.00E+00	1.45E+00	7.91E-02	2.23E-02	4.80E-01
Utah	Iron	49021	U	Beryllium Compounds	1.19E-07	1.19E-07	1.83E-07	1.72E-06	5.69E-06	2.61E-06	2.38E-05	2.38E-05	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	1,3-Butadiene	1.82E-03	1.82E-03	7.61E-03	8.06E-03	2.36E-02	1.13E-02	8.92E-02	8.92E-02	0.00E+00	1.27E-02	8.54E-03	2.39E-03	0.00E+00
Utah	Iron	49021	U	Cadmium Compounds	2.58E-07	2.58E-07	9.82E-07	2.18E-06	7.63E-06	3.36E-06	3.14E-05	3.14E-05	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	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	9.13E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Iron	49021	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	0.00E+00	1.17E-04	0.00E+00	0.00E+00	8.30E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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		
Utah	Iron	49021	U	Chromium Compounds	2.41E-06	2.41E-06	1.05E-05	1.22E-05	2.55E-05	1.37E-05	8.88E-05	8.88E-05	0.00E+00	1.53E-05	7.73E-06	2.53E-06	0.00E+00
Utah	Iron	49021	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
Utah	Iron	49021	U	1,3-Dichloropropene	4.03E-04	4.03E-04	6.21E-04	5.57E-03	1.57E-02	8.05E-03	6.41E-02	6.41E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	Diesel Particulate Matter	8.33E-02	8.33E-02	1.19E-01	1.42E-01	2.23E-01	2.07E-01	5.66E-01	5.66E-01	0.00E+00	0.00E+00	3.83E-02	1.85E-01	***
Utah	Iron	49021	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	6.92E-09	0.00E+00	0.00E+00	7.70E-03
Utah	Iron	49021	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.16E-02	6.12E-02	6.38E-02	6.38E-02	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Iron	49021	U	Ethylene Oxide	4.35E-06	4.35E-06	8.53E-06	3.23E-05	2.76E-04	8.20E-05	1.26E-03	1.26E-03	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	Formaldehyde	2.76E-01	2.76E-01	3.37E-01	3.37E-01	4.07E-01	3.48E-01	7.39E-01	7.39E-01	0.00E+00	1.11E-01	3.55E-02	1.05E-02	2.50E-01
Utah	Iron	49021	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.35E-05	9.35E-05	0.00E+00	1.21E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Iron	49021	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-12	0.00E+00	1.18E-11	1.18E-11	0.00E+00	2.35E-12	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	Lead Compounds	1.55E-05	1.55E-05	4.53E-05	6.70E-05	2.44E-04	1.83E-04	9.07E-04	9.07E-04	0.00E+00	1.94E-04	1.11E-05	3.87E-05	0.00E+00
Utah	Iron	49021	U	Manganese Compounds	1.54E-05	1.54E-05	1.72E-05	1.43E-04	4.70E-04	2.16E-04	1.96E-03	1.96E-03	0.00E+00	4.63E-04	3.18E-06	3.50E-06	0.00E+00
Utah	Iron	49021	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.55E-03	1.55E-03	0.00E+00	1.27E-05	1.03E-07	6.23E-07	1.50E-03
Utah	Iron	49021	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.59E-01	2.16E-01	1.71E-01	4.48E-01	4.48E-01	0.00E+00	6.60E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Iron	49021	U	Nickel Compounds	2.51E-06	2.51E-06	6.12E-06	3.24E-05	2.83E-04	8.36E-05	1.29E-03	1.29E-03	0.00E+00	2.75E-04	5.85E-06	1.73E-06	0.00E+00
Utah	Iron	49021	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.44E-01	1.64E-01	1.49E-01	2.48E-01	2.48E-01	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Iron	49021	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
Utah	Iron	49021	U	Polycyclic Organic Matter	1.73E-03	1.73E-03	1.79E-03	1.26E-02	1.01E-01	3.13E-02	4.59E-01	4.59E-01	0.00E+00	1.01E-01	5.38E-05	9.36E-06	0.00E+00
Utah	Iron	49021	U	7-PAH	7.46E-05	7.46E-05	2.60E-04	2.68E-04	5.97E-04	3.33E-04	2.05E-03	2.05E-03	0.00E+00	5.69E-04	2.39E-05	4.58E-06	0.00E+00
Utah	Iron	49021	U	Propylene Dichloride	1.73E-08	1.73E-08	2.55E-08	3.65E-08	8.36E-07	3.99E-08	4.06E-06	4.06E-06	0.00E+00	8.36E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-11	0.00E+00	3.27E-10	3.27E-10	0.00E+00	6.55E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	1,1,2,2-Tetrachloroethane	2.62E-09	2.62E-09	3.42E-09	5.55E-09	6.82E-06	6.05E-09	3.41E-05	3.41E-05	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Iron	49021	U	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.23E-02	9.59E-02	8.52E-02	1.50E-01	1.50E-01	0.00E+00	1.49E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Iron	49021	U	Vinyl Chloride	1.00E-08	1.00E-08	2.13E-08	2.32E-08	1.68E-05	2.33E-08	8.40E-05	8.40E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	Acetaldehyde	1.77E-02	1.77E-02	1.77E-02	1.95E-01	1.95E-01	3.72E-01	3.72E-01	3.72E-01	0.00E+00	8.34E-02	9.28E-02	1.86E-02	0.00E+00
Utah	Juab	49023	U	Acrolein	2.29E-02	2.29E-02	2.29E-02	1.42E-01	1.42E-01	2.61E-01	2.61E-01	2.61E-01	0.00E+00	1.26E-01	1.26E-02	3.63E-03	0.00E+00
Utah	Juab	49023	U	Acrylonitrile	3.03E-07	3.03E-07	3.03E-07	5.79E-05	5.79E-05	1.15E-04	1.15E-04	1.15E-04	0.00E+00	5.79E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	Arsenic Compounds	2.22E-08	2.22E-08	2.22E-08	4.85E-06	4.85E-06	9.68E-06	9.68E-06	9.68E-06	0.00E+00	4.34E-06	4.62E-07	5.07E-08	0.00E+00
Utah	Juab	49023	U	Benzene	5.24E-01	5.24E-01	5.24E-01	8.69E-01	8.69E-01	1.22E+00	1.22E+00	1.22E+00	0.00E+00	2.26E-01	1.05E-01	5.78E-02	4.80E-01
Utah	Juab	49023	U	Beryllium Compounds	7.69E-09	7.69E-09	7.69E-09	2.72E-06	2.72E-06	5.44E-06	5.44E-06	5.44E-06	2.56E-06	1.61E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	1,3-Butadiene	7.87E-03	7.87E-03	7.87E-03	3.53E-02	3.53E-02	6.28E-02	6.28E-02	6.28E-02	0.00E+00	2.99E-02	3.93E-03	1.48E-03	0.00E+00
Utah	Juab	49023	U	Cadmium Compounds	1.42E-07	1.42E-07	1.42E-07	2.95E-06	2.95E-06	5.75E-06	5.75E-06	5.75E-06	1.98E-06	9.68E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	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	2.78E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Juab	49023	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.53E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Juab	49023	U	Chromium Compounds	3.60E-07	3.60E-07	3.60E-07	7.27E-05	7.27E-05	1.45E-04	1.45E-04	1.45E-04	6.06E-05	4.57E-06	3.28E-06	4.31E-06	0.00E+00
Utah	Juab	49023	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
Utah	Juab	49023	U	1,3-Dichloropropene	2.85E-05	2.85E-05	2.85E-05	8.84E-04	8.84E-04	1.74E-03	1.74E-03	1.74E-03	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	Diesel Particulate Matter	1.80E-01	1.80E-01	1.80E-01	2.64E-01	2.64E-01	3.49E-01	3.49E-01	3.49E-01	0.00E+00	0.00E+00	9.93E-02	1.65E-01	***
Utah	Juab	49023	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	2.86E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Juab	49023	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	1.21E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Juab	49023	U	Ethylene Oxide	1.75E-07	1.75E-07	1.75E-07	8.05E-06	8.05E-06	1.59E-05	1.59E-05	1.59E-05	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	Formaldehyde	3.46E-01	3.46E-01	3.46E-01	8.23E-01	8.23E-01	1.30E+00	1.30E+00	1.30E+00	0.00E+00	4.80E-01	6.91E-02	2.38E-02	2.50E-01
Utah	Juab	49023	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	2.08E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Juab	49023	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	5.73E-11	5.73E-11	1.15E-10	1.15E-10	1.15E-10	0.00E+00	5.73E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	Lead Compounds	3.36E-06	3.36E-06	3.36E-06	3.19E-05	3.19E-05	6.04E-05	6.04E-05	6.04E-05	1.51E-05	1.24E-05	4.35E-06	0.00E+00	0.00E+00
Utah	Juab	49023	U	Manganese Compounds	9.56E-07	9.56E-07	9.56E-07	8.58E-05	8.58E-05	1.71E-04	1.71E-04	1.71E-04	4.50E-05	3.49E-05	1.20E-06	4.74E-06	0.00E+00
Utah	Juab	49023	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.83E-07	9.40E-06	4.45E-08	1.35E-06	1.50E-03
Utah	Juab	49023	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.53E-01	1.53E-01	1.56E-01	1.56E-01	1.56E-01	0.00E+00	2.85E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Juab	49023	U	Nickel Compounds	2.17E-07	2.17E-07	2.17E-07	1.81E-05	1.81E-05	3.59E-05	3.59E-05	3.59E-05	8.98E-06	4.83E-06	2.55E-06	1.72E-06	0.00E+00
Utah	Juab	49023	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	6.93E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Juab	49023	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
Utah	Juab	49023	U	Polycyclic Organic Matter	3.14E-03	3.14E-03	3.14E-03	1.73E-02	1.73E-02	3.14E-02	3.14E-02	3.14E-02	0.00E+00	1.72E-02	2.50E-05	2.51E-05	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Juab	49023	U	7-PAH	5.57E-04	5.57E-04	5.57E-04	2.90E-03	2.90E-03	5.25E-03	5.25E-03	5.25E-03	0.00E+00	2.88E-03	1.11E-05	1.29E-05	0.00E+00
Utah	Juab	49023	U	Propylene Dichloride	9.05E-09	9.05E-09	9.05E-09	3.27E-06	3.27E-06	6.53E-06	6.53E-06	6.53E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.07E-09	1.07E-09	2.15E-09	2.15E-09	2.15E-09	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	1,1,2,2-Tetrachloroethane	1.38E-09	1.38E-09	1.38E-09	2.75E-05	2.75E-05	5.49E-05	5.49E-05	5.49E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Juab	49023	U	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.13E-02	8.13E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	2.96E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Juab	49023	U	Vinyl Chloride	5.27E-09	5.27E-09	5.27E-09	6.77E-05	6.77E-05	1.35E-04	1.35E-04	1.35E-04	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	Acetaldehyde	2.87E-02	2.87E-02	2.87E-02	3.57E-02	3.57E-02	4.27E-02	4.27E-02	4.27E-02	0.00E+00	2.49E-02	6.47E-03	4.36E-03	0.00E+00
Utah	Kane	49025	U	Acrolein	2.29E-03	2.29E-03	2.29E-03	1.11E-02	1.11E-02	1.99E-02	1.99E-02	1.99E-02	0.00E+00	9.92E-03	7.53E-04	4.28E-04	0.00E+00
Utah	Kane	49025	U	Acrylonitrile	8.67E-07	8.67E-07	8.67E-07	3.17E-05	3.17E-05	6.25E-05	6.25E-05	6.25E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	Arsenic Compounds	2.71E-07	2.71E-07	2.71E-07	3.65E-07	3.65E-07	4.59E-07	4.59E-07	4.59E-07	0.00E+00	3.57E-07	7.77E-09	0.00E+00	0.00E+00
Utah	Kane	49025	U	Benzene	4.98E-01	4.98E-01	4.98E-01	5.13E-01	5.13E-01	5.28E-01	5.28E-01	5.28E-01	0.00E+00	1.79E-02	8.70E-03	6.56E-03	4.80E-01
Utah	Kane	49025	U	Beryllium Compounds	8.25E-08	8.25E-08	8.25E-08	1.00E-07	1.00E-07	1.18E-07	1.18E-07	1.18E-07	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	1,3-Butadiene	1.36E-03	1.36E-03	1.36E-03	3.86E-03	3.86E-03	6.37E-03	6.37E-03	6.37E-03	0.00E+00	2.95E-03	5.93E-04	3.25E-04	0.00E+00
Utah	Kane	49025	U	Cadmium Compounds	1.45E-07	1.45E-07	1.45E-07	2.45E-07	2.45E-07	3.45E-07	3.45E-07	3.45E-07	0.00E+00	2.45E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	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	4.38E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Kane	49025	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.69E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Kane	49025	U	Chromium Compounds	1.41E-06	1.41E-06	1.41E-06	1.69E-06	1.69E-06	1.97E-06	1.97E-06	1.97E-06	0.00E+00	3.81E-07	5.36E-07	7.74E-07	0.00E+00
Utah	Kane	49025	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
Utah	Kane	49025	U	1,3-Dichloropropene	3.45E-04	3.45E-04	3.45E-04	3.72E-04	3.72E-04	3.99E-04	3.99E-04	3.99E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	Diesel Particulate Matter	8.37E-02	8.37E-02	8.37E-02	8.49E-02	8.49E-02	8.61E-02	8.61E-02	8.61E-02	0.00E+00	0.00E+00	2.46E-02	6.03E-02	***
Utah	Kane	49025	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	1.70E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Kane	49025	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	3.67E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Kane	49025	U	Ethylene Oxide	3.72E-06	3.72E-06	3.72E-06	4.18E-06	4.18E-06	4.64E-06	4.64E-06	4.64E-06	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	Formaldehyde	2.74E-01	2.74E-01	2.74E-01	3.12E-01	3.12E-01	3.50E-01	3.50E-01	3.50E-01	0.00E+00	5.16E-02	5.67E-03	4.36E-03	2.50E-01
Utah	Kane	49025	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	8.83E-09	0.00E+00	0.00E+00	9.30E-05
Utah	Kane	49025	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.52E-11	1.52E-11	3.04E-11	3.04E-11	3.04E-11	0.00E+00	1.52E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	Lead Compounds	1.99E-06	1.99E-06	1.99E-06	3.54E-06	3.54E-06	5.08E-06	5.08E-06	5.08E-06	0.00E+00	2.79E-06	7.42E-07	0.00E+00	0.00E+00
Utah	Kane	49025	U	Manganese Compounds	1.12E-05	1.12E-05	1.12E-05	3.00E-05	3.00E-05	4.89E-05	4.89E-05	4.89E-05	0.00E+00	2.90E-05	2.13E-07	8.30E-07	0.00E+00
Utah	Kane	49025	U	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	1.21E-06	6.94E-09	2.26E-07	1.50E-03
Utah	Kane	49025	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	8.19E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Kane	49025	U	Nickel Compounds	1.58E-06	1.58E-06	1.58E-06	1.70E-06	1.70E-06	1.82E-06	1.82E-06	1.82E-06	0.00E+00	9.41E-07	4.16E-07	3.44E-07	0.00E+00
Utah	Kane	49025	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	2.81E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Kane	49025	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
Utah	Kane	49025	U	Polycyclic Organic Matter	2.70E-04	2.70E-04	2.70E-04	1.60E-03	1.60E-03	2.93E-03	2.93E-03	2.93E-03	0.00E+00	1.59E-03	3.87E-06	3.02E-06	0.00E+00
Utah	Kane	49025	U	7-PAH	2.80E-05	2.80E-05	2.80E-05	2.70E-04	2.70E-04	5.11E-04	5.11E-04	5.11E-04	0.00E+00	2.66E-04	1.72E-06	1.54E-06	0.00E+00
