

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations 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. In addition, these results represent conditions in 1996 rather than current conditions.

- The exposure estimates presented below are representative of midrange estimates of population exposures. Due to a number of factors, some individuals may have substantially higher or lower exposures. It is important to note that the model, as applied on the national scale, is not designed to quantify these extreme values of individual exposures.
- Note that for certain chemicals, exposure pathways other than inhalation as well as indoor sources of air toxics may contribute substantially to total exposures of concern. This assessment does not address these other routes of exposure (i.e., ingestion or dermal) or inhalation exposure resulting from indoor sources.
- 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.

				Estimated Annual Median Exposure Concentrations (ug/m3) for Utah												
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium
National	All	99999	-	2.33E-04	4.79E-02	5.20E-02	4.82E-01	7.21E-02	5.62E-04	4.83E-05	1.19E+00	8.35E-06	3.90E-05	6.41E-01	6.90E-02	5.15E-04
National	All Urban Counties	99998	U	3.50E-04	5.93E-02	6.60E-02	6.45E-01	8.89E-02	8.39E-04	6.25E-05	1.41E+00	1.08E-05	5.90E-05	6.41E-01	6.96E-02	8.25E-04
National	All Rural Counties	99998	R	3.62E-05	1.30E-02	7.09E-03	1.15E-01	3.03E-02	7.64E-05	1.01E-05	6.01E-01	1.09E-06	4.79E-06	6.40E-01	6.80E-02	5.05E-05
Utah	State Total	49000	-	1.94E-04	6.48E-02	3.47E-02	3.92E-01	5.51E-02	3.64E-04	3.80E-05	1.42E+00	3.48E-06	2.21E-05	6.40E-01	6.86E-02	9.79E-04
Utah	State Urban Counties	49000	U	2.15E-04	7.61E-02	4.06E-02	4.66E-01	6.10E-02	4.18E-04	4.41E-05	1.53E+00	4.23E-06	3.10E-05	6.40E-01	6.88E-02	1.62E-03
Utah	State Rural Counties	49000	R	1.94E-08	7.53E-03	1.41E-03	5.72E-02	1.21E-02	3.22E-06	1.15E-06	5.31E-01	4.61E-07	8.15E-07	6.42E-01	6.77E-02	5.42E-06
Utah	Beaver County	49001	R	2.29E-09	5.51E-03	3.54E-04	2.39E-02	1.77E-02	4.80E-07	2.38E-07	4.60E-01	1.04E-07	1.29E-07	6.40E-01	6.76E-02	8.76E-07
Utah	Box Elder County	49003	U	2.28E-05	2.19E-02	8.25E-03	1.07E-01	2.59E-02	4.37E-05	1.62E-05	6.79E-01	3.74E-06	7.68E-06	6.36E-01	6.80E-02	2.97E-05
Utah	Cache County	49005	U	1.64E-05	2.35E-02	8.53E-03	1.03E-01	2.16E-02	3.80E-05	1.01E-05	6.68E-01	2.77E-06	5.02E-06	6.40E-01	6.78E-02	1.19E-05
Utah	Carbon County	49007	R	1.68E-04	2.90E-02	1.89E-02	1.74E-01	2.01E-02	2.91E-04	1.90E-05	1.65E+00	5.48E-06	7.65E-06	6.45E-01	6.78E-02	2.54E-05
Utah	Daggett County	49009	R	4.63E-06	9.72E-04	5.99E-05	8.63E-03	1.64E-03	8.45E-06	4.66E-08	4.24E-01	1.80E-08	2.75E-08	6.42E-01	6.75E-02	5.82E-07
Utah	Davis County	49011	U	1.97E-04	5.91E-02	3.25E-02	4.92E-01	5.10E-02	3.84E-04	4.24E-05	1.23E+00	2.82E-06	2.81E-05	6.43E-01	6.89E-02	1.63E-03