Utah	Kane	49025	U	Propylene Dichloride	2.59E-08	2.59E-08	2.59E-08	1.88E-06	1.88E-06	3.73E-06	3.73E-06	3.73E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	9.28E-11	9.28E-11	1.86E-10	1.86E-10	1.86E-10	0.00E+00	9.28E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	1,1,2,2-Tetrachloroethane	3.93E-09	3.93E-09	3.93E-09	1.68E-05	1.68E-05	3.36E-05	3.36E-05	3.36E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Kane	49025	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.48E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Kane	49025	U	Vinyl Chloride	1.51E-08	1.51E-08	1.51E-08	4.14E-05	4.14E-05	8.28E-05	8.28E-05	8.28E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	Acetaldehyde	3.42E-02	3.42E-02	3.42E-02	6.05E-02	5.88E-02	8.16E-02	8.16E-02	8.16E-02	2.21E-06	2.74E-02	2.24E-02	8.99E-03	0.00E+00
Utah	Millard	49027	R	Acrolein	2.59E-02	2.59E-02	2.59E-02	3.98E-02	4.39E-02	6.62E-02	6.62E-02	6.62E-02	1.12E-06	4.01E-02	2.96E-03	8.39E-04	0.00E+00
Utah	Millard	49027	R	Acrylonitrile	8.75E-07	8.75E-07	8.75E-07	1.10E-06	1.12E-06	1.41E-06	1.41E-06	1.41E-06	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	Arsenic Compounds	1.65E-07	1.65E-07	1.65E-07	8.23E-07	4.39E-06	1.22E-05	1.22E-05	1.22E-05	3.62E-06	7.52E-07	1.71E-08	0.00E+00	0.00E+00
Utah	Millard	49027	R	Benzene	5.50E-01	5.50E-01	5.50E-01	5.95E-01	6.06E-01	6.72E-01	6.72E-01	6.72E-01	1.18E-05	8.27E-02	3.06E-02	1.24E-02	4.80E-01
Utah	Millard	49027	R	Beryllium Compounds	6.90E-08	6.90E-08	6.90E-08	3.59E-07	3.08E-04	9.23E-04	9.23E-04	9.23E-04	1.89E-07	3.08E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	1,3-Butadiene	6.69E-03	6.69E-03	6.69E-03	7.56E-03	1.17E-02	2.08E-02	2.08E-02	2.08E-02	0.00E+00	9.07E-03	2.00E-03	6.02E-04	0.00E+00
Utah	Millard	49027	R	Cadmium Compounds	2.10E-07	2.10E-07	2.10E-07	5.60E-07	9.91E-07	2.20E-06	2.20E-06	2.20E-06	4.57E-07	5.34E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	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-06	0.00E+00	0.00E+00	8.80E-01
Utah	Millard	49027	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.42E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Millard	49027	R	Chromium Compounds	9.93E-07	9.93E-07	9.93E-07	3.19E-06	5.32E-06	1.18E-05	1.18E-05	1.18E-05	2.31E-06	7.32E-07	1.17E-06	1.10E-06	0.00E+00
Utah	Millard	49027	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

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Millard	49027	R	1,3-Dichloropropene	2.57E-04	2.57E-04	2.57E-04	1.18E-03	1.03E-03	1.64E-03	1.64E-03	1.64E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	Diesel Particulate Matter	1.13E-01	1.13E-01	1.13E-01	1.13E-01	1.29E-01	1.61E-01	1.61E-01	1.61E-01	0.00E+00	0.00E+00	4.68E-02	8.22E-02	***
Utah	Millard	49027	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Millard	49027	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.64E-07	7.07E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Millard	49027	R	Ethylene Oxide	1.05E-06	1.05E-06	1.05E-06	2.45E-05	1.90E-05	3.15E-05	3.15E-05	3.15E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	Formaldehyde	3.54E-01	3.54E-01	3.54E-01	4.13E-01	4.34E-01	5.34E-01	5.34E-01	5.34E-01	2.45E-06	1.56E-01	2.03E-02	7.72E-03	2.50E-01
Utah	Millard	49027	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.07E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Millard	49027	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	Lead Compounds	3.05E-06	3.05E-06	3.05E-06	7.37E-06	1.07E-05	2.16E-05	2.16E-05	2.16E-05	3.74E-06	5.32E-06	1.61E-06	0.00E+00	0.00E+00
Utah	Millard	49027	R	Manganese Compounds	3.83E-06	3.83E-06	3.83E-06	1.98E-05	2.06E-05	3.82E-05	3.82E-05	3.82E-05	4.35E-06	1.46E-05	4.52E-07	1.17E-06	0.00E+00
Utah	Millard	49027	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	5.06E-07	7.59E-06	1.58E-08	3.29E-07	1.50E-03
Utah	Millard	49027	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.52E-01	1.52E-01	1.54E-01	1.54E-01	1.54E-01	2.18E-06	2.30E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Millard	49027	R	Nickel Compounds	9.83E-07	9.83E-07	9.83E-07	7.18E-06	1.14E-05	2.61E-05	2.61E-05	2.61E-05	2.47E-06	7.58E-06	9.03E-07	4.62E-07	0.00E+00
Utah	Millard	49027	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	3.23E-07	6.41E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Millard	49027	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
Utah	Millard	49027	R	Polycyclic Organic Matter	3.07E-03	3.07E-03	3.07E-03	5.77E-03	6.27E-03	9.97E-03	9.97E-03	9.97E-03	1.81E-07	6.26E-03	8.62E-06	5.62E-06	0.00E+00
Utah	Millard	49027	R	7-PAH	5.28E-04	5.28E-04	5.28E-04	7.67E-04	9.11E-04	1.44E-03	1.44E-03	1.44E-03	3.59E-09	9.04E-04	3.83E-06	2.88E-06	0.00E+00
Utah	Millard	49027	R	Propylene Dichloride	2.61E-08	2.61E-08	2.61E-08	3.27E-08	3.36E-08	4.19E-08	4.19E-08	4.19E-08	0.00E+00	3.36E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	1,1,2,2-Tetrachloroethane	3.97E-09	3.97E-09	3.97E-09	4.96E-09	5.10E-09	6.37E-09	6.37E-09	6.37E-09	0.00E+00	5.10E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Millard	49027	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.14E-02	8.14E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	4.24E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Millard	49027	R	Vinyl Chloride	1.52E-08	1.52E-08	1.52E-08	1.90E-08	1.95E-08	2.44E-08	2.44E-08	2.44E-08	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	Acetaldehyde	1.01E-01	1.01E-01	1.01E-01	1.10E-01	1.10E-01	1.18E-01	1.18E-01	1.18E-01	3.51E-05	2.29E-02	6.37E-02	2.30E-02	0.00E+00
Utah	Morgan	49029	R	Acrolein	1.62E-02	1.62E-02	1.62E-02	1.70E-02	1.70E-02	1.78E-02	1.78E-02	1.78E-02	1.91E-05	6.72E-03	7.88E-03	2.35E-03	0.00E+00
Utah	Morgan	49029	R	Acrylonitrile	7.62E-05	7.62E-05	7.62E-05	8.14E-05	8.14E-05	8.66E-05	8.66E-05	8.66E-05	6.00E-05	2.14E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	Arsenic Compounds	1.97E-05	1.97E-05	1.97E-05	2.69E-05	2.69E-05	3.41E-05	3.41E-05	3.41E-05	2.49E-05	1.99E-06	4.51E-08	0.00E+00	0.00E+00
Utah	Morgan	49029	R	Benzene	5.91E-01	5.91E-01	5.91E-01	5.97E-01	5.97E-01	6.03E-01	6.03E-01	6.03E-01	2.01E-03	2.23E-02	8.31E-02	9.50E-03	4.80E-01
Utah	Morgan	49029	R	Beryllium Compounds	1.41E-06	1.41E-06	1.41E-06	1.77E-06	1.77E-06	2.12E-06	2.12E-06	2.12E-06	1.17E-06	5.99E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	1,3-Butadiene	8.41E-03	8.41E-03	8.41E-03	8.58E-03	8.58E-03	8.76E-03	8.76E-03	8.76E-03	4.46E-07	2.70E-03	5.48E-03	4.00E-04	0.00E+00
Utah	Morgan	49029	R	Cadmium Compounds	6.50E-06	6.50E-06	6.50E-06	8.01E-06	8.01E-06	9.53E-06	9.53E-06	9.53E-06	5.00E-06	3.01E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	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	1.47E-07	2.76E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Morgan	49029	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	6.40E-07	1.70E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Morgan	49029	R	Chromium Compounds	4.79E-04	4.79E-04	4.79E-04	5.62E-04	5.62E-04	6.44E-04	6.44E-04	6.44E-04	4.90E-04	6.37E-05	2.88E-06	4.82E-06	0.00E+00
Utah	Morgan	49029	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
Utah	Morgan	49029	R	1,3-Dichloropropene	2.64E-03	2.64E-03	2.64E-03	2.94E-03	2.94E-03	3.24E-03	3.24E-03	3.24E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	Diesel Particulate Matter	2.82E-01	2.82E-01	2.82E-01	2.92E-01	2.92E-01	3.02E-01	3.02E-01	3.02E-01	0.00E+00	0.00E+00	9.95E-02	1.93E-01	***
Utah	Morgan	49029	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.36E-08	1.29E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Morgan	49029	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	9.56E-06	4.47E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Morgan	49029	R	Ethylene Oxide	9.91E-05	9.91E-05	9.91E-05	1.44E-04	1.44E-04	1.89E-04	1.89E-04	1.89E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	Formaldehyde	3.70E-01	3.70E-01	3.70E-01	3.76E-01	3.76E-01	3.83E-01	3.83E-01	3.83E-01	1.46E-04	3.98E-02	5.71E-02	2.94E-02	2.50E-01
Utah	Morgan	49029	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	2.61E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Morgan	49029	R	Hydrazine	1.80E-10	1.80E-10	1.80E-10	2.66E-10	2.66E-10	3.51E-10	3.51E-10	3.51E-10	0.00E+00	2.66E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	Lead Compounds	1.99E-04	1.99E-04	1.99E-04	2.23E-04	2.23E-04	2.47E-04	2.47E-04	2.47E-04	3.14E-05	3.30E-05	3.96E-06	1.55E-04	0.00E+00
Utah	Morgan	49029	R	Manganese Compounds	5.73E-04	5.73E-04	5.73E-04	6.70E-04	6.70E-04	7.66E-04	7.66E-04	7.66E-04	5.51E-04	1.12E-04	1.14E-06	5.21E-06	0.00E+00
Utah	Morgan	49029	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.63E-05	1.29E-05	3.88E-08	1.44E-06	1.50E-03
Utah	Morgan	49029	R	Methylene Chloride	1.56E-01	1.56E-01	1.56E-01	1.57E-01	1.57E-01	1.58E-01	1.58E-01	1.58E-01	4.98E-04	6.76E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Morgan	49029	R	Nickel Compounds	2.84E-04	2.84E-04	2.84E-04	3.35E-04	3.35E-04	3.85E-04	3.85E-04	3.85E-04	2.73E-04	5.77E-05	2.24E-06	2.07E-06	0.00E+00
Utah	Morgan	49029	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.57E-04	3.11E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Morgan	49029	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
Utah	Morgan	49029	R	Polycyclic Organic Matter	2.52E-03	2.52E-03	2.52E-03	2.68E-03	2.68E-03	2.83E-03	2.83E-03	2.83E-03	1.68E-04	2.48E-03	2.10E-05	5.41E-06	0.00E+00
Utah	Morgan	49029	R	7-PAH	1.85E-04	1.85E-04	1.85E-04	1.87E-04	1.87E-04	1.90E-04	1.90E-04	1.90E-04	5.03E-08	1.76E-04	9.31E-06	1.74E-06	0.00E+00
Utah	Morgan	49029	R	Propylene Dichloride	4.46E-06	4.46E-06	4.46E-06	4.78E-06	4.78E-06	5.09E-06	5.09E-06	5.09E-06	3.63E-06	1.14E-06	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Morgan	49029	R	Quinoline	4.11E-09	4.11E-09	4.11E-09	6.19E-09	6.19E-09	8.26E-09	8.26E-09	8.26E-09	0.00E+00	6.19E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	1,1,2,2-Tetrachloroethane	3.82E-05	3.82E-05	3.82E-05	4.07E-05	4.07E-05	4.33E-05	4.33E-05	4.33E-05	3.33E-05	7.45E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan	49029	R	Trichloroethylene	8.21E-02	8.21E-02	8.21E-02	8.23E-02	8.23E-02	8.25E-02	8.25E-02	8.25E-02	6.55E-05	1.23E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Morgan	49029	R	Vinyl Chloride	9.94E-05	9.94E-05	9.94E-05	1.06E-04	1.06E-04	1.12E-04	1.12E-04	1.12E-04	8.19E-05	2.38E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	Acetaldehyde	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	0.00E+00	3.26E-03	7.25E-03	9.59E-04	0.00E+00
Utah	Piute	49031	R	Acrolein	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	0.00E+00	2.96E-03	9.45E-04	8.80E-05	0.00E+00
Utah	Piute	49031	R	Acrylonitrile	3.59E-07	3.59E-07	3.59E-07	3.59E-07	3.59E-07	3.59E-07	3.59E-07	3.59E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	Arsenic Compounds	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	0.00E+00	1.39E-07	4.83E-09	0.00E+00	0.00E+00
Utah	Piute	49031	R	Benzene	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	0.00E+00	5.22E-03	1.05E-02	1.11E-03	4.80E-01
Utah	Piute	49031	R	Beryllium Compounds	6.41E-08	6.41E-08	6.41E-08	6.41E-08	6.41E-08	6.41E-08	6.41E-08	6.41E-08	0.00E+00	6.41E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	1,3-Butadiene	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	0.00E+00	7.04E-04	7.58E-04	6.35E-05	0.00E+00
Utah	Piute	49031	R	Cadmium Compounds	8.42E-08	8.42E-08	8.42E-08	8.42E-08	8.42E-08	8.42E-08	8.42E-08	8.42E-08	0.00E+00	8.42E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	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	1.11E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Piute	49031	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	6.97E-06	0.00E+00	0.00E+00	8.30E-02
Utah	Piute	49031	R	Chromium Compounds	6.84E-07	6.84E-07	6.84E-07	6.84E-07	6.84E-07	6.84E-07	6.84E-07	6.84E-07	0.00E+00	1.42E-07	3.34E-07	2.09E-07	0.00E+00
Utah	Piute	49031	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
Utah	Piute	49031	R	1,3-Dichloropropene	2.17E-04	2.17E-04	2.17E-04	2.17E-04	2.17E-04	2.17E-04	2.17E-04	2.17E-04	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	Diesel Particulate Matter	7.29E-02	7.29E-02	7.29E-02	7.29E-02	7.29E-02	7.29E-02	7.29E-02	7.29E-02	0.00E+00	0.00E+00	2.77E-02	4.52E-02	***
Utah	Piute	49031	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Piute	49031	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	5.12E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Piute	49031	R	Ethylene Oxide	9.51E-07	9.51E-07	9.51E-07	9.51E-07	9.51E-07	9.51E-07	9.51E-07	9.51E-07	0.00E+00	9.51E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	Formaldehyde	2.71E-01	2.71E-01	2.71E-01	2.71E-01	2.71E-01	2.71E-01	2.71E-01	2.71E-01	0.00E+00	1.28E-02	7.12E-03	1.09E-03	2.50E-01
Utah	Piute	49031	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	2.73E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Piute	49031	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	Lead Compounds	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	0.00E+00	7.25E-07	4.61E-07	0.00E+00	0.00E+00
Utah	Piute	49031	R	Manganese Compounds	5.94E-06	5.94E-06	5.94E-06	5.94E-06	5.94E-06	5.94E-06	5.94E-06	5.94E-06	0.00E+00	5.57E-06	1.31E-07	2.32E-07	0.00E+00
Utah	Piute	49031	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	3.18E-07	4.36E-09	6.03E-08	1.50E-03
Utah	Piute	49031	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	3.62E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Piute	49031	R	Nickel Compounds	6.59E-07	6.59E-07	6.59E-07	6.59E-07	6.59E-07	6.59E-07	6.59E-07	6.59E-07	0.00E+00	3.03E-07	2.58E-07	9.73E-08	0.00E+00