Utah	Duchesne County	49013	R	9.06E-09	1.01E-02	1.62E-03	1.28E-01	2.45E-02	1.90E-06	9.65E-07	6.26E-01	4.15E-07	5.88E-07	6.45E-01	6.78E-02	5.34E-06
Utah	Emery County	49015	R	1.79E-09	2.47E-03	5.37E-04	2.11E-02	3.88E-03	3.75E-07	3.68E-06	4.50E-01	3.21E-07	6.03E-07	6.40E-01	6.76E-02	3.43E-06
Utah	Garfield County	49017	R	9.23E-10	9.26E-04	1.51E-04	1.18E-02	1.84E-03	2.01E-07	1.73E-07	4.25E-01	7.57E-08	1.04E-07	6.46E-01	6.78E-02	5.85E-07
Utah	Grand County	49019	U	7.41E-06	1.17E-02	7.98E-03	8.60E-02	6.67E-03	2.13E-05	5.57E-06	7.21E-01	2.35E-06	2.89E-06	6.37E-01	6.81E-02	7.29E-06
Utah	Iron County	49021	U	4.40E-09	7.06E-03	4.59E-03	4.26E-02	1.27E-02	9.26E-07	3.15E-06	6.04E-01	1.34E-06	1.70E-06	6.38E-01	6.81E-02	8.18E-06
Utah	Juab County	49023	U	2.16E-05	2.98E-02	7.25E-04	1.67E-01	1.12E-01	4.32E-05	3.95E-06	7.87E-01	2.14E-06	2.43E-06	6.37E-01	6.79E-02	4.92E-05
Utah	Kane County	49025	U	1.32E-05	3.28E-03	3.07E-04	2.93E-02	8.79E-03	2.37E-05	2.86E-07	4.39E-01	7.84E-08	1.92E-07	6.43E-01	6.77E-02	1.17E-06
Utah	Millard County	49027	R	3.93E-09	6.46E-03	9.69E-04	5.11E-02	3.16E-02	8.27E-07	6.43E-07	5.10E-01	2.80E-07	4.37E-07	6.44E-01	6.78E-02	2.16E-06
Utah	Morgan County	49029	R	3.64E-05	9.92E-03	3.69E-03	1.10E-01	1.64E-02	6.93E-05	2.13E-05	5.85E-01	1.43E-06	6.63E-06	6.37E-01	6.82E-02	3.71E-04
Utah	Piute County	49031	R	1.28E-09	1.34E-03	1.79E-04	1.02E-02	3.28E-03	2.69E-07	1.13E-07	4.22E-01	5.01E-08	6.59E-08	6.42E-01	6.75E-02	4.79E-07
Utah	Rich County	49033	R	1.14E-06	2.11E-03	1.31E-04	1.14E-02	5.45E-03	2.36E-06	8.95E-08	4.26E-01	2.79E-08	5.94E-08	6.44E-01	6.78E-02	4.03E-07
Utah	Salt Lake County	49035	U	2.93E-04	1.01E-01	5.05E-02	5.72E-01	7.32E-02	5.63E-04	7.06E-05	1.72E+00	5.89E-06	5.21E-05	6.40E-01	6.91E-02	4.97E-03
Utah	San Juan County	49037	R	1.14E-05	1.40E-03	2.32E-04	1.57E-02	2.91E-03	1.99E-05	1.65E-07	4.51E-01	7.44E-08	1.15E-07	6.42E-01	6.77E-02	7.64E-07
Utah	Sanpete County	49039	R	5.16E-05	1.51E-02	2.69E-03	8.87E-02	1.96E-02	9.24E-05	1.75E-06	6.12E-01	7.28E-07	1.05E-06	6.41E-01	6.79E-02	7.35E-06
Utah	Sevier County	49041	R	1.83E-08	1.39E-02	2.11E-03	9.92E-02	3.15E-02	3.83E-06	3.34E-06	5.98E-01	5.88E-07	1.19E-06	6.42E-01	6.77E-02	6.59E-06
Utah	Summit County	49043	R	1.64E-05	6.37E-03	3.14E-03	7.16E-02	8.64E-03	3.16E-05	6.06E-06	5.15E-01	1.01E-06	3.45E-06	6.40E-01	6.79E-02	1.24E-04
Utah	Tooele County	49045	U	4.72E-05	5.50E-02	1.23E-02	2.61E-01	7.33E-02	9.28E-05	7.70E-05	8.88E-01	5.13E-06	3.86E-05	6.36E-01	6.80E-02	6.02E-04
Utah	Uintah County	49047	R	1.45E-08	1.09E-02	4.02E-03	7.52E-02	1.59E-02	3.05E-06	5.48E-06	5.90E-01	1.06E-06	1.66E-06	6.45E-01	6.78E-02	1.22E-05
Utah	Utah County	49049	U	7.40E-05	6.71E-02	4.93E-02	3.03E-01	5.59E-02	1.44E-04	1.93E-05	1.70E+00	1.93E-06	9.52E-06	6.37E-01	6.85E-02	8.10E-04