Utah	Piute	49031	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Piute	49031	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
Utah	Piute	49031	R	Polycyclic Organic Matter	4.27E-04	4.27E-04	4.27E-04	4.27E-04	4.27E-04	4.27E-04	4.27E-04	4.27E-04	0.00E+00	4.24E-04	2.42E-06	4.72E-07	0.00E+00
Utah	Piute	49031	R	7-PAH	6.39E-05	6.39E-05	6.39E-05	6.39E-05	6.39E-05	6.39E-05	6.39E-05	6.39E-05	0.00E+00	6.26E-05	1.08E-06	2.39E-07	0.00E+00
Utah	Piute	49031	R	Propylene Dichloride	1.07E-08	1.07E-08	1.07E-08	1.07E-08	1.07E-08	1.07E-08	1.07E-08	1.07E-08	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	1,1,2,2-Tetrachloroethane	1.63E-09	1.63E-09	1.63E-09	1.63E-09	1.63E-09	1.63E-09	1.63E-09	1.63E-09	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Piute	49031	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.19E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Piute	49031	R	Vinyl Chloride	6.23E-09	6.23E-09	6.23E-09	6.23E-09	6.23E-09	6.23E-09	6.23E-09	6.23E-09	0.00E+00	6.23E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	Acetaldehyde	1.28E-02	1.28E-02	1.28E-02	1.33E-02	1.33E-02	1.37E-02	1.37E-02	1.37E-02	0.00E+00	5.67E-03	5.46E-03	2.14E-03	0.00E+00
Utah	Rich	49033	R	Acrolein	5.82E-03	5.82E-03	5.82E-03	6.75E-03	6.75E-03	7.69E-03	7.69E-03	7.69E-03	0.00E+00	5.80E-03	7.74E-04	1.85E-04	0.00E+00
Utah	Rich	49033	R	Acrylonitrile	2.63E-06	2.63E-06	2.63E-06	3.15E-06	3.15E-06	3.67E-06	3.67E-06	3.67E-06	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	Arsenic Compounds	8.30E-08	8.30E-08	8.30E-08	1.14E-07	1.14E-07	1.45E-07	1.45E-07	1.45E-07	0.00E+00	1.10E-07	3.35E-09	3.52E-10	0.00E+00
Utah	Rich	49033	R	Benzene	5.00E-01	5.00E-01	5.00E-01	5.02E-01	5.02E-01	5.04E-01	5.04E-01	5.04E-01	1.19E-05	1.08E-02	7.80E-03	3.27E-03	4.80E-01
Utah	Rich	49033	R	Beryllium Compounds	3.24E-08	3.24E-08	3.24E-08	3.56E-08	3.56E-08	3.87E-08	3.87E-08	3.87E-08	0.00E+00	3.56E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	1,3-Butadiene	2.21E-03	2.21E-03	2.21E-03	2.46E-03	2.46E-03	2.72E-03	2.72E-03	2.72E-03	0.00E+00	1.82E-03	4.73E-04	1.75E-04	0.00E+00
Utah	Rich	49033	R	Cadmium Compounds	7.28E-08	7.28E-08	7.28E-08	7.58E-08	7.58E-08	7.88E-08	7.88E-08	7.88E-08	0.00E+00	7.58E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	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	1.51E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Rich	49033	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	9.51E-06	0.00E+00	0.00E+00	8.30E-02
Utah	Rich	49033	R	Chromium Compounds	5.52E-07	5.52E-07	5.52E-07	5.78E-07	5.78E-07	6.05E-07	6.05E-07	6.05E-07	0.00E+00	1.14E-07	2.18E-07	2.47E-07	0.00E+00
Utah	Rich	49033	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
Utah	Rich	49033	R	1,3-Dichloropropene	1.57E-04	1.57E-04	1.57E-04	1.58E-04	1.58E-04	1.60E-04	1.60E-04	1.60E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	Diesel Particulate Matter	1.62E-01	1.62E-01	1.62E-01	1.77E-01	1.77E-01	1.92E-01	1.92E-01	1.92E-01	0.00E+00	0.00E+00	5.33E-02	1.24E-01	***

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Rich	49033	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	1.78E-09	0.00E+00	0.00E+00	7.70E-03
Utah	Rich	49033	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	3.60E-07	0.00E+00	0.00E+00	6.10E-02
Utah	Rich	49033	R	Ethylene Oxide	2.52E-06	2.52E-06	2.52E-06	3.96E-06	3.96E-06	5.39E-06	5.39E-06	5.39E-06	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	Formaldehyde	2.81E-01	2.81E-01	2.81E-01	2.83E-01	2.83E-01	2.85E-01	2.85E-01	2.85E-01	1.11E-03	2.42E-02	5.46E-03	2.09E-03	2.50E-01
Utah	Rich	49033	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	1.81E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Rich	49033	R	Hydrazine	6.35E-12	6.35E-12	6.35E-12	1.41E-11	1.41E-11	2.19E-11	2.19E-11	2.19E-11	0.00E+00	1.41E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	Lead Compounds	1.33E-06	1.33E-06	1.33E-06	1.48E-06	1.48E-06	1.63E-06	1.63E-06	1.63E-06	0.00E+00	1.18E-06	2.98E-07	0.00E+00	0.00E+00
Utah	Rich	49033	R	Manganese Compounds	3.36E-06	3.36E-06	3.36E-06	4.22E-06	4.22E-06	5.08E-06	5.08E-06	5.08E-06	0.00E+00	3.87E-06	8.47E-08	2.67E-07	0.00E+00
Utah	Rich	49033	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	4.26E-07	2.94E-09	7.28E-08	1.50E-03
Utah	Rich	49033	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	3.26E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Rich	49033	R	Nickel Compounds	7.47E-07	7.47E-07	7.47E-07	8.15E-07	8.15E-07	8.83E-07	8.83E-07	8.83E-07	0.00E+00	5.36E-07	1.69E-07	1.10E-07	0.00E+00
Utah	Rich	49033	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Rich	49033	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
Utah	Rich	49033	R	Polycyclic Organic Matter	7.67E-04	7.67E-04	7.67E-04	8.85E-04	8.85E-04	1.00E-03	1.00E-03	1.00E-03	0.00E+00	8.82E-04	1.59E-06	1.45E-06	0.00E+00
Utah	Rich	49033	R	7-PAH	1.17E-04	1.17E-04	1.17E-04	1.39E-04	1.39E-04	1.60E-04	1.60E-04	1.60E-04	0.00E+00	1.37E-04	7.08E-07	7.46E-07	0.00E+00
Utah	Rich	49033	R	Propylene Dichloride	1.43E-07	1.43E-07	1.43E-07	1.77E-07	1.77E-07	2.11E-07	2.11E-07	2.11E-07	0.00E+00	1.77E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	Quinoline	1.63E-10	1.63E-10	1.63E-10	3.79E-10	3.79E-10	5.94E-10	5.94E-10	5.94E-10	0.00E+00	3.79E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	1,1,2,2-Tetrachloroethane	1.13E-06	1.13E-06	1.13E-06	1.44E-06	1.44E-06	1.75E-06	1.75E-06	1.75E-06	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Rich	49033	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	4.65E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Rich	49033	R	Vinyl Chloride	2.80E-06	2.80E-06	2.80E-06	3.57E-06	3.57E-06	4.33E-06	4.33E-06	4.33E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Acetaldehyde	4.47E-01	5.05E-01	5.57E-01	6.45E-01	6.55E-01	7.21E-01	8.01E-01	8.88E-01	4.16E-05	7.21E-02	4.14E-01	1.68E-01	0.00E+00
Utah	Salt Lake	49035	U	Acrolein	6.14E-02	6.49E-02	7.21E-02	8.25E-02	8.50E-02	9.36E-02	1.03E-01	1.19E-01	1.87E-05	1.54E-02	4.52E-02	2.44E-02	0.00E+00
Utah	Salt Lake	49035	U	Acrylonitrile	4.24E-04	4.87E-04	5.78E-04	7.49E-04	9.53E-04	9.60E-04	1.40E-03	1.67E-03	7.33E-04	2.19E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Arsenic Compounds	5.07E-05	5.50E-05	6.96E-05	8.98E-05	1.15E-04	1.41E-04	2.27E-04	2.56E-04	4.85E-05	6.63E-05	5.27E-07	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Benzene	1.23E+00	1.31E+00	1.50E+00	1.69E+00	1.70E+00	1.89E+00	2.07E+00	2.32E+00	1.72E-02	1.11E-01	8.78E-01	2.18E-01	4.80E-01
Utah	Salt Lake	49035	U	Beryllium Compounds	3.38E-06	4.01E-06	5.35E-06	7.18E-06	8.69E-06	1.13E-05	1.39E-05	1.92E-05	3.18E-07	8.37E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	1,3-Butadiene	5.41E-02	7.11E-02	9.24E-02	1.14E-01	1.15E-01	1.33E-01	1.59E-01	1.74E-01	3.05E-05	2.82E-03	9.02E-02	2.14E-02	0.00E+00
Utah	Salt Lake	49035	U	Cadmium Compounds	3.83E-05	4.19E-05	4.86E-05	6.60E-05	7.50E-05	7.95E-05	1.04E-04	1.33E-04	1.04E-05	6.46E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.37E-06	2.80E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Salt Lake	49035	U	Chloroform	8.40E-02	8.41E-02	8.43E-02	8.46E-02	8.49E-02	8.50E-02	8.56E-02	8.63E-02	7.82E-06	1.90E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Salt Lake	49035	U	Chromium Compounds	1.89E-03	2.30E-03	4.52E-03	7.69E-03	1.72E-02	1.69E-02	3.35E-02	6.21E-02	1.62E-02	8.54E-04	3.28E-05	5.89E-05	0.00E+00
Utah	Salt Lake	49035	U	Coke Oven Emissions	0.00E+00	0.00E+00	6.29E-06	7.35E-06	7.19E-04	1.62E-03	1.88E-03	2.09E-03	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	1,3-Dichloropropene	2.55E-02	3.50E-02	5.03E-02	6.26E-02	6.52E-02	8.30E-02	9.72E-02	1.08E-01	0.00E+00	6.52E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Diesel Particulate Matter	8.87E-01	9.51E-01	1.14E+00	1.49E+00	1.72E+00	1.82E+00	2.30E+00	3.17E+00	0.00E+00	0.00E+00	3.57E-01	1.36E+00	***
Utah	Salt Lake	49035	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	4.10E-07	2.86E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Salt Lake	49035	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	8.88E-05	3.04E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Salt Lake	49035	U	Ethylene Oxide	1.33E-03	1.80E-03	2.72E-03	4.13E-03	6.23E-03	8.72E-03	1.20E-02	1.68E-02	0.00E+00	6.23E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Formaldehyde	7.99E-01	8.18E-01	8.84E-01	1.02E+00	1.05E+00	1.12E+00	1.27E+00	1.45E+00	1.15E-03	1.27E-01	4.11E-01	2.60E-01	2.50E-01
Utah	Salt Lake	49035	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	1.60E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Salt Lake	49035	U	Hydrazine	7.56E-09	1.15E-08	1.70E-08	3.62E-08	8.19E-08	8.97E-08	1.79E-07	2.91E-07	0.00E+00	8.19E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Lead Compounds	1.29E-03	1.37E-03	1.70E-03	2.16E-03	2.46E-03	2.77E-03	3.44E-03	4.64E-03	2.65E-04	6.21E-04	4.61E-05	1.53E-03	0.00E+00
Utah	Salt Lake	49035	U	Manganese Compounds	2.66E-03	3.61E-03	6.28E-03	1.00E-02	2.06E-02	1.96E-02	3.90E-02	7.26E-02	1.86E-02	1.95E-03	1.37E-05	6.64E-05	0.00E+00
Utah	Salt Lake	49035	U	Mercury Compounds	1.60E-03	1.61E-03	1.63E-03	1.67E-03	1.70E-03	1.71E-03	1.79E-03	1.84E-03	3.17E-06	1.81E-04	4.39E-07	1.64E-05	1.50E-03
Utah	Salt Lake	49035	U	Methylene Chloride	2.09E-01	2.22E-01	2.46E-01	2.72E-01	3.05E-01	3.45E-01	4.25E-01	4.79E-01	1.93E-02	1.36E-01	0.00E+00	0.00E+00	1.50E-01
Utah	Salt Lake	49035	U	Nickel Compounds	1.13E-03	1.57E-03	2.83E-03	4.71E-03	9.86E-03	9.81E-03	1.87E-02	3.43E-02	8.90E-03	9.05E-04	2.57E-05	2.95E-05	0.00E+00
Utah	Salt Lake	49035	U	Perchloroethylene	1.77E-01	1.98E-01	2.17E-01	2.34E-01	2.41E-01	2.64E-01	2.93E-01	3.09E-01	1.97E-03	9.93E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Salt Lake	49035	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
Utah	Salt Lake	49035	U	Polycyclic Organic Matter	1.51E-02	1.70E-02	2.15E-02	2.57E-02	2.75E-02	3.30E-02	3.96E-02	4.38E-02	1.54E-03	2.56E-02	2.31E-04	1.03E-04	0.00E+00
Utah	Salt Lake	49035	U	7-PAH	2.98E-04	3.07E-04	3.61E-04	4.19E-04	4.66E-04	5.47E-04	6.70E-04	7.70E-04	1.18E-08	3.21E-04	1.03E-04	4.31E-05	0.00E+00
Utah	Salt Lake	49035	U	Propylene Dichloride	2.53E-05	2.91E-05	3.47E-05	4.63E-05	5.69E-05	5.68E-05	8.23E-05	1.03E-04	4.44E-05	1.25E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	Quinoline	4.93E-08	5.83E-08	8.88E-08	1.46E-07	2.69E-07	2.59E-07	5.89E-07	8.38E-07	0.00E+00	2.69E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake	49035	U	1,1,2,2-Tetrachloroethane	2.12E-04	2.44E-04	2.88E-04	3.70E-04	4.76E-04	4.81E-04	6.94E-04	8.28E-04	4.07E-04	6.87E-05	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Salt Lake	49035	U	Trichloroethylene	8.91E-02	9.02E-02	9.42E-02	1.01E-01	1.10E-01	1.18E-01	1.44E-01	1.51E-01	8.08E-04	2.81E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Salt Lake	49035	U	Vinyl Chloride	5.28E-04	6.05E-04	7.20E-04	9.40E-04	1.19E-03	1.20E-03	1.75E-03	2.10E-03	1.00E-03	1.85E-04	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	Acetaldehyde	5.26E-03	5.26E-03	1.08E-02	1.81E-02	1.73E-02	2.38E-02	2.76E-02	2.76E-02	0.00E+00	6.95E-03	8.52E-03	1.78E-03	0.00E+00
Utah	San Juan	49037	R	Acrolein	1.04E-03	1.04E-03	2.14E-03	3.42E-03	2.93E-03	3.72E-03	3.86E-03	3.86E-03	0.00E+00	1.71E-03	1.07E-03	1.53E-04	0.00E+00
Utah	San Juan	49037	R	Acrylonitrile	1.59E-05	1.59E-05	1.95E-05	2.64E-05	2.52E-05	3.10E-05	3.21E-05	3.21E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	Arsenic Compounds	9.80E-08	9.80E-08	1.54E-07	2.11E-07	2.23E-07	2.91E-07	3.70E-07	3.70E-07	0.00E+00	2.16E-07	6.97E-09	8.29E-13	0.00E+00
Utah	San Juan	49037	R	Benzene	4.90E-01	4.90E-01	5.08E-01	5.26E-01	5.20E-01	5.32E-01	5.38E-01	5.38E-01	0.00E+00	2.54E-02	1.23E-02	2.46E-03	4.80E-01
Utah	San Juan	49037	R	Beryllium Compounds	4.43E-08	4.43E-08	6.93E-08	9.52E-08	9.97E-08	1.30E-07	1.64E-07	1.64E-07	0.00E+00	9.97E-08	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	1,3-Butadiene	3.70E-04	3.70E-04	9.66E-04	1.58E-03	1.42E-03	1.87E-03	2.13E-03	2.13E-03	0.00E+00	3.72E-04	9.20E-04	1.24E-04	0.00E+00
Utah	San Juan	49037	R	Cadmium Compounds	7.10E-08	7.10E-08	1.09E-07	1.47E-07	1.48E-07	1.87E-07	2.26E-07	2.26E-07	0.00E+00	1.48E-07	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	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	1.58E-06	0.00E+00	0.00E+00	8.80E-01
Utah	San Juan	49037	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	9.39E-06	0.00E+00	0.00E+00	8.30E-02
Utah	San Juan	49037	R	Chromium Compounds	2.83E-07	2.83E-07	7.17E-07	1.15E-06	9.57E-07	1.20E-06	1.24E-06	1.24E-06	0.00E+00	2.14E-07	4.77E-07	2.66E-07	0.00E+00
Utah	San Juan	49037	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
Utah	San Juan	49037	R	1,3-Dichloropropene	1.57E-04	1.57E-04	2.18E-04	2.81E-04	3.05E-04	3.91E-04	5.00E-04	5.00E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	Diesel Particulate Matter	3.65E-02	3.65E-02	4.36E-02	5.22E-02	5.04E-02	5.73E-02	6.07E-02	6.07E-02	0.00E+00	0.00E+00	3.05E-02	1.99E-02	***
Utah	San Juan	49037	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	1.38E-08	0.00E+00	0.00E+00	7.70E-03
Utah	San Juan	49037	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	1.21E-05	0.00E+00	0.00E+00	6.10E-02
Utah	San Juan	49037	R	Ethylene Oxide	1.63E-06	1.63E-06	3.66E-06	5.74E-06	4.91E-06	6.16E-06	6.55E-06	6.55E-06	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	Formaldehyde	2.58E-01	2.58E-01	2.66E-01	2.75E-01	2.73E-01	2.79E-01	2.83E-01	2.83E-01	0.00E+00	1.28E-02	8.13E-03	1.59E-03	2.50E-01
Utah	San Juan	49037	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	1.17E-08	0.00E+00	0.00E+00	9.30E-05
Utah	San Juan	49037	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	Lead Compounds	2.10E-06	2.10E-06	2.20E-06	2.35E-06	2.49E-06	2.78E-06	3.16E-06	3.16E-06	0.00E+00	1.52E-06	6.60E-07	3.06E-07	0.00E+00
Utah	San Juan	49037	R	Manganese Compounds	3.69E-06	3.69E-06	5.69E-06	7.74E-06	8.00E-06	1.03E-05	1.28E-05	1.28E-05	0.00E+00	7.51E-06	1.89E-07	2.99E-07	0.00E+00
Utah	San Juan	49037	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	4.85E-07	6.23E-09	7.55E-08	1.50E-03
Utah	San Juan	49037	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	6.52E-04	0.00E+00	0.00E+00	1.50E-01
Utah	San Juan	49037	R	Nickel Compounds	3.11E-07	3.11E-07	7.37E-07	1.17E-06	1.18E-06	1.62E-06	2.06E-06	2.06E-06	0.00E+00	6.81E-07	3.70E-07	1.28E-07	0.00E+00
Utah	San Juan	49037	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.98E-04	0.00E+00	0.00E+00	1.40E-01
Utah	San Juan	49037	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
Utah	San Juan	49037	R	Polycyclic Organic Matter	4.78E-04	4.78E-04	1.31E-03	2.17E-03	1.82E-03	2.33E-03	2.47E-03	2.47E-03	0.00E+00	1.82E-03	3.45E-06	1.11E-06	0.00E+00
Utah	San Juan	49037	R	7-PAH	1.81E-05	1.81E-05	2.92E-05	4.15E-05	3.87E-05	4.83E-05	5.39E-05	5.39E-05	0.00E+00	3.66E-05	1.53E-06	5.69E-07	0.00E+00
Utah	San Juan	49037	R	Propylene Dichloride	9.54E-07	9.54E-07	1.17E-06	1.58E-06	1.51E-06	1.86E-06	1.93E-06	1.93E-06	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	1,1,2,2-Tetrachloroethane	8.65E-06	8.65E-06	1.06E-05	1.44E-05	1.37E-05	1.69E-05	1.75E-05	1.75E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan	49037	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.20E-04	0.00E+00	0.00E+00	8.10E-02
Utah	San Juan	49037	R	Vinyl Chloride	2.13E-05	2.13E-05	2.61E-05	3.54E-05	3.38E-05	4.15E-05	4.30E-05	4.30E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Acetaldehyde	2.83E-02	2.83E-02	9.12E-02	9.60E-02	1.23E-01	1.70E-01	2.29E-01	2.29E-01	0.00E+00	3.25E-02	8.20E-02	8.31E-03	0.00E+00
Utah	Sanpete	49039	R	Acrolein	3.43E-03	3.43E-03	1.14E-02	2.16E-02	5.43E-02	4.06E-02	1.95E-01	1.95E-01	0.00E+00	4.31E-02	1.02E-02	9.82E-04	0.00E+00
Utah	Sanpete	49039	R	Acrylonitrile	6.63E-05	6.63E-05	1.23E-04	1.23E-04	1.34E-04	1.37E-04	2.18E-04	2.18E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Arsenic Compounds	6.81E-07	6.81E-07	1.46E-06	2.20E-06	2.58E-06	2.92E-06	5.64E-06	5.64E-06	0.00E+00	2.50E-06	8.13E-08	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Benzene	5.28E-01	5.28E-01	6.50E-01	6.56E-01	7.23E-01	7.77E-01	1.00E+00	1.00E+00	0.00E+00	1.11E-01	1.26E-01	6.26E-03	4.80E-01
Utah	Sanpete	49039	R	Beryllium Compounds	2.87E-07	2.87E-07	6.11E-07	9.20E-07	1.09E-06	1.23E-06	2.42E-06	2.42E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	1,3-Butadiene	3.31E-03	3.31E-03	1.29E-02	1.63E-02	2.28E-02	1.91E-02	6.25E-02	6.25E-02	0.00E+00	1.18E-02	1.05E-02	4.71E-04	0.00E+00
Utah	Sanpete	49039	R	Cadmium Compounds	4.55E-07	4.55E-07	9.65E-07	1.32E-06	1.56E-06	1.73E-06	3.31E-06	3.31E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	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	1.72E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Sanpete	49039	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	0.00E+00	1.05E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Sanpete	49039	R	Chromium Compounds	3.78E-06	3.78E-06	8.71E-06	1.08E-05	1.10E-05	1.25E-05	1.91E-05	1.91E-05	0.00E+00	2.45E-06	5.29E-06	3.25E-06	0.00E+00
Utah	Sanpete	49039	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
Utah	Sanpete	49039	R	1,3-Dichloropropene	1.00E-03	1.00E-03	2.13E-03	3.22E-03	3.83E-03	4.25E-03	8.54E-03	8.54E-03	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Diesel Particulate Matter	1.49E-01	1.49E-01	2.10E-01	2.96E-01	2.56E-01	3.05E-01	3.20E-01	3.20E-01	0.00E+00	0.00E+00	1.24E-01	1.32E-01	***
Utah	Sanpete	49039	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	7.17E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Sanpete	49039	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	0.00E+00	3.17E-05	0.00E+00	0.00E+00	6.10E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Sanpete	49039	R	Ethylene Oxide	2.06E-05	2.06E-05	4.37E-05	6.35E-05	7.36E-05	7.40E-05	1.66E-04	1.66E-04	0.00E+00	7.36E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Formaldehyde	2.80E-01	2.80E-01	3.53E-01	4.14E-01	5.16E-01	4.58E-01	1.07E+00	1.07E+00	0.00E+00	1.73E-01	8.15E-02	1.18E-02	2.50E-01
Utah	Sanpete	49039	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	1.01E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Sanpete	49039	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Lead Compounds	6.51E-06	6.51E-06	1.49E-05	2.05E-05	2.21E-05	2.55E-05	4.31E-05	4.31E-05	0.00E+00	1.48E-05	7.33E-06	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Manganese Compounds	2.62E-05	2.62E-05	5.56E-05	8.22E-05	9.56E-05	1.05E-04	2.09E-04	2.09E-04	0.00E+00	8.99E-05	2.12E-06	3.62E-06	0.00E+00
Utah	Sanpete	49039	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	4.23E-06	7.08E-08	9.93E-07	1.50E-03
Utah	Sanpete	49039	R	Methylene Chloride	1.52E-01	1.52E-01	1.55E-01	1.57E-01	1.58E-01	1.61E-01	1.67E-01	1.67E-01	0.00E+00	8.12E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Sanpete	49039	R	Nickel Compounds	5.23E-06	5.23E-06	1.17E-05	1.65E-05	1.84E-05	2.17E-05	3.67E-05	3.67E-05	0.00E+00	1.27E-05	4.11E-06	1.54E-06	0.00E+00
Utah	Sanpete	49039	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	1.47E-01	1.47E-01	0.00E+00	3.26E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Sanpete	49039	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
Utah	Sanpete	49039	R	Polycyclic Organic Matter	7.75E-04	7.75E-04	2.44E-03	6.08E-03	8.74E-03	6.37E-03	2.80E-02	2.80E-02	0.00E+00	8.70E-03	3.81E-05	2.25E-06	0.00E+00
Utah	Sanpete	49039	R	7-PAH	9.16E-06	9.16E-06	2.63E-05	4.28E-05	1.02E-03	7.39E-04	4.29E-03	4.29E-03	0.00E+00	1.00E-03	1.69E-05	1.08E-06	0.00E+00
Utah	Sanpete	49039	R	Propylene Dichloride	3.93E-06	3.93E-06	7.29E-06	7.29E-06	7.92E-06	8.14E-06	1.30E-05	1.30E-05	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	1,1,2,2-Tetrachloroethane	3.53E-05	3.53E-05	6.54E-05	6.54E-05	7.11E-05	7.31E-05	1.16E-04	1.16E-04	0.00E+00	7.11E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete	49039	R	Trichloroethylene	8.14E-02	8.14E-02	8.18E-02	8.21E-02	8.24E-02	8.25E-02	8.39E-02	8.39E-02	0.00E+00	1.36E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Sanpete	49039	R	Vinyl Chloride	8.70E-05	8.70E-05	1.61E-04	1.61E-04	1.75E-04	1.80E-04	2.86E-04	2.86E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Acetaldehyde	7.15E-02	7.15E-02	9.40E-02	1.11E-01	1.36E-01	2.02E-01	2.03E-01	2.03E-01	7.08E-07	4.93E-02	7.03E-02	1.67E-02	0.00E+00
Utah	Sevier	49041	R	Acrolein	1.50E-02	1.50E-02	3.57E-02	3.83E-02	4.27E-02	6.24E-02	6.24E-02	6.24E-02	3.61E-07	3.22E-02	8.51E-03	2.08E-03	0.00E+00
Utah	Sevier	49041	R	Acrylonitrile	4.16E-06	4.16E-06	4.61E-06	5.10E-06	5.07E-06	5.74E-06	5.74E-06	5.74E-06	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Arsenic Compounds	1.03E-06	1.03E-06	1.41E-06	4.16E-06	4.65E-06	8.32E-06	8.32E-06	8.32E-06	5.97E-07	3.97E-06	8.38E-08	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Benzene	5.73E-01	5.73E-01	6.30E-01	6.57E-01	7.51E-01	9.47E-01	9.47E-01	9.47E-01	2.01E-06	1.38E-01	1.22E-01	1.17E-02	4.80E-01
Utah	Sevier	49041	R	Beryllium Compounds	4.33E-07	4.33E-07	5.96E-07	6.52E-07	1.72E-06	3.46E-06	3.46E-06	3.46E-06	3.10E-08	1.69E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	1,3-Butadiene	8.13E-03	8.13E-03	1.40E-02	1.54E-02	2.24E-02	3.72E-02	3.72E-02	3.72E-02	0.00E+00	1.04E-02	1.12E-02	7.78E-04	0.00E+00
Utah	Sevier	49041	R	Cadmium Compounds	8.82E-07	8.82E-07	1.18E-06	1.40E-06	2.61E-06	4.79E-06	4.79E-06	4.79E-06	7.59E-08	2.53E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	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	1.57E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Sevier	49041	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	9.22E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Sevier	49041	R	Chromium Compounds	5.39E-06	5.39E-06	7.58E-06	8.11E-06	1.68E-05	3.14E-05	3.14E-05	3.14E-05	3.85E-07	3.75E-06	5.63E-06	7.00E-06	0.00E+00
Utah	Sevier	49041	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
Utah	Sevier	49041	R	1,3-Dichloropropene	1.52E-03	1.52E-03	1.71E-03	2.06E-03	5.54E-03	1.12E-02	1.12E-02	1.12E-02	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Diesel Particulate Matter	1.39E-01	1.39E-01	1.60E-01	1.88E-01	2.03E-01	2.64E-01	2.64E-01	2.64E-01	0.00E+00	0.00E+00	9.63E-02	1.06E-01	***
Utah	Sevier	49041	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Sevier	49041	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.19E-08	3.64E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Sevier	49041	R	Ethylene Oxide	1.26E-05	1.26E-05	1.92E-05	2.76E-05	9.43E-05	2.06E-04	2.06E-04	2.06E-04	0.00E+00	9.43E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Formaldehyde	3.44E-01	3.44E-01	4.26E-01	4.45E-01	4.94E-01	6.27E-01	6.27E-01	6.27E-01	3.83E-07	1.45E-01	7.34E-02	2.50E-02	2.50E-01
Utah	Sevier	49041	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.59E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Sevier	49041	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Lead Compounds	1.47E-05	1.47E-05	1.96E-05	2.02E-05	5.07E-05	9.95E-05	9.95E-05	9.95E-05	6.26E-07	4.22E-05	7.89E-06	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Manganese Compounds	3.03E-05	3.03E-05	3.63E-05	3.88E-05	1.07E-04	2.15E-04	2.15E-04	2.15E-04	7.23E-07	9.69E-05	2.28E-06	7.33E-06	0.00E+00
Utah	Sevier	49041	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.29E-07	1.15E-05	7.49E-08	2.01E-06	1.50E-03
Utah	Sevier	49041	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.54E-01	1.64E-01	1.81E-01	1.81E-01	1.81E-01	4.23E-07	1.40E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Sevier	49041	R	Nickel Compounds	6.64E-06	6.64E-06	9.45E-06	9.65E-06	3.35E-05	7.10E-05	7.10E-05	7.10E-05	4.08E-07	2.57E-05	4.35E-06	3.12E-06	0.00E+00
Utah	Sevier	49041	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.46E-01	1.52E-01	1.52E-01	1.52E-01	6.29E-08	5.51E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Sevier	49041	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
Utah	Sevier	49041	R	Polycyclic Organic Matter	2.34E-03	2.34E-03	5.11E-03	5.74E-03	1.13E-02	2.16E-02	2.16E-02	2.16E-02	2.92E-08	1.12E-02	4.01E-05	4.56E-06	0.00E+00
Utah	Sevier	49041	R	7-PAH	2.00E-04	2.00E-04	6.43E-04	6.60E-04	7.45E-04	1.11E-03	1.11E-03	1.11E-03	5.96E-10	7.25E-04	1.78E-05	2.16E-06	0.00E+00
Utah	Sevier	49041	R	Propylene Dichloride	1.24E-07	1.24E-07	1.38E-07	1.52E-07	1.51E-07	1.71E-07	1.71E-07	1.71E-07	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	1,1,2,2-Tetrachloroethane	1.88E-08	1.88E-08	2.09E-08	2.31E-08	2.30E-08	2.60E-08	2.60E-08	2.60E-08	0.00E+00	2.30E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier	49041	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.16E-02	8.38E-02	8.72E-02	8.72E-02	8.72E-02	0.00E+00	2.75E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Sevier	49041	R	Vinyl Chloride	7.22E-08	7.22E-08	8.01E-08	8.86E-08	8.81E-08	9.97E-08	9.97E-08	9.97E-08	0.00E+00	8.81E-08	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Summit	49043	R	Acetaldehyde	2.23E-02	2.23E-02	2.98E-02	7.15E-02	7.96E-02	1.29E-01	1.53E-01	1.53E-01	7.04E-06	2.93E-02	3.56E-02	1.47E-02	0.00E+00
Utah	Summit	49043	R	Acrolein	3.30E-03	3.30E-03	3.80E-03	8.32E-03	9.49E-03	1.52E-02	1.80E-02	1.80E-02	4.70E-06	3.25E-03	4.28E-03	1.96E-03	0.00E+00
Utah	Summit	49043	R	Acrylonitrile	1.33E-05	1.33E-05	1.55E-05	3.76E-05	3.96E-05	6.37E-05	6.97E-05	6.97E-05	1.95E-05	2.01E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	Arsenic Compounds	2.12E-06	2.12E-06	4.44E-06	7.02E-06	7.04E-06	9.64E-06	1.20E-05	1.20E-05	3.45E-06	3.54E-06	5.10E-08	0.00E+00	0.00E+00
Utah	Summit	49043	R	Benzene	5.02E-01	5.02E-01	5.08E-01	5.50E-01	5.62E-01	6.16E-01	6.47E-01	6.47E-01	2.55E-03	1.21E-02	6.06E-02	6.79E-03	4.80E-01
Utah	Summit	49043	R	Beryllium Compounds	2.08E-07	2.08E-07	3.43E-07	1.12E-06	1.53E-06	2.71E-06	3.67E-06	3.67E-06	1.73E-07	1.36E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	1,3-Butadiene	1.62E-03	1.62E-03	1.91E-03	5.14E-03	6.68E-03	1.15E-02	1.48E-02	1.48E-02	3.61E-07	8.76E-04	5.43E-03	3.80E-04	0.00E+00
Utah	Summit	49043	R	Cadmium Compounds	5.89E-07	5.89E-07	1.04E-06	3.87E-06	4.29E-06	7.53E-06	8.82E-06	8.82E-06	1.47E-06	2.82E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	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	3.57E-08	1.32E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Summit	49043	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	2.08E-07	9.60E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Summit	49043	R	Chromium Compounds	3.29E-06	3.29E-06	4.86E-05	1.52E-04	1.65E-04	2.82E-04	3.54E-04	3.54E-04	1.16E-04	4.09E-05	3.28E-06	5.09E-06	0.00E+00
Utah	Summit	49043	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	1.22E-06	2.19E-04	4.39E-04	8.75E-04	8.75E-04	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	1,3-Dichloropropene	4.78E-04	4.78E-04	6.13E-04	3.02E-03	3.96E-03	7.30E-03	9.31E-03	9.31E-03	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	Diesel Particulate Matter	2.26E-01	2.26E-01	2.62E-01	3.12E-01	2.97E-01	3.31E-01	3.38E-01	3.38E-01	0.00E+00	0.00E+00	8.96E-02	2.07E-01	***