Utah	Wasatch County	49051	R	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	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 County	49053	U	1.88E-05	2.71E-02	1.53E-02	9.75E-02	2.59E-02	3.70E-05	8.18E-06	8.37E-01	3.52E-06	4.66E-06	6.39E-01	6.80E-02	2.15E-05
Utah	Wayne County	49055	R	1.36E-09	1.30E-03	1.88E-04	1.11E-02	3.01E-03	2.85E-07	1.26E-07	4.27E-01	5.28E-08	6.73E-08	6.44E-01	6.79E-02	4.79E-07

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State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel
National	All	99999	-	0.00E+00	1.07E+00	6.08E-03	5.27E-02	1.25E-03	6.77E-01	7.51E-05	3.71E-08	1.54E-03	1.06E-03	1.33E-03	2.72E-01	7.43E-04
National	All Urban Counties	99998	U	0.00E+00	1.30E+00	6.08E-03	5.28E-02	1.80E-03	8.22E-01	7.51E-05	6.61E-08	2.50E-03	1.32E-03	1.40E-03	3.22E-01	1.10E-03
National	All Rural Counties	99998	R	0.00E+00	4.63E-01	6.08E-03	5.26E-02	1.05E-04	3.45E-01	7.51E-05	9.29E-10	1.45E-04	2.38E-04	1.21E-03	1.40E-01	8.37E-05
Utah	State Total	49000	-	5.72E-08	6.42E-01	6.08E-03	5.26E-02	8.42E-04	6.23E-01	7.50E-05	1.31E-08	7.42E-04	2.22E-03	1.27E-03	1.88E-01	7.84E-04
Utah	State Urban Counties	49000	U	4.54E-06	7.31E-01	6.08E-03	5.26E-02	1.33E-03	6.85E-01	7.50E-05	1.64E-08	1.14E-03	3.13E-03	1.28E-03	1.99E-01	1.31E-03
Utah	State Rural Counties	49000	R	0.00E+00	1.24E-01	6.08E-03	5.24E-02	1.68E-05	2.63E-01	7.50E-05	0.00E+00	1.58E-05	2.85E-05	1.19E-03	1.23E-01	7.26E-06
Utah	Beaver County	49001	R	0.00E+00	5.95E-02	6.09E-03	5.24E-02	1.30E-05	2.41E-01	7.49E-05	0.00E+00	1.79E-06	8.95E-06	1.20E-03	1.21E-01	1.53E-06
Utah	Box Elder County	49003	U	0.00E+00	2.46E-01	6.08E-03	5.30E-02	6.51E-05	3.24E-01	7.52E-05	3.89E-09	1.17E-04	1.29E-03	1.20E-03	1.36E-01	5.66E-05
Utah	Cache County	49005	U	0.00E+00	2.85E-01	6.08E-03	5.25E-02	4.01E-05	3.32E-01	7.50E-05	6.62E-09	1.86E-04	2.30E-04	1.20E-03	1.34E-01	6.34E-05
Utah	Carbon County	49007	R	0.00E+00	2.21E-01	6.08E-03	5.28E-02	2.95E-04	3.59E-01	7.50E-05	0.00E+00	9.97E-05	3.67E-04	1.20E-03	1.56E-01	8.28E-05
Utah	Daggett County	49009	R	0.00E+00	7.33E-02	6.07E-03	5.20E-02	1.86E-06	1.88E-01	7.49E-05	7.25E-11	6.97E-07	1.75E-06	1.18E-03	1.20E-01	6.04E-07
Utah	Davis County	49011	U	0.00E+00	6.38E-01	6.08E-03	5.25E-02	6.07E-04	6.62E-01	7.50E-05	2.74E-09	9.82E-04	2.31E-03	1.27E-03	1.75E-01	1.35E-03
Utah	Duchesne County	49013	R	0.00E+00	1.54E-01	6.08E-03	5.23E-02	1.63E-05	2.96E-01	7.52E-05	0.00E+00	1.01E-05	3.69E-05	1.19E-03	1.23E-01	5.33E-06
Utah	Emery County	49015	R	0.00E+00	8.26E-02	6.08E-03	5.24E-02	2.26E-07	2.00E-01	7.50E-05	0.00E+00	9.76E-06	1.21E-05	1.19E-03	1.21E-01	4.54E-06
Utah	Garfield County	49017	R	0.00E+00	3.95E-02	6.08E-03	5.22E-02	2.50E-06	1.89E-01	7.50E-05	2.39E-10	1.45E-05	6.70E-06	1.19E-03	1.21E-01	1.02E-06
Utah	Grand County	49019	U	0.00E+00	5.56E-02	6.08E-03	5.30E-02	1.62E-05	3.45E-01	7.56E-05	8.11E-08	5.56E-05	1.26E-04	1.19E-03	1.40E-01	3.86E-05