Utah	Summit	49043	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.09E-08	1.11E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Summit	49043	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	2.64E-06	2.51E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Summit	49043	R	Ethylene Oxide	6.14E-06	6.14E-06	8.07E-06	5.09E-05	5.48E-05	1.02E-04	1.11E-04	1.11E-04	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	Formaldehyde	2.75E-01	2.75E-01	2.84E-01	3.42E-01	3.81E-01	4.77E-01	5.63E-01	5.63E-01	5.34E-04	6.94E-02	3.74E-02	2.32E-02	2.50E-01
Utah	Summit	49043	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	3.19E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Summit	49043	R	Hydrazine	4.86E-12	4.86E-12	8.39E-12	8.99E-11	9.56E-11	1.83E-10	1.98E-10	1.98E-10	0.00E+00	9.56E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	Lead Compounds	5.91E-06	5.91E-06	9.44E-06	1.32E-04	1.54E-04	2.98E-04	3.44E-04	3.44E-04	6.34E-06	2.97E-05	4.61E-06	1.13E-04	0.00E+00
Utah	Summit	49043	R	Manganese Compounds	1.37E-05	1.37E-05	6.67E-05	2.16E-04	2.48E-04	4.29E-04	5.45E-04	5.45E-04	1.29E-04	1.12E-04	1.34E-06	5.28E-06	0.00E+00
Utah	Summit	49043	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.75E-06	6.61E-06	4.48E-08	1.49E-06	1.50E-03
Utah	Summit	49043	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.56E-01	1.61E-01	1.70E-01	1.80E-01	1.80E-01	2.63E-04	1.03E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Summit	49043	R	Nickel Compounds	3.17E-06	3.17E-06	2.91E-05	1.19E-04	1.38E-04	2.48E-04	3.12E-04	3.12E-04	7.68E-05	5.69E-05	2.54E-06	2.19E-06	0.00E+00
Utah	Summit	49043	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.46E-01	1.50E-01	1.58E-01	1.65E-01	1.65E-01	7.49E-05	9.50E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Summit	49043	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
Utah	Summit	49043	R	Polycyclic Organic Matter	3.74E-04	3.74E-04	4.22E-04	1.62E-03	2.14E-03	3.85E-03	4.93E-03	4.93E-03	1.46E-04	1.96E-03	2.33E-05	3.69E-06	0.00E+00
Utah	Summit	49043	R	7-PAH	3.49E-05	3.49E-05	3.65E-05	6.96E-05	8.18E-05	1.27E-04	1.53E-04	1.53E-04	2.76E-09	7.03E-05	1.04E-05	1.09E-06	0.00E+00
Utah	Summit	49043	R	Propylene Dichloride	7.57E-07	7.57E-07	8.83E-07	2.18E-06	2.29E-06	3.70E-06	4.05E-06	4.05E-06	1.18E-06	1.11E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	Quinoline	1.27E-10	1.27E-10	2.04E-10	2.56E-09	2.55E-09	4.89E-09	4.94E-09	4.94E-09	0.00E+00	2.55E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	1,1,2,2-Tetrachloroethane	6.50E-06	6.50E-06	7.56E-06	1.86E-05	1.96E-05	3.16E-05	3.47E-05	3.47E-05	1.08E-05	8.77E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Summit	49043	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.20E-02	8.31E-02	8.50E-02	8.72E-02	8.72E-02	2.11E-05	2.03E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Summit	49043	R	Vinyl Chloride	1.60E-05	1.60E-05	1.86E-05	4.59E-05	4.84E-05	7.81E-05	8.57E-05	8.57E-05	2.66E-05	2.18E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Acetaldehyde	1.67E-02	1.67E-02	2.41E-01	2.94E-01	2.71E-01	3.63E-01	3.95E-01	3.95E-01	3.98E-06	1.06E-01	1.29E-01	3.64E-02	0.00E+00
Utah	Tooele	49045	U	Acrolein	4.17E-03	4.17E-03	4.37E-02	8.04E-02	8.34E-02	1.14E-01	1.73E-01	1.73E-01	3.39E-06	6.29E-02	1.57E-02	4.75E-03	0.00E+00
Utah	Tooele	49045	U	Acrylonitrile	7.25E-06	7.25E-06	1.02E-04	1.24E-04	1.06E-04	1.33E-04	1.36E-04	1.36E-04	7.69E-05	2.92E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Arsenic Compounds	2.40E-05	2.40E-05	8.20E-05	9.71E-05	8.72E-05	1.01E-04	1.22E-04	1.22E-04	3.58E-05	5.13E-05	1.52E-07	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Benzene	4.99E-01	4.99E-01	7.18E-01	9.22E-01	9.01E-01	1.07E+00	1.25E+00	1.25E+00	1.05E-03	1.64E-01	1.78E-01	7.80E-02	4.80E-01
Utah	Tooele	49045	U	Beryllium Compounds	7.78E-07	7.78E-07	2.45E-06	6.32E-06	6.05E-06	9.77E-06	1.29E-05	1.29E-05	6.26E-08	5.99E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	1,3-Butadiene	1.69E-03	1.69E-03	1.18E-02	5.30E-02	5.89E-02	8.03E-02	1.50E-01	1.50E-01	2.49E-07	4.20E-02	1.14E-02	5.54E-03	0.00E+00
Utah	Tooele	49045	U	Cadmium Compounds	3.67E-05	3.67E-05	3.70E-05	4.91E-05	5.54E-05	5.86E-05	1.20E-04	1.20E-04	3.17E-06	5.22E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.41E-07	3.91E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Tooele	49045	U	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	8.20E-07	2.72E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Tooele	49045	U	Chromium Compounds	2.15E-05	2.15E-05	8.25E-04	9.26E-04	1.09E-03	1.51E-03	2.49E-03	2.49E-03	9.40E-04	1.39E-04	1.06E-05	6.00E-06	0.00E+00
Utah	Tooele	49045	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
Utah	Tooele	49045	U	1,3-Dichloropropene	9.23E-05	9.23E-05	9.20E-03	2.57E-02	2.24E-02	3.98E-02	4.20E-02	4.20E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Diesel Particulate Matter	1.37E-01	1.37E-01	3.51E-01	3.96E-01	3.56E-01	4.10E-01	4.14E-01	4.14E-01	0.00E+00	0.00E+00	9.29E-02	2.64E-01	***
Utah	Tooele	49045	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	4.30E-08	9.40E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Tooele	49045	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	9.41E-06	1.22E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Tooele	49045	U	Ethylene Oxide	6.59E-06	6.59E-06	6.52E-04	7.26E-04	6.32E-04	7.85E-04	7.94E-04	7.94E-04	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Formaldehyde	2.75E-01	2.75E-01	4.99E-01	7.22E-01	7.51E-01	9.36E-01	1.30E+00	1.30E+00	1.40E-04	3.54E-01	1.01E-01	4.62E-02	2.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Tooele	49045	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.35E-05	9.32E-05	9.61E-05	9.61E-05	0.00E+00	5.15E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Tooele	49045	U	Hydrazine	1.51E-09	1.51E-09	3.25E-09	3.56E-08	2.85E-08	3.84E-08	8.07E-08	8.07E-08	0.00E+00	2.85E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Lead Compounds	3.56E-04	3.56E-04	6.76E-04	7.36E-04	7.01E-04	8.06E-04	8.85E-04	8.85E-04	1.97E-04	2.74E-04	1.49E-05	2.15E-04	0.00E+00
Utah	Tooele	49045	U	Manganese Compounds	1.14E-05	1.14E-05	1.44E-03	1.82E-03	1.68E-03	2.07E-03	3.05E-03	3.05E-03	1.05E-03	6.21E-04	4.25E-06	7.81E-06	0.00E+00
Utah	Tooele	49045	U	Mercury Compounds	1.53E-03	1.53E-03	1.71E-03	2.17E-03	2.75E-03	2.69E-03	7.11E-03	7.11E-03	3.05E-07	1.25E-03	1.46E-07	1.64E-06	1.50E-03
Utah	Tooele	49045	U	Methylene Chloride	1.51E-01	1.51E-01	1.72E-01	1.86E-01	1.83E-01	1.94E-01	2.01E-01	2.01E-01	6.18E-03	2.65E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Tooele	49045	U	Nickel Compounds	1.14E-05	1.14E-05	4.47E-04	5.45E-04	6.20E-04	8.15E-04	1.34E-03	1.34E-03	4.76E-04	1.33E-04	8.00E-06	3.48E-06	0.00E+00
Utah	Tooele	49045	U	Perchloroethylene	1.40E-01	1.40E-01	1.50E-01	1.61E-01	1.58E-01	1.70E-01	1.72E-01	1.72E-01	1.78E-04	1.83E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Tooele	49045	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
Utah	Tooele	49045	U	Polycyclic Organic Matter	6.36E-04	6.36E-04	6.44E-03	1.94E-02	1.86E-02	2.46E-02	3.99E-02	3.99E-02	9.15E-05	1.84E-02	7.48E-05	2.35E-05	0.00E+00
Utah	Tooele	49045	U	7-PAH	8.41E-05	8.41E-05	4.96E-04	1.65E-03	1.91E-03	3.02E-03	4.82E-03	4.82E-03	1.16E-09	1.87E-03	3.32E-05	1.08E-05	0.00E+00
Utah	Tooele	49045	U	Propylene Dichloride	2.36E-07	2.36E-07	6.93E-06	7.62E-06	6.81E-06	8.66E-06	8.67E-06	8.67E-06	4.66E-06	2.15E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Quinoline	7.56E-09	7.56E-09	3.95E-08	1.23E-07	1.05E-07	1.44E-07	2.49E-07	2.49E-07	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	1,1,2,2-Tetrachloroethane	2.42E-06	2.42E-06	4.64E-05	6.01E-05	5.12E-05	6.42E-05	6.57E-05	6.57E-05	4.27E-05	8.53E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele	49045	U	Trichloroethylene	8.12E-02	8.12E-02	8.45E-02	8.56E-02	8.52E-02	8.67E-02	8.76E-02	8.76E-02	8.41E-05	4.15E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Tooele	49045	U	Vinyl Chloride	6.19E-06	6.19E-06	1.23E-04	1.53E-04	1.30E-04	1.63E-04	1.67E-04	1.67E-04	1.05E-04	2.50E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Acetaldehyde	6.56E-02	6.56E-02	6.87E-02	7.45E-02	1.14E-01	1.78E-01	1.81E-01	1.81E-01	1.71E-06	2.37E-02	6.16E-02	2.83E-02	0.00E+00
Utah	Uintah	49047	R	Acrolein	1.46E-02	1.46E-02	1.64E-02	1.67E-02	2.18E-02	3.02E-02	3.12E-02	3.12E-02	8.72E-07	1.00E-02	7.45E-03	4.32E-03	0.00E+00
Utah	Uintah	49047	R	Acrylonitrile	2.56E-06	2.56E-06	4.03E-06	4.03E-06	3.84E-06	4.30E-06	4.30E-06	4.30E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Arsenic Compounds	1.13E-06	1.13E-06	3.42E-06	6.75E-06	7.02E-06	1.18E-05	1.20E-05	1.20E-05	1.69E-06	5.25E-06	8.41E-08	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Benzene	5.91E-01	5.91E-01	5.99E-01	6.03E-01	7.66E-01	1.02E+00	1.02E+00	1.02E+00	5.74E-06	1.61E-01	1.13E-01	1.16E-02	4.80E-01
Utah	Uintah	49047	R	Beryllium Compounds	4.91E-07	4.91E-07	9.60E-07	1.06E-06	2.28E-06	4.43E-06	4.45E-06	4.45E-06	8.88E-08	2.19E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	1,3-Butadiene	7.81E-03	7.81E-03	9.85E-03	9.99E-03	1.52E-02	2.37E-02	2.45E-02	2.45E-02	0.00E+00	3.41E-03	1.06E-02	1.15E-03	0.00E+00
Utah	Uintah	49047	R	Cadmium Compounds	7.09E-07	7.09E-07	1.44E-06	1.78E-06	3.10E-06	5.78E-06	5.82E-06	5.82E-06	2.17E-07	2.89E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	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	1.20E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Uintah	49047	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	9.66E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Uintah	49047	R	Chromium Compounds	6.48E-06	6.48E-06	9.24E-06	1.07E-05	2.66E-05	5.33E-05	5.35E-05	5.35E-05	1.09E-06	4.77E-06	5.66E-06	1.51E-05	0.00E+00
Utah	Uintah	49047	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
Utah	Uintah	49047	R	1,3-Dichloropropene	1.78E-03	1.78E-03	2.78E-03	2.97E-03	6.77E-03	1.32E-02	1.32E-02	1.32E-02	0.00E+00	6.77E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Diesel Particulate Matter	1.61E-01	1.61E-01	1.69E-01	1.76E-01	2.43E-01	3.54E-01	3.54E-01	3.54E-01	0.00E+00	0.00E+00	8.79E-02	1.55E-01	***
Utah	Uintah	49047	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Uintah	49047	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.77E-07	6.15E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Uintah	49047	R	Ethylene Oxide	1.29E-05	1.29E-05	1.52E-05	2.36E-05	1.50E-04	3.50E-04	3.50E-04	3.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Formaldehyde	3.43E-01	3.43E-01	3.59E-01	3.64E-01	5.15E-01	7.51E-01	7.58E-01	7.58E-01	1.15E-06	1.47E-01	6.53E-02	5.24E-02	2.50E-01
Utah	Uintah	49047	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Uintah	49047	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Lead Compounds	1.65E-05	1.65E-05	3.61E-05	6.84E-05	2.46E-04	3.13E-04	7.98E-04	7.98E-04	1.77E-06	5.28E-05	7.95E-06	1.84E-04	0.00E+00
Utah	Uintah	49047	R	Manganese Compounds	4.62E-05	4.62E-05	8.29E-05	8.56E-05	1.90E-04	3.67E-04	3.67E-04	3.67E-04	2.04E-06	1.70E-04	2.29E-06	1.54E-05	0.00E+00
Utah	Uintah	49047	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	3.38E-07	8.43E-06	7.65E-08	4.36E-06	1.50E-03
Utah	Uintah	49047	R	Methylene Chloride	1.52E-01	1.52E-01	1.54E-01	1.55E-01	1.75E-01	2.06E-01	2.06E-01	2.06E-01	1.13E-06	2.46E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Uintah	49047	R	Nickel Compounds	5.85E-06	5.85E-06	1.40E-05	1.41E-05	5.51E-05	1.21E-04	1.21E-04	1.21E-04	1.15E-06	4.31E-05	4.35E-06	6.49E-06	0.00E+00
Utah	Uintah	49047	R	Perchloroethylene	1.41E-01	1.41E-01	1.43E-01	1.43E-01	1.52E-01	1.65E-01	1.65E-01	1.65E-01	1.68E-07	1.16E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Uintah	49047	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
Utah	Uintah	49047	R	Polycyclic Organic Matter	2.71E-03	2.71E-03	3.04E-03	3.10E-03	1.08E-02	2.25E-02	2.25E-02	2.25E-02	8.65E-08	1.07E-02	4.03E-05	5.73E-06	0.00E+00
Utah	Uintah	49047	R	7-PAH	1.52E-04	1.52E-04	2.32E-04	2.34E-04	2.50E-04	3.15E-04	3.15E-04	3.15E-04	1.73E-09	2.30E-04	1.79E-05	1.49E-06	0.00E+00
Utah	Uintah	49047	R	Propylene Dichloride	7.63E-08	7.63E-08	1.20E-07	1.20E-07	1.15E-07	1.28E-07	1.28E-07	1.28E-07	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	1,1,2,2-Tetrachloroethane	1.16E-08	1.16E-08	1.82E-08	1.83E-08	1.74E-08	1.95E-08	1.95E-08	1.95E-08	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah	49047	R	Trichloroethylene	8.12E-02	8.12E-02	8.17E-02	8.19E-02	8.64E-02	9.36E-02	9.36E-02	9.36E-02	0.00E+00	5.39E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Uintah	49047	R	Vinyl Chloride	4.44E-08	4.44E-08	6.99E-08	7.01E-08	6.68E-08	7.47E-08	7.47E-08	7.47E-08	0.00E+00	6.68E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	Acetaldehyde	1.10E-01	1.73E-01	2.16E-01	3.46E-01	3.73E-01	4.92E-01	5.79E-01	8.33E-01	1.26E-06	4.64E-02	2.39E-01	8.80E-02	0.00E+00
Utah	Utah	49049	U	Acrolein	3.25E-02	3.69E-02	5.18E-02	6.70E-02	8.08E-02	9.56E-02	1.35E-01	1.73E-01	1.14E-06	4.10E-02	2.58E-02	1.40E-02	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Utah	49049	U	Acrylonitrile	1.60E-05	2.60E-05	6.30E-05	1.61E-04	3.28E-04	5.82E-04	6.11E-04	6.27E-04	1.87E-05	3.09E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	Arsenic Compounds	5.64E-07	3.13E-06	1.34E-05	2.57E-05	2.84E-05	3.75E-05	5.29E-05	5.84E-05	3.38E-06	2.48E-05	2.60E-07	0.00E+00	0.00E+00
Utah	Utah	49049	U	Benzene	5.91E-01	8.42E-01	1.13E+00	1.69E+00	2.00E+00	2.48E+00	3.41E+00	3.60E+00	9.00E-02	5.93E-01	5.46E-01	2.89E-01	4.80E-01
Utah	Utah	49049	U	Beryllium Compounds	8.02E-08	1.27E-07	1.24E-06	2.45E-06	3.64E-06	5.13E-06	7.67E-06	1.03E-05	2.61E-08	3.62E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	1,3-Butadiene	1.76E-02	3.61E-02	5.35E-02	7.45E-02	9.27E-02	1.21E-01	1.80E-01	1.97E-01	7.56E-08	1.84E-02	5.69E-02	1.74E-02	0.00E+00
Utah	Utah	49049	U	Cadmium Compounds	9.27E-07	1.76E-06	7.11E-06	1.20E-05	1.30E-05	1.71E-05	2.12E-05	2.70E-05	3.76E-07	1.26E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	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	3.43E-08	1.46E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Utah	49049	U	Chloroform	8.30E-02	8.32E-02	8.34E-02	8.36E-02	8.41E-02	8.49E-02	8.51E-02	8.53E-02	2.00E-07	1.11E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Utah	49049	U	Chromium Compounds	1.98E-05	7.68E-05	3.13E-04	1.25E-03	1.33E-03	1.83E-03	2.57E-03	3.37E-03	3.80E-04	9.01E-04	1.67E-05	3.00E-05	0.00E+00
Utah	Utah	49049	U	Coke Oven Emissions	3.58E-04	6.45E-04	4.33E-03	1.16E-02	5.37E-02	3.79E-02	6.69E-02	3.33E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	1,3-Dichloropropene	1.04E-03	1.34E-03	2.25E-02	5.96E-02	5.74E-02	7.67E-02	9.95E-02	1.24E-01	0.00E+00	5.74E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	Diesel Particulate Matter	2.87E-01	3.21E-01	4.45E-01	7.38E-01	8.53E-01	1.08E+00	1.65E+00	2.03E+00	0.00E+00	0.00E+00	2.46E-01	6.07E-01	***
Utah	Utah	49049	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.05E-08	2.76E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Utah	49049	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.13E-02	6.13E-02	6.16E-02	6.17E-02	2.31E-06	2.56E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Utah	49049	U	Ethylene Oxide	3.54E-05	4.39E-05	3.58E-04	7.99E-04	1.14E-03	1.30E-03	2.44E-03	3.11E-03	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	Formaldehyde	4.54E-01	4.86E-01	6.07E-01	7.55E-01	8.34E-01	9.75E-01	1.26E+00	1.49E+00	2.63E-05	1.91E-01	2.53E-01	1.39E-01	2.50E-01
Utah	Utah	49049	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	1.03E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Utah	49049	U	Hydrazine	1.07E-10	1.37E-10	1.88E-09	1.81E-08	5.40E-08	4.73E-08	1.67E-07	1.98E-07	0.00E+00	5.40E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	Lead Compounds	8.97E-06	3.28E-05	1.15E-04	2.45E-04	3.15E-04	4.75E-04	6.27E-04	7.06E-04	1.74E-05	2.28E-04	2.35E-05	4.56E-05	0.00E+00
Utah	Utah	49049	U	Manganese Compounds	4.53E-05	1.13E-04	1.88E-03	3.35E-03	4.44E-03	4.60E-03	1.03E-02	1.23E-02	4.26E-04	3.98E-03	6.90E-06	3.50E-05	0.00E+00
Utah	Utah	49049	U	Mercury Compounds	1.50E-03	1.51E-03	1.53E-03	1.56E-03	1.58E-03	1.63E-03	1.65E-03	1.66E-03	1.25E-07	6.97E-05	2.26E-07	8.36E-06	1.50E-03
Utah	Utah	49049	U	Methylene Chloride	1.52E-01	1.53E-01	1.94E-01	2.44E-01	2.72E-01	3.11E-01	4.07E-01	4.60E-01	9.44E-04	1.21E-01	0.00E+00	0.00E+00	1.50E-01
Utah	Utah	49049	U	Nickel Compounds	8.78E-06	3.11E-05	2.92E-04	6.52E-04	8.68E-04	1.04E-03	1.74E-03	2.17E-03	1.92E-04	6.48E-04	1.29E-05	1.55E-05	0.00E+00
Utah	Utah	49049	U	Perchloroethylene	1.41E-01	1.42E-01	1.63E-01	1.91E-01	1.97E-01	2.13E-01	2.57E-01	2.62E-01	4.65E-05	5.70E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Utah	49049	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
Utah	Utah	49049	U	Polycyclic Organic Matter	3.90E-03	7.72E-03	1.96E-02	4.53E-02	5.99E-02	6.93E-02	1.23E-01	1.48E-01	2.57E-05	5.97E-02	1.18E-04	1.03E-04	0.00E+00
Utah	Utah	49049	U	7-PAH	3.33E-04	4.10E-04	5.44E-04	7.07E-04	1.15E-03	1.54E-03	2.19E-03	2.43E-03	4.77E-10	1.04E-03	5.23E-05	5.22E-05	0.00E+00
Utah	Utah	49049	U	Propylene Dichloride	9.43E-07	1.68E-06	4.26E-06	1.67E-05	1.96E-05	3.33E-05	3.77E-05	4.02E-05	1.13E-06	1.85E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	Quinoline	2.44E-09	2.74E-09	1.58E-08	6.75E-08	1.88E-07	1.69E-07	4.91E-07	7.19E-07	2.42E-08	1.63E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	1,1,2,2-Tetrachloroethane	8.00E-06	1.18E-05	2.89E-05	7.91E-05	1.54E-04	2.76E-04	2.83E-04	2.86E-04	1.04E-05	1.44E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Utah	49049	U	Trichloroethylene	8.13E-02	8.14E-02	8.60E-02	9.44E-02	1.02E-01	1.09E-01	1.30E-01	1.46E-01	2.19E-05	2.12E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Utah	49049	U	Vinyl Chloride	1.98E-05	3.07E-05	7.42E-05	1.97E-04	3.84E-04	6.83E-04	7.10E-04	7.26E-04	2.56E-05	3.59E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Acetaldehyde	7.75E-02	1.14E-01	1.17E-01	1.33E-01	2.59E-01	1.82E-01	3.00E-01	1.38E+00	2.60E-07	2.20E-01	3.06E-02	8.29E-03	0.00E+00
Utah	Wasatch	49051	R	Acrolein	6.46E-03	1.33E-02	1.34E-02	3.26E-02	1.87E-01	1.69E-01	2.60E-01	1.40E+00	3.84E-07	1.82E-01	3.76E-03	1.02E-03	0.00E+00
Utah	Wasatch	49051	R	Acrylonitrile	5.02E-06	8.59E-06	1.52E-05	1.72E-05	2.02E-05	2.49E-05	2.55E-05	4.80E-05	1.24E-05	7.77E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Arsenic Compounds	7.78E-08	4.86E-07	5.57E-07	4.16E-06	3.30E-06	5.27E-06	5.52E-06	6.00E-06	1.40E-08	3.25E-06	3.40E-08	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Benzene	5.17E-01	5.74E-01	5.77E-01	6.04E-01	9.88E-01	9.14E-01	1.14E+00	4.06E+00	4.42E-04	4.56E-01	4.31E-02	8.71E-03	4.80E-01
Utah	Wasatch	49051	R	Beryllium Compounds	2.11E-08	1.21E-07	1.24E-07	2.79E-07	5.81E-07	1.31E-06	1.33E-06	1.58E-06	8.09E-10	5.80E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	1,3-Butadiene	3.36E-03	9.25E-03	1.11E-02	1.38E-02	1.55E-01	1.36E-01	2.09E-01	1.22E+00	4.64E-08	1.51E-01	3.15E-03	4.22E-04	0.00E+00
Utah	Wasatch	49051	R	Cadmium Compounds	1.51E-07	5.55E-07	8.79E-07	1.17E-06	1.54E-06	2.41E-06	2.45E-06	3.85E-06	1.79E-08	1.52E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.28E-08	7.55E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Wasatch	49051	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	1.33E-07	5.50E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Wasatch	49051	R	Chromium Compounds	2.21E-06	1.86E-05	1.97E-05	4.96E-04	3.12E-04	5.46E-04	5.63E-04	6.90E-04	2.93E-04	1.49E-05	2.20E-06	2.47E-06	0.00E+00
Utah	Wasatch	49051	R	Coke Oven Emissions	0.00E+00	1.81E-04	2.53E-04	4.45E-04	4.23E-04	5.55E-04	6.95E-04	8.76E-04	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	1,3-Dichloropropene	8.56E-05	9.69E-04	1.02E-03	1.53E-03	2.56E-03	5.19E-03	5.22E-03	5.76E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Diesel Particulate Matter	2.65E-01	2.73E-01	2.74E-01	2.82E-01	3.02E-01	3.38E-01	3.39E-01	3.50E-01	0.00E+00	0.00E+00	7.63E-02	2.26E-01	***
Utah	Wasatch	49051	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.95E-09	4.99E-09	0.00E+00	0.00E+00	7.70E-03
Utah	Wasatch	49051	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.50E-06	1.46E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Wasatch	49051	R	Ethylene Oxide	2.81E-06	2.99E-05	3.41E-05	5.08E-05	5.91E-05	7.40E-05	9.87E-05	1.47E-04	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Formaldehyde	3.32E-01	3.65E-01	3.77E-01	4.15E-01	1.35E+00	1.21E+00	1.73E+00	8.43E+00	7.36E-06	1.06E+00	2.85E-02	1.19E-02	2.50E-01
Utah	Wasatch	49051	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.34E-05	9.35E-05	0.00E+00	1.25E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Wasatch	49051	R	Hydrazine	2.03E-13	6.82E-11	6.91E-11	1.06E-10	1.07E-10	1.37E-10	1.85E-10	1.93E-10	0.00E+00	1.07E-10	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Wasatch	49051	R	Lead Compounds	3.90E-06	5.83E-06	8.47E-06	1.18E-05	1.84E-05	3.05E-05	3.18E-05	4.14E-05	4.68E-08	1.53E-05	3.05E-06	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Manganese Compounds	3.17E-06	4.27E-05	4.45E-05	5.90E-04	4.05E-04	7.21E-04	7.48E-04	8.94E-04	3.27E-04	7.45E-05	8.82E-07	2.71E-06	0.00E+00
Utah	Wasatch	49051	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	8.36E-09	3.94E-06	2.97E-08	7.12E-07	1.50E-03
Utah	Wasatch	49051	R	Methylene Chloride	1.50E-01	1.52E-01	1.52E-01	1.53E-01	1.56E-01	1.60E-01	1.62E-01	1.71E-01	1.82E-04	6.09E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Wasatch	49051	R	Nickel Compounds	1.57E-06	7.40E-06	8.19E-06	2.46E-04	1.63E-04	2.97E-04	2.98E-04	3.69E-04	1.47E-04	1.33E-05	1.70E-06	1.14E-06	0.00E+00
Utah	Wasatch	49051	R	Perchloroethylene	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.46E-01	1.47E-01	1.47E-01	2.76E-05	3.33E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Wasatch	49051	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
Utah	Wasatch	49051	R	Polycyclic Organic Matter	5.76E-04	2.45E-03	2.69E-03	4.88E-03	3.49E-02	3.12E-02	4.78E-02	2.67E-01	1.01E-05	3.49E-02	1.58E-05	3.56E-06	0.00E+00
Utah	Wasatch	49051	R	7-PAH	9.37E-05	1.64E-04	1.65E-04	7.29E-04	5.96E-03	5.40E-03	8.31E-03	4.68E-02	7.10E-12	5.95E-03	7.00E-06	1.77E-06	0.00E+00
Utah	Wasatch	49051	R	Propylene Dichloride	1.73E-07	5.09E-07	8.92E-07	1.01E-06	1.17E-06	1.44E-06	1.47E-06	2.80E-06	7.53E-07	4.17E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Quinoline	8.56E-12	1.70E-09	1.74E-09	2.06E-09	2.28E-09	2.63E-09	3.36E-09	5.02E-09	0.00E+00	2.28E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	1,1,2,2-Tetrachloroethane	4.46E-07	4.26E-06	7.59E-06	8.61E-06	9.87E-06	1.23E-05	1.26E-05	2.39E-05	6.90E-06	2.97E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch	49051	R	Trichloroethylene	8.10E-02	8.13E-02	8.13E-02	8.14E-02	8.22E-02	8.28E-02	8.31E-02	8.64E-02	1.34E-05	1.19E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Wasatch	49051	R	Vinyl Chloride	1.13E-06	1.06E-05	1.88E-05	2.13E-05	2.44E-05	3.05E-05	3.12E-05	5.92E-05	1.70E-05	7.46E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	Acetaldehyde	4.69E-02	5.47E-02	6.27E-02	1.02E-01	1.29E-01	1.79E-01	2.49E-01	3.17E-01	0.00E+00	1.64E-02	7.55E-02	3.74E-02	0.00E+00
Utah	Washington	49053	U	Acrolein	1.79E-02	2.01E-02	2.24E-02	2.93E-02	3.71E-02	4.79E-02	6.66E-02	7.89E-02	0.00E+00	1.73E-02	9.43E-03	1.04E-02	0.00E+00
Utah	Washington	49053	U	Acrylonitrile	3.91E-05	3.95E-05	4.20E-05	4.78E-05	5.16E-05	6.12E-05	7.23E-05	7.65E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	Arsenic Compounds	5.00E-07	1.24E-06	2.00E-06	8.97E-06	2.18E-05	2.15E-05	7.47E-05	1.17E-04	0.00E+00	2.15E-05	3.34E-07	0.00E+00	0.00E+00
Utah	Washington	49053	U	Benzene	5.85E-01	6.35E-01	6.86E-01	8.25E-01	1.50E+00	1.21E+00	4.16E+00	6.63E+00	0.00E+00	6.39E-01	1.52E-01	2.26E-01	4.80E-01
Utah	Washington	49053	U	Beryllium Compounds	1.91E-07	4.99E-07	8.18E-07	3.93E-06	8.93E-06	9.33E-06	2.97E-05	4.58E-05	0.00E+00	8.93E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	1,3-Butadiene	7.96E-03	9.92E-03	1.45E-02	2.51E-02	4.32E-02	5.34E-02	1.16E-01	1.63E-01	0.00E+00	5.48E-03	1.55E-02	2.22E-02	0.00E+00
Utah	Washington	49053	U	Cadmium Compounds	1.10E-06	1.26E-06	1.43E-06	5.23E-06	1.17E-05	1.19E-05	3.81E-05	5.90E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	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	2.14E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Washington	49053	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	8.36E-02	8.38E-02	0.00E+00	2.56E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Washington	49053	U	Chromium Compounds	1.03E-05	1.21E-05	1.40E-05	2.71E-05	4.85E-05	5.29E-05	1.34E-04	1.93E-04	0.00E+00	1.96E-05	2.34E-05	5.52E-06	0.00E+00
Utah	Washington	49053	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
Utah	Washington	49053	U	1,3-Dichloropropene	6.59E-04	1.74E-03	2.85E-03	1.34E-02	2.79E-02	3.11E-02	8.80E-02	1.29E-01	0.00E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	Diesel Particulate Matter	2.02E-01	2.02E-01	2.19E-01	2.65E-01	4.11E-01	3.45E-01	1.03E+00	1.57E+00	0.00E+00	0.00E+00	9.38E-02	3.17E-01	***
Utah	Washington	49053	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	2.51E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Washington	49053	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.11E-02	6.22E-02	6.31E-02	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Washington	49053	U	Ethylene Oxide	8.77E-06	2.06E-05	3.27E-05	7.25E-05	5.11E-04	2.53E-04	2.24E-03	4.01E-03	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	Formaldehyde	3.44E-01	3.55E-01	3.66E-01	4.00E-01	4.67E-01	5.38E-01	6.75E-01	8.12E-01	0.00E+00	7.05E-02	8.33E-02	6.34E-02	2.50E-01
Utah	Washington	49053	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	0.00E+00	1.06E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Washington	49053	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-12	0.00E+00	4.44E-11	4.44E-11	0.00E+00	8.88E-12	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	Lead Compounds	1.76E-05	2.68E-05	3.75E-05	3.11E-04	7.58E-04	1.54E-03	2.38E-03	2.82E-03	0.00E+00	1.20E-04	3.31E-05	6.05E-04	0.00E+00
Utah	Washington	49053	U	Manganese Compounds	2.42E-05	4.93E-05	7.51E-05	3.46E-04	6.89E-04	7.97E-04	2.13E-03	3.13E-03	0.00E+00	6.71E-04	9.59E-06	7.58E-06	0.00E+00
Utah	Washington	49053	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.52E-03	1.57E-03	1.61E-03	0.00E+00	2.36E-05	3.08E-07	1.37E-06	1.50E-03
Utah	Washington	49053	U	Methylene Chloride	1.51E-01	1.53E-01	1.55E-01	1.67E-01	2.26E-01	1.94E-01	4.61E-01	6.86E-01	0.00E+00	7.56E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Washington	49053	U	Nickel Compounds	6.65E-06	1.29E-05	1.93E-05	4.19E-05	1.96E-04	1.07E-04	8.08E-04	1.41E-03	0.00E+00	1.74E-04	1.80E-05	3.72E-06	0.00E+00