Utah	Iron County	49021	U	0.00E+00	9.75E-02	6.08E-03	5.27E-02	2.53E-05	2.41E-01	7.52E-05	0.00E+00	6.68E-05	1.04E-04	1.19E-03	1.28E-01	2.55E-05
Utah	Juab County	49023	U	0.00E+00	1.85E-01	6.08E-03	5.27E-02	6.37E-06	5.82E-01	7.51E-05	5.04E-11	2.80E-05	6.40E-05	1.19E-03	1.23E-01	1.44E-05
Utah	Kane County	49025	U	0.00E+00	5.86E-02	6.08E-03	5.25E-02	3.28E-06	2.21E-01	7.50E-05	1.25E-11	2.98E-06	2.21E-05	1.19E-03	1.22E-01	1.35E-06
Utah	Millard County	49027	R	0.00E+00	8.06E-02	6.08E-03	5.27E-02	1.92E-05	2.93E-01	7.51E-05	0.00E+00	6.11E-06	1.45E-05	1.19E-03	1.22E-01	5.65E-06
Utah	Morgan County	49029	R	0.00E+00	2.31E-01	6.10E-03	5.31E-02	1.31E-04	2.98E-01	7.53E-05	3.61E-10	2.05E-04	5.13E-04	1.22E-03	1.30E-01	2.69E-04
Utah	Piute County	49031	R	0.00E+00	5.05E-02	6.09E-03	5.21E-02	7.48E-07	1.92E-01	7.49E-05	0.00E+00	9.99E-07	4.40E-06	1.19E-03	1.20E-01	5.24E-07
Utah	Rich County	49033	R	0.00E+00	1.23E-01	6.08E-03	5.25E-02	3.10E-06	2.01E-01	7.51E-05	1.18E-11	1.25E-06	3.14E-06	1.19E-03	1.21E-01	6.47E-07
Utah	Salt Lake County	49035	U	5.35E-06	1.05E+00	6.08E-03	5.26E-02	3.26E-03	8.03E-01	7.50E-05	2.98E-08	1.85E-03	7.22E-03	1.32E-03	2.19E-01	3.79E-03
Utah	San Juan County	49037	R	0.00E+00	3.68E-02	6.09E-03	5.24E-02	4.50E-06	1.93E-01	7.50E-05	0.00E+00	1.98E-06	5.61E-06	1.19E-03	1.21E-01	9.26E-07
Utah	Sanpete County	49039	R	0.00E+00	2.12E-01	6.08E-03	5.25E-02	5.02E-05	3.15E-01	7.51E-05	0.00E+00	1.76E-05	5.98E-05	1.19E-03	1.26E-01	1.32E-05
Utah	Sevier County	49041	R	0.00E+00	1.34E-01	6.08E-03	5.22E-02	2.18E-05	3.30E-01	7.50E-05	0.00E+00	2.01E-05	3.23E-05	1.19E-03	1.25E-01	9.95E-06
Utah	Summit County	49043	R	1.16E-06	2.21E-01	6.07E-03	5.26E-02	4.80E-05	2.77E-01	7.51E-05	8.07E-11	1.33E-04	1.90E-04	1.20E-03	1.29E-01	1.13E-04
Utah	Tooele County	49045	U	0.00E+00	2.83E-01	6.08E-03	5.27E-02	5.67E-04	5.79E-01	7.51E-05	2.93E-08	6.21E-04	1.35E-03	1.71E-03	1.51E-01	4.28E-04
Utah	Uintah County	49047	R	0.00E+00	1.41E-01	6.08E-03	5.22E-02	4.41E-05	3.33E-01	7.51E-05	0.00E+00	8.90E-05	8.44E-05	1.19E-03	1.32E-01	2.24E-05
Utah	Utah County	49049	U	8.73E-03	5.25E-01	6.08E-03	5.27E-02	5.90E-04	5.69E-01	7.51E-05	1.46E-08	2.06E-04	2.45E-03	1.23E-03	1.98E-01	5.14E-04
Utah	Wasatch County	49051	R	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	49053	U	0.00E+00	2.09E-01	6.08E-03	5.28E-02	7.84E-05	3.11E-01	7.51E-05	0.00E+00	2.83E-04	2.89E-04	1.20E-03	1.40E-01	4.37E-05
Utah	Wayne County	49055	R	0.00E+00	4.68E-02	6.10E-03	5.28E-02	1.50E-05	1.92E-01	7.52E-05	0.00E+00	9.71E-07	4.52E-06	1.19E-03	1.21E-01	9.21E-07

1996 Modeled Exposure Concentrations 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. The results are less certain. In addition, these results represent conditions in 1996 rather than current conditions.