Utah	Washington	49053	U	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.47E-01	1.65E-01	1.56E-01	2.38E-01	3.06E-01	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Washington	49053	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
Utah	Washington	49053	U	Polycyclic Organic Matter	2.03E-03	3.61E-03	5.20E-03	1.08E-02	5.10E-02	3.01E-02	2.09E-01	3.64E-01	0.00E+00	5.07E-02	1.65E-04	1.06E-04	0.00E+00
Utah	Washington	49053	U	7-PAH	2.98E-04	3.13E-04	3.58E-04	3.96E-04	4.99E-04	6.48E-04	8.34E-04	9.90E-04	0.00E+00	3.75E-04	7.31E-05	5.13E-05	0.00E+00
Utah	Washington	49053	U	Propylene Dichloride	2.21E-06	2.24E-06	2.39E-06	2.71E-06	2.91E-06	3.46E-06	4.06E-06	4.27E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-11	0.00E+00	2.87E-10	2.87E-10	0.00E+00	5.73E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	1,1,2,2-Tetrachloroethane	1.89E-05	1.91E-05	2.04E-05	2.31E-05	2.49E-05	2.96E-05	3.44E-05	3.59E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Washington	49053	U	Trichloroethylene	8.12E-02	8.14E-02	8.17E-02	8.32E-02	9.63E-02	8.72E-02	1.49E-01	2.02E-01	0.00E+00	1.53E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Washington	49053	U	Vinyl Chloride	4.66E-05	4.71E-05	5.05E-05	5.70E-05	6.13E-05	7.30E-05	8.48E-05	8.85E-05	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Acetaldehyde	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	0.00E+00	2.95E-03	8.70E-03	8.79E-04	0.00E+00
Utah	Wayne	49055	R	Acrolein	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	0.00E+00	2.43E-03	1.12E-03	8.18E-05	0.00E+00
Utah	Wayne	49055	R	Acrylonitrile	3.80E-07	3.80E-07	3.80E-07	3.80E-07	3.80E-07	3.80E-07	3.80E-07	3.80E-07	0.00E+00	3.80E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Arsenic Compounds	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	0.00E+00	1.55E-07	5.20E-09	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Wayne	49055	R	Benzene	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	0.00E+00	4.18E-03	1.21E-02	8.10E-04	4.80E-01
Utah	Wayne	49055	R	Beryllium Compounds	6.74E-08	6.74E-08	6.74E-08	6.74E-08	6.74E-08	6.74E-08	6.74E-08	6.74E-08	0.00E+00	6.74E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	1,3-Butadiene	1.44E-03	1.44E-03	1.44E-03	1.44E-03	1.44E-03	1.44E-03	1.44E-03	1.44E-03	0.00E+00	5.44E-04	8.53E-04	4.83E-05	0.00E+00
Utah	Wayne	49055	R	Cadmium Compounds	8.59E-08	8.59E-08	8.59E-08	8.59E-08	8.59E-08	8.59E-08	8.59E-08	8.59E-08	0.00E+00	8.59E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	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	1.17E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Wayne	49055	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	7.69E-06	0.00E+00	0.00E+00	8.30E-02
Utah	Wayne	49055	R	Chromium Compounds	7.10E-07	7.10E-07	7.10E-07	7.10E-07	7.10E-07	7.10E-07	7.10E-07	7.10E-07	0.00E+00	1.53E-07	3.42E-07	2.15E-07	0.00E+00
Utah	Wayne	49055	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
Utah	Wayne	49055	R	1,3-Dichloropropene	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Diesel Particulate Matter	6.64E-02	6.64E-02	6.64E-02	6.64E-02	6.64E-02	6.64E-02	6.64E-02	6.64E-02	0.00E+00	0.00E+00	3.01E-02	3.63E-02	***
Utah	Wayne	49055	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Utah	Wayne	49055	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	9.05E-09	0.00E+00	0.00E+00	6.10E-02
Utah	Wayne	49055	R	Ethylene Oxide	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Formaldehyde	2.70E-01	2.70E-01	2.70E-01	2.70E-01	2.70E-01	2.70E-01	2.70E-01	2.70E-01	0.00E+00	1.05E-02	8.20E-03	9.96E-04	2.50E-01
Utah	Wayne	49055	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	1.57E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Wayne	49055	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Lead Compounds	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	0.00E+00	6.81E-07	4.69E-07	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Manganese Compounds	6.19E-06	6.19E-06	6.19E-06	6.19E-06	6.19E-06	6.19E-06	6.19E-06	6.19E-06	0.00E+00	5.82E-06	1.34E-07	2.39E-07	0.00E+00
Utah	Wayne	49055	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	1.18E-07	4.60E-09	6.26E-08	1.50E-03
Utah	Wayne	49055	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Wayne	49055	R	Nickel Compounds	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	0.00E+00	7.99E-07	2.65E-07	9.83E-08	0.00E+00
Utah	Wayne	49055	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Wayne	49055	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
Utah	Wayne	49055	R	Polycyclic Organic Matter	3.58E-04	3.58E-04	3.58E-04	3.58E-04	3.58E-04	3.58E-04	3.58E-04	3.58E-04	0.00E+00	3.55E-04	2.50E-06	3.30E-07	0.00E+00
Utah	Wayne	49055	R	7-PAH	5.66E-05	5.66E-05	5.66E-05	5.66E-05	5.66E-05	5.66E-05	5.66E-05	5.66E-05	0.00E+00	5.53E-05	1.11E-06	1.65E-07	0.00E+00
Utah	Wayne	49055	R	Propylene Dichloride	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	1,1,2,2-Tetrachloroethane	1.72E-09	1.72E-09	1.72E-09	1.72E-09	1.72E-09	1.72E-09	1.72E-09	1.72E-09	0.00E+00	1.72E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne	49055	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	7.05E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Wayne	49055	R	Vinyl Chloride	6.60E-09	6.60E-09	6.60E-09	6.60E-09	6.60E-09	6.60E-09	6.60E-09	6.60E-09	0.00E+00	6.60E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Acetaldehyde	2.67E-01	3.20E-01	3.46E-01	3.71E-01	3.76E-01	4.10E-01	4.52E-01	5.43E-01	1.69E-05	4.88E-02	2.35E-01	9.24E-02	0.00E+00
Utah	Weber	49057	U	Acrolein	3.33E-02	4.05E-02	4.29E-02	4.60E-02	4.72E-02	5.22E-02	6.02E-02	6.15E-02	9.76E-06	1.23E-02	2.52E-02	9.66E-03	0.00E+00
Utah	Weber	49057	U	Acrylonitrile	2.91E-04	3.10E-04	3.56E-04	4.34E-04	4.41E-04	5.11E-04	6.08E-04	6.51E-04	3.47E-04	9.42E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Arsenic Compounds	1.07E-05	1.77E-05	1.99E-05	2.64E-05	2.62E-05	3.04E-05	3.75E-05	4.42E-05	8.55E-06	1.73E-05	2.87E-07	0.00E+00	0.00E+00
Utah	Weber	49057	U	Benzene	8.24E-01	1.00E+00	1.15E+00	1.37E+00	1.37E+00	1.50E+00	1.81E+00	2.26E+00	5.19E-03	2.72E-01	5.29E-01	8.79E-02	4.80E-01
Utah	Weber	49057	U	Beryllium Compounds	1.31E-06	1.89E-06	2.11E-06	3.39E-06	3.55E-06	4.01E-06	6.65E-06	8.21E-06	4.33E-07	3.12E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	1,3-Butadiene	1.83E-02	3.43E-02	5.75E-02	6.69E-02	6.90E-02	8.18E-02	9.50E-02	1.40E-01	1.08E-06	3.71E-03	5.66E-02	8.67E-03	0.00E+00
Utah	Weber	49057	U	Cadmium Compounds	9.96E-06	1.56E-05	1.65E-05	1.88E-05	1.98E-05	2.19E-05	2.48E-05	3.09E-05	6.97E-06	1.28E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.14E-07	1.24E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Weber	49057	U	Chloroform	8.35E-02	8.37E-02	8.38E-02	8.39E-02	8.39E-02	8.40E-02	8.42E-02	8.43E-02	3.70E-06	9.11E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Weber	49057	U	Chromium Compounds	2.48E-04	2.70E-04	3.86E-04	4.68E-04	4.51E-04	5.12E-04	5.67E-04	7.44E-04	3.34E-05	3.72E-04	1.78E-05	2.84E-05	0.00E+00
Utah	Weber	49057	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
Utah	Weber	49057	U	1,3-Dichloropropene	1.15E-02	1.98E-02	2.90E-02	4.11E-02	4.21E-02	5.35E-02	6.40E-02	9.36E-02	0.00E+00	4.21E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Diesel Particulate Matter	6.02E-01	6.30E-01	7.84E-01	8.36E-01	8.63E-01	9.19E-01	1.08E+00	1.19E+00	0.00E+00	0.00E+00	2.80E-01	5.82E-01	***
Utah	Weber	49057	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.94E-07	8.38E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Weber	49057	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	4.26E-05	1.11E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Weber	49057	U	Ethylene Oxide	2.55E-04	3.16E-04	4.13E-04	7.44E-04	1.09E-03	1.27E-03	2.44E-03	4.10E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Formaldehyde	5.09E-01	5.95E-01	6.71E-01	7.01E-01	7.04E-01	7.31E-01	8.14E-01	9.38E-01	3.11E-04	7.15E-02	2.57E-01	1.26E-01	2.50E-01
Utah	Weber	49057	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	8.87E-09	0.00E+00	0.00E+00	9.30E-05
Utah	Weber	49057	U	Hydrazine	1.35E-09	1.94E-09	5.70E-09	1.90E-08	1.71E-08	2.11E-08	2.56E-08	4.09E-08	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Lead Compounds	1.13E-04	1.94E-04	2.45E-04	6.81E-04	5.91E-04	7.79E-04	9.43E-04	1.13E-03	3.20E-05	2.13E-04	2.50E-05	3.21E-04	0.00E+00
Utah	Weber	49057	U	Manganese Compounds	6.38E-04	8.63E-04	1.09E-03	1.34E-03	1.37E-03	1.60E-03	1.94E-03	2.68E-03	3.49E-05	1.30E-03	7.41E-06	3.28E-05	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
Utah	Weber	49057	U	Mercury Compounds	1.56E-03	1.57E-03	1.59E-03	1.60E-03	1.60E-03	1.61E-03	1.64E-03	1.64E-03	1.83E-05	7.53E-05	2.40E-07	7.84E-06	1.50E-03
Utah	Weber	49057	U	Methylene Chloride	1.73E-01	1.89E-01	2.05E-01	2.30E-01	2.31E-01	2.42E-01	2.96E-01	3.25E-01	1.28E-03	7.99E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Weber	49057	U	Nickel Compounds	2.67E-04	2.92E-04	3.54E-04	4.28E-04	4.35E-04	4.95E-04	6.68E-04	7.13E-04	7.52E-05	3.31E-04	1.39E-05	1.48E-05	0.00E+00
Utah	Weber	49057	U	Perchloroethylene	1.54E-01	1.60E-01	1.71E-01	1.81E-01	1.82E-01	1.91E-01	2.00E-01	2.32E-01	7.21E-04	4.11E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Weber	49057	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
Utah	Weber	49057	U	Polycyclic Organic Matter	8.80E-03	1.32E-02	1.90E-02	2.95E-02	3.11E-02	3.56E-02	6.42E-02	8.28E-02	3.80E-04	3.06E-02	1.25E-04	3.43E-05	0.00E+00
Utah	Weber	49057	U	7-PAH	2.03E-04	2.15E-04	2.45E-04	3.21E-04	3.55E-04	4.42E-04	7.29E-04	7.29E-04	1.43E-07	2.84E-04	5.57E-05	1.52E-05	0.00E+00
Utah	Weber	49057	U	Propylene Dichloride	1.74E-05	1.90E-05	2.14E-05	2.60E-05	2.66E-05	3.08E-05	3.73E-05	3.95E-05	2.10E-05	5.64E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Quinoline	1.13E-08	1.76E-08	2.88E-08	6.57E-08	5.92E-08	7.20E-08	8.26E-08	1.23E-07	0.00E+00	5.92E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	1,1,2,2-Tetrachloroethane	1.52E-04	1.62E-04	1.81E-04	2.23E-04	2.28E-04	2.65E-04	3.17E-04	3.42E-04	1.92E-04	3.58E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Weber	49057	U	Trichloroethylene	8.43E-02	8.72E-02	8.98E-02	9.22E-02	9.43E-02	9.64E-02	1.09E-01	1.15E-01	3.85E-04	1.30E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Weber	49057	U	Vinyl Chloride	3.99E-04	4.27E-04	5.67E-04	6.92E-04	6.93E-04	8.42E-04	9.86E-04	1.08E-03	4.74E-04	2.19E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Acetaldehyde	5.96E-02	9.84E-02	2.26E-01	5.62E-01	8.02E-01	1.05E+00	1.68E+00	2.26E+00	6.83E-03	7.45E-02	4.38E-01	2.83E-01	0.00E+00
National	Nationwide	N/A	N/A	Acrolein	1.36E-02	2.35E-02	4.48E-02	8.45E-02	1.19E-01	1.43E-01	2.42E-01	3.56E-01	3.48E-03	2.52E-02	4.93E-02	4.13E-02	0.00E+00
National	Nationwide	N/A	N/A	Acrylonitrile	2.70E-05	5.84E-05	2.04E-04	7.85E-04	5.04E-03	2.76E-03	7.94E-03	1.73E-02	4.21E-03	8.33E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Arsenic Compounds	2.23E-06	6.05E-06	2.25E-05	6.21E-05	1.46E-04	1.37E-04	2.52E-04	4.00E-04	5.00E-05	8.75E-05	6.47E-07	7.65E-06	0.00E+00
National	Nationwide	N/A	N/A	Benzene	5.62E-01	6.10E-01	7.87E-01	1.21E+00	1.39E+00	1.78E+00	2.37E+00	2.84E+00	3.70E-02	8.72E-02	5.54E-01	2.34E-01	4.80E-01
National	Nationwide	N/A	N/A	Beryllium Compounds	3.14E-07	7.40E-07	3.13E-06	1.08E-05	3.11E-05	2.16E-05	3.93E-05	6.10E-05	2.43E-06	2.86E-05	0.00E+00	6.69E-08	0.00E+00
National	Nationwide	N/A	N/A	1,3-Butadiene	5.92E-03	9.52E-03	2.25E-02	5.39E-02	7.18E-02	9.38E-02	1.46E-01	1.89E-01	1.43E-03	9.24E-03	4.63E-02	1.48E-02	0.00E+00
National	Nationwide	N/A	N/A	Cadmium Compounds	1.37E-06	3.29E-06	1.39E-05	5.13E-05	2.12E-04	1.74E-04	5.01E-04	7.83E-04	2.51E-05	1.86E-04	0.00E+00	9.34E-07	0.00E+00
National	Nationwide	N/A	N/A	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	5.42E-04	6.63E-04	0.00E+00	0.00E+00	8.80E-01
National	Nationwide	N/A	N/A	Chloroform	8.31E-02	8.32E-02	8.35E-02	8.47E-02	8.94E-02	8.73E-02	9.61E-02	1.06E-01	2.73E-03	3.69E-03	0.00E+00	0.00E+00	8.30E-02
National	Nationwide	N/A	N/A	Chromium Compounds	1.70E-05	3.97E-05	1.68E-04	7.95E-04	2.33E-03	2.65E-03	5.56E-03	8.43E-03	3.51E-04	1.79E-03	4.22E-05	1.39E-04	0.00E+00
National	Nationwide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	7.38E-04	4.79E-03	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,3-Dichloropropene	2.53E-03	5.17E-03	2.01E-02	6.45E-02	9.53E-02	1.19E-01	2.24E-01	3.33E-01	3.13E-06	9.53E-02	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Diesel Particulate Matter	3.28E-01	4.86E-01	8.49E-01	1.53E+00	2.06E+00	2.45E+00	3.66E+00	5.37E+00	0.00E+00	0.00E+00	6.30E-01	1.43E+00	***
National	Nationwide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.73E-03	7.70E-03	7.71E-03	7.72E-03	1.21E-05	2.09E-05	0.00E+00	0.00E+00	7.70E-03
National	Nationwide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.32E-02	6.15E-02	6.29E-02	6.71E-02	1.90E-03	2.75E-04	0.00E+00	0.00E+00	6.10E-02
National	Nationwide	N/A	N/A	Ethylene Oxide	2.82E-05	7.07E-05	3.53E-04	1.60E-03	4.14E-03	4.13E-03	8.47E-03	1.40E-02	4.64E-04	3.67E-03	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Formaldehyde	3.45E-01	4.05E-01	5.61E-01	8.90E-01	1.25E+00	1.44E+00	2.24E+00	3.15E+00	1.15E-02	1.38E-01	3.76E-01	4.77E-01	2.50E-01
National	Nationwide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.34E-05	9.31E-05	9.34E-05	9.42E-05	7.55E-08	3.48E-07	0.00E+00	0.00E+00	9.30E-05
National	Nationwide	N/A	N/A	Hydrazine	3.66E-11	2.90E-10	4.99E-09	4.40E-08	9.77E-06	3.01E-07	6.46E-06	2.18E-05	3.27E-06	6.50E-06	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Lead Compounds	3.67E-05	8.95E-05	3.98E-04	1.88E-03	5.99E-03	6.10E-03	1.54E-02	2.50E-02	4.93E-04	2.16E-03	5.88E-05	3.28E-03	0.00E+00
National	Nationwide	N/A	N/A	Manganese Compounds	5.71E-05	1.43E-04	5.63E-04	1.46E-03	3.13E-03	3.27E-03	6.54E-03	9.27E-03	9.06E-04	2.06E-03	1.72E-05	1.41E-04	0.00E+00
National	Nationwide	N/A	N/A	Mercury Compounds	1.51E-03	1.52E-03	1.56E-03	1.69E-03	2.06E-03	2.00E-03	2.67E-03	3.77E-03	6.17E-05	4.69E-04	5.60E-07	2.90E-05	1.50E-03
National	Nationwide	N/A	N/A	Methylene Chloride	1.56E-01	1.63E-01	2.09E-01	3.40E-01	4.70E-01	5.62E-01	9.22E-01	1.19E+00	6.20E-02	2.58E-01	0.00E+00	0.00E+00	1.50E-01
National	Nationwide	N/A	N/A	Nickel Compounds	2.43E-05	5.57E-05	2.47E-04	9.48E-04	2.22E-03	2.79E-03	5.29E-03	7.58E-03	3.39E-04	1.53E-03	3.28E-05	3.22E-04	0.00E+00
National	Nationwide	N/A	N/A	Perchloroethylene	1.42E-01	1.46E-01	1.66E-01	2.43E-01	3.23E-01	3.68E-01	5.98E-01	7.80E-01	2.30E-02	1.60E-01	0.00E+00	0.00E+00	1.40E-01
National	Nationwide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.80E-04	3.67E-09	1.09E-06	0.00E+00	0.00E+00	3.80E-04
National	Nationwide	N/A	N/A	Polycyclic Organic Matter	4.74E-03	8.13E-03	2.25E-02	5.79E-02	9.07E-02	1.10E-01	2.13E-01	3.06E-01	6.63E-03	8.37E-02	2.60E-04	9.44E-05	0.00E+00
National	Nationwide	N/A	N/A	7-PAH	2.91E-04	5.22E-04	1.11E-03	2.70E-03	4.36E-03	5.09E-03	1.02E-02	1.52E-02	2.17E-04	4.00E-03	1.18E-04	2.55E-05	0.00E+00
National	Nationwide	N/A	N/A	Propylene Dichloride	1.51E-06	3.50E-06	1.20E-05	4.16E-05	4.04E-04	1.34E-04	3.98E-04	8.71E-04	3.55E-04	4.90E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Quinoline	7.86E-10	4.86E-09	4.10E-08	2.53E-07	4.33E-05	1.05E-06	3.31E-06	5.44E-05	2.96E-05	1.36E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,1,2,2-Tetrachloroethane	9.99E-06	2.36E-05	8.38E-05	3.13E-04	1.71E-03	1.03E-03	3.05E-03	5.96E-03	1.37E-03	3.35E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Trichloroethylene	8.16E-02	8.26E-02	9.03E-02	1.18E-01	1.79E-01	1.85E-01	3.18E-01	4.60E-01	2.70E-02	7.12E-02	0.00E+00	0.00E+00	8.10E-02
National	Nationwide	N/A	N/A	Vinyl Chloride	2.96E-05	7.20E-05	2.62E-04	1.06E-03	5.66E-03	3.95E-03	1.14E-02	2.04E-02	4.37E-03	1.29E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Acetaldehyde	1.26E-01	2.01E-01	4.01E-01	7.43E-01	9.67E-01	1.19E+00	1.84E+00	2.59E+00	7.02E-03	8.33E-02	5.29E-01	3.48E-01	0.00E+00
National	All Urban Counties	N/A	U	Acrolein	2.27E-02	3.49E-02	6.21E-02	1.03E-01	1.39E-01	1.63E-01	2.67E-01	3.97E-01	4.21E-03	2.48E-02	5.93E-02	5.07E-02	0.00E+00
National	All Urban Counties	N/A	U	Acrylonitrile	7.60E-05	1.42E-04	4.09E-04	1.16E-03	6.16E-03	3.83E-03	1.01E-02	2.07E-02	5.16E-03	9.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Arsenic Compounds	7.67E-06	1.55E-05	3.74E-05	8.05E-05	1.69E-04	1.55E-04	2.77E-04	4.44E-04	5.69E-05	1.02E-04	7.70E-07	9.52E-06	0.00E+00
National	All Urban Counties	N/A	U	Benzene	6.48E-01	7.48E-01	1.00E+00	1.41E+00	1.57E+00	1.94E+00	2.52E+00	2.98E+00	4.57E-02	9.18E-02	6.67E-01	2.82E-01	4.80E-01
National	All Urban Counties	N/A	U	Beryllium Compounds	1.06E-06	2.35E-06	6.74E-06	1.39E-05	3.70E-05	2.48E-05	4.40E-05	6.75E-05	2.16E-06	3.48E-05	0.00E+00	8.34E-08	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																	
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
National	All Urban Counties	N/A	U	1,3-Butadiene	1.11E-02	1.76E-02	3.63E-02	6.65E-02	8.41E-02	1.06E-01	1.58E-01	2.03E-01	1.74E-03	8.68E-03	5.57E-02	1.79E-02	0.00E+00
National	All Urban Counties	N/A	U	Cadmium Compounds	4.93E-06	1.04E-05	2.70E-05	7.72E-05	2.49E-04	2.35E-04	5.80E-04	8.79E-04	2.81E-05	2.20E-04	0.00E+00	1.16E-06	0.00E+00
National	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	8.82E-01	8.84E-01	6.68E-04	8.12E-04	0.00E+00	0.00E+00	8.80E-01
National	All Urban Counties	N/A	U	Chloroform	8.33E-02	8.35E-02	8.40E-02	8.53E-02	9.08E-02	8.84E-02	9.91E-02	1.08E-01	3.20E-03	4.56E-03	0.00E+00	0.00E+00	8.30E-02
National	All Urban Counties	N/A	U	Chromium Compounds	5.60E-05	1.17E-04	3.65E-04	1.26E-03	2.77E-03	3.26E-03	6.29E-03	9.37E-03	4.05E-04	2.14E-03	5.02E-05	1.72E-04	0.00E+00
National	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	1.92E-03	6.37E-03	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,3-Dichloropropene	8.34E-03	1.65E-02	4.38E-02	8.18E-02	1.16E-01	1.41E-01	2.58E-01	3.71E-01	3.83E-06	1.16E-01	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Diesel Particulate Matter	5.13E-01	7.18E-01	1.17E+00	1.86E+00	2.41E+00	2.70E+00	4.09E+00	6.06E+00	0.00E+00	0.00E+00	7.25E-01	1.69E+00	***
National	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.74E-03	7.70E-03	7.71E-03	7.73E-03	1.50E-05	2.63E-05	0.00E+00	0.00E+00	7.70E-03
National	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.37E-02	6.17E-02	6.35E-02	6.95E-02	2.34E-03	3.37E-04	0.00E+00	0.00E+00	6.10E-02
National	All Urban Counties	N/A	U	Ethylene Oxide	1.20E-04	2.66E-04	8.55E-04	2.30E-03	5.02E-03	5.01E-03	9.87E-03	1.63E-02	5.26E-04	4.49E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Formaldehyde	4.21E-01	5.10E-01	7.18E-01	1.06E+00	1.44E+00	1.62E+00	2.46E+00	3.73E+00	1.28E-02	1.34E-01	4.54E-01	5.88E-01	2.50E-01
National	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.35E-05	9.31E-05	9.36E-05	9.46E-05	9.13E-08	4.16E-07	0.00E+00	0.00E+00	9.30E-05
National	All Urban Counties	N/A	U	Hydrazine	8.29E-10	3.00E-09	1.51E-08	7.86E-08	1.21E-05	5.18E-07	9.97E-06	2.74E-05	4.01E-06	8.13E-06	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Lead Compounds	1.38E-04	2.86E-04	9.04E-04	3.03E-03	7.30E-03	7.88E-03	1.79E-02	2.84E-02	5.61E-04	2.58E-03	7.00E-05	4.10E-03	0.00E+00
National	All Urban Counties	N/A	U	Manganese Compounds	1.77E-04	3.76E-04	9.10E-04	1.82E-03	3.45E-03	3.79E-03	7.09E-03	9.81E-03	9.40E-04	2.32E-03	2.05E-05	1.74E-04	0.00E+00
National	All Urban Counties	N/A	U	Mercury Compounds	1.52E-03	1.55E-03	1.61E-03	1.78E-03	2.19E-03	2.11E-03	2.95E-03	4.15E-03	6.99E-05	5.79E-04	6.65E-07	3.57E-05	1.50E-03
National	All Urban Counties	N/A	U	Methylene Chloride	1.73E-01	1.97E-01	2.69E-01	4.02E-01	5.34E-01	6.45E-01	1.00E+00	1.27E+00	7.21E-02	3.12E-01	0.00E+00	0.00E+00	1.50E-01
National	All Urban Counties	N/A	U	Nickel Compounds	8.55E-05	1.78E-04	5.15E-04	1.41E-03	2.66E-03	3.37E-03	5.84E-03	8.35E-03	3.98E-04	1.82E-03	3.90E-05	4.00E-04	0.00E+00
National	All Urban Counties	N/A	U	Perchloroethylene	1.51E-01	1.62E-01	2.03E-01	2.83E-01	3.65E-01	4.20E-01	6.57E-01	8.40E-01	2.84E-02	1.97E-01	0.00E+00	0.00E+00	1.40E-01
National	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.81E-04	3.74E-09	1.38E-06	0.00E+00	0.00E+00	3.80E-04
National	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.03E-02	1.78E-02	4.00E-02	7.15E-02	1.08E-01	1.30E-01	2.41E-01	3.33E-01	7.54E-03	9.97E-02	3.07E-04	1.13E-04	0.00E+00
National	All Urban Counties	N/A	U	7-PAH	4.71E-04	7.69E-04	1.70E-03	3.36E-03	5.13E-03	5.98E-03	1.17E-02	1.68E-02	2.72E-04	4.69E-03	1.39E-04	2.91E-05	0.00E+00
National	All Urban Counties	N/A	U	Propylene Dichloride	4.71E-06	8.70E-06	2.28E-05	6.25E-05	5.06E-04	1.89E-04	4.93E-04	1.09E-03	4.47E-04	5.85E-05	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Quinoline	9.00E-09	2.52E-08	1.02E-07	4.40E-07	5.33E-05	1.33E-06	4.94E-06	8.54E-05	3.67E-05	1.66E-05	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	2.82E-05	5.28E-05	1.67E-04	4.63E-04	2.12E-03	1.38E-03	3.76E-03	7.69E-03	1.72E-03	3.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Trichloroethylene	8.41E-02	8.80E-02	1.01E-01	1.35E-01	2.00E-01	2.11E-01	3.54E-01	5.14E-01	3.25E-02	8.66E-02	0.00E+00	0.00E+00	8.10E-02
National	All Urban Counties	N/A	U	Vinyl Chloride	8.98E-05	1.84E-04	5.36E-04	1.62E-03	7.01E-03	5.63E-03	1.40E-02	2.36E-02	5.47E-03	1.54E-03	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Acetaldehyde	2.47E-02	4.10E-02	7.84E-02	1.33E-01	1.72E-01	2.24E-01	3.45E-01	4.30E-01	6.12E-03	4.10E-02	8.84E-02	3.69E-02	0.00E+00
National	All Rural Counties	N/A	R	Acrolein	4.11E-03	9.31E-03	2.17E-02	3.65E-02	4.39E-02	5.50E-02	8.13E-02	1.04E-01	6.92E-04	2.67E-02	1.10E-02	5.49E-03	0.00E+00
National	All Rural Counties	N/A	R	Acrylonitrile	5.38E-06	1.39E-05	3.97E-05	1.05E-04	7.97E-04	2.80E-04	7.00E-04	1.29E-03	5.87E-04	2.11E-04	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Arsenic Compounds	4.04E-07	1.08E-06	3.95E-06	1.28E-05	5.79E-05	3.72E-05	9.44E-05	1.94E-04	2.35E-05	3.37E-05	1.78E-07	5.02E-07	0.00E+00
National	All Rural Counties	N/A	R	Benzene	5.10E-01	5.36E-01	5.84E-01	6.58E-01	7.32E-01	7.99E-01	1.00E+00	1.17E+00	4.07E-03	6.98E-02	1.25E-01	5.29E-02	4.80E-01
National	All Rural Counties	N/A	R	Beryllium Compounds	7.74E-08	1.81E-07	5.14E-07	1.31E-06	8.51E-06	3.84E-06	9.78E-06	1.81E-05	3.46E-06	5.04E-06	0.00E+00	4.17E-09	0.00E+00
National	All Rural Counties	N/A	R	1,3-Butadiene	2.06E-03	3.94E-03	8.00E-03	1.39E-02	2.51E-02	2.94E-02	5.31E-02	7.36E-02	2.57E-04	1.14E-02	1.03E-02	3.19E-03	0.00E+00
National	All Rural Counties	N/A	R	Cadmium Compounds	2.96E-07	7.67E-07	2.19E-06	6.08E-06	7.14E-05	1.83E-05	5.51E-05	1.36E-04	1.37E-05	5.77E-05	0.00E+00	5.81E-08	0.00E+00
National	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	6.21E-05	9.88E-05	0.00E+00	0.00E+00	8.80E-01
National	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.43E-02	8.35E-02	8.42E-02	8.64E-02	9.45E-04	4.02E-04	0.00E+00	0.00E+00	8.30E-02
National	All Rural Counties	N/A	R	Chromium Compounds	2.83E-06	8.42E-06	2.55E-05	7.47E-05	6.53E-04	2.48E-04	1.06E-03	2.43E-03	1.46E-04	4.81E-04	1.17E-05	1.41E-05	0.00E+00
National	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	1,3-Dichloropropene	5.52E-04	1.39E-03	3.47E-03	7.68E-03	1.72E-02	2.08E-02	4.69E-02	6.53E-02	4.52E-07	1.72E-02	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Diesel Particulate Matter	1.45E-01	2.25E-01	4.24E-01	6.66E-01	7.40E-01	9.66E-01	1.32E+00	1.56E+00	0.00E+00	0.00E+00	2.71E-01	4.69E-01	***
National	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	9.10E-07	4.24E-07	0.00E+00	0.00E+00	7.70E-03
National	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.10E-02	6.11E-02	6.12E-02	2.11E-04	4.08E-05	0.00E+00	0.00E+00	6.10E-02
National	All Rural Counties	N/A	R	Ethylene Oxide	4.98E-06	1.24E-05	4.10E-05	1.25E-04	7.64E-04	4.14E-04	1.23E-03	2.27E-03	2.25E-04	5.38E-04	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Formaldehyde	2.84E-01	3.13E-01	3.81E-01	4.67E-01	5.48E-01	5.93E-01	7.69E-01	9.16E-01	6.47E-03	1.56E-01	7.92E-02	5.61E-02	2.50E-01
National	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	9.32E-05	9.33E-05	1.50E-08	8.66E-08	0.00E+00	0.00E+00	9.30E-05
National	All Rural Counties	N/A	R	Hydrazine	0.00E+00	4.45E-12	9.09E-11	9.62E-10	7.52E-07	8.89E-09	8.65E-08	3.65E-07	4.46E-07	3.05E-07	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Lead Compounds	7.89E-06	1.76E-05	5.26E-05	1.71E-04	9.65E-04	5.23E-04	1.53E-03	3.13E-03	2.33E-04	5.66E-04	1.64E-05	1.50E-04	0.00E+00
National	All Rural Counties	N/A	R	Manganese Compounds	1.04E-05	2.70E-05	9.58E-05	3.17E-04	1.88E-03	9.52E-04	2.76E-03	5.70E-03	7.75E-04	1.09E-03	4.74E-06	1.45E-05	0.00E+00
National	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.59E-03	1.56E-03	1.62E-03	1.69E-03	3.04E-05	5.14E-05	1.57E-07	3.31E-06	1.50E-03
National	All Rural Counties	N/A	R	Methylene Chloride	1.51E-01	1.53E-01	1.58E-01	1.72E-01	2.25E-01	2.17E-01	3.21E-01	4.34E-01	2.34E-02	5.15E-02	0.00E+00	0.00E+00	1.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																		
Estimated Annual Average Ambient Concentrations (µg/m³) for Utah																		
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	
National	All Rural Counties	N/A	R	Nickel Compounds	4.25E-06	1.20E-05	3.51E-05	1.01E-04	5.65E-04	3.28E-04	9.65E-04	1.98E-03	1.17E-04	4.16E-04	9.04E-06	2.27E-05	0.00E+00	
National	All Rural Counties	N/A	R	Perchloroethylene	1.40E-01	1.41E-01	1.43E-01	1.49E-01	1.65E-01	1.65E-01	2.06E-01	2.41E-01	2.26E-03	2.25E-02	0.00E+00	0.00E+00	1.40E-01	
National	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	3.42E-09	1.17E-08	0.00E+00	0.00E+00	3.80E-04	
National	All Rural Counties	N/A	R	Polycyclic Organic Matter	1.32E-03	2.90E-03	6.21E-03	1.18E-02	2.61E-02	2.71E-02	5.54E-02	8.67E-02	3.16E-03	2.28E-02	8.05E-05	2.55E-05	0.00E+00	
National	All Rural Counties	N/A	R	7-PAH	8.42E-05	1.89E-04	5.10E-04	9.11E-04	1.41E-03	1.65E-03	3.04E-03	4.11E-03	9.20E-06	1.35E-03	3.88E-05	1.19E-05	0.00E+00	
National	All Rural Counties	N/A	R	Propylene Dichloride	2.43E-07	6.71E-07	2.34E-06	6.42E-06	1.82E-05	1.58E-05	3.57E-05	5.62E-05	5.71E-06	1.24E-05	0.00E+00	0.00E+00	0.00E+00	
National	All Rural Counties	N/A	R	Quinoline	0.00E+00	1.21E-10	1.90E-09	1.44E-08	5.06E-06	7.37E-08	3.29E-07	9.54E-07	2.77E-06	2.29E-06	0.00E+00	0.00E+00	0.00E+00	
National	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.34E-06	4.65E-06	1.69E-05	4.77E-05	1.31E-04	1.23E-04	2.84E-04	4.57E-04	3.28E-05	9.84E-05	0.00E+00	0.00E+00	0.00E+00	
National	All Rural Counties	N/A	R	Trichloroethylene	8.11E-02	8.13E-02	8.19E-02	8.40E-02	9.96E-02	9.29E-02	1.17E-01	1.51E-01	6.09E-03	1.25E-02	0.00E+00	0.00E+00	8.10E-02	
National	All Rural Counties	N/A	R	Vinyl Chloride	3.96E-06	1.33E-05	5.03E-05	1.45E-04	5.19E-04	3.78E-04	9.56E-04	1.57E-03	1.99E-04	3.20E-04	0.00E+00	0.00E+00	0.00E+00	