- The exposure estimates presented below are representative of midrange estimates of population exposures. Due to a number of factors, some individuals may have substantially higher or lower exposures. It is important to note that the model, as applied on the national scale, is not designed to quantify these extreme values of individual exposures.
- Note that for certain chemicals, exposure pathways other than inhalation as well as indoor sources of air toxics may contribute substantially to total exposures of concern. This assessment does not address these other routes of exposure (i.e., ingestion or dermal) or inhalation exposure resulting from indoor sources.
- 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.

				Estimated Annual Median Exposure Concentrations (ug/m3) for Utah											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
National	All	99999	-	3.00E-04	1.84E-01	4.27E-02	3.11E-05	1.85E-07	9.86E-02	7.61E-04					
National	All Urban Counties	99998	U	3.00E-04	2.13E-01	5.26E-02	4.73E-05	3.22E-07	1.12E-01	1.16E-03					
National	All Rural Counties	99998	R	3.00E-04	1.14E-01	9.18E-03	4.85E-06	1.07E-08	7.06E-02	1.05E-04					
Utah	State Total	49000	-	3.00E-04	1.44E-01	1.72E-02	2.27E-05	5.00E-08	7.85E-02	4.80E-04					
Utah	State Urban Counties	49000	U	3.00E-04	1.57E-01	1.83E-02	2.55E-05	6.22E-08	8.00E-02	5.20E-04					
Utah	State Rural Counties	49000	R	3.00E-04	1.07E-01	2.10E-03	1.11E-07	0.00E+00	6.79E-02	7.07E-08					
Utah	Beaver County	49001	R	3.01E-04	1.06E-01	2.06E-03	1.50E-08	0.00E+00	6.73E-02	8.34E-09					
Utah	Box Elder County	49003	U	3.00E-04	1.11E-01	5.85E-03	3.00E-06	1.77E-08	6.99E-02	6.24E-05					
Utah	Cache County	49005	U	3.00E-04	1.19E-01	6.54E-03	2.46E-06	2.23E-08	6.91E-02	4.13E-05					
Utah	Carbon County	49007	R	3.00E-04	1.26E-01	5.53E-02	1.83E-05	0.00E+00	7.36E-02	3.93E-04					
Utah	Daggett County	49009	R	2.99E-04	1.06E-01	1.52E-04	5.21E-07	3.12E-10	6.70E-02	1.08E-05					
Utah	Davis County	49011	U	3.00E-04	1.38E-01	1.44E-02	2.31E-05	2.17E-08	7.54E-02	4.70E-04					
Utah	Duchesne County	49013	R	3.00E-04	1.08E-01	4.00E-03	5.94E-08	0.00E+00	6.76E-02	3.30E-08					
Utah	Emery County	49015	R	3.00E-04	1.06E-01	3.01E-04	1.18E-08	0.00E+00	6.74E-02	6.51E-09					
Utah	Garfield County	49017	R	3.00E-04	1.06E-01	4.38E-04	1.77E-08	1.41E-09	6.72E-02	4.57E-08					
Utah	Grand County	49019	U	3.00E-04	1.20E-01	1.24E-02	2.76E-06	2.11E-07	7.16E-02	2.35E-05					
Utah	Iron County	49021	U	3.00E-04	1.09E-01	9.53E-03	2.89E-08	0.00E+00	6.89E-02	1.73E-08					
Utah	Juab County	49023	U	3.00E-04	1.06E-01	1.29E-02	2.56E-06	8.18E-10	6.78E-02	5.05E-05					
Utah	Kane County	49025	U	3.00E-04	1.06E-01	1.21E-03	1.47E-06	6.94E-11	6.75E-02	3.10E-05					
Utah	Millard County	49027	R	3.00E-04	1.06E-01	4.33E-03	2.58E-08	0.00E+00	6.75E-02	1.44E-08					
Utah	Morgan County	49029	R	3.01E-04	1.11E-01	2.56E-03	4.25E-06	5.23E-09	7.00E-02	9.17E-05					
Utah	Piute County	49031	R	3.00E-04	1.06E-01	3.20E-04	8.42E-09	0.00E+00	6.72E-02	4.69E-09					
Utah	Rich County	49033	R	3.00E-04	1.06E-01	6.64E-04	1.39E-07	2.82E-10	6.75E-02	2.67E-06					
Utah	Salt Lake County	49035	U	3.00E-04	1.76E-01	1.93E-02	3.67E-05	1.09E-07	8.53E-02	7.07E-04					
Utah	San Juan County	49037	R	3.01E-04	1.06E-01	1.64E-03	1.25E-06	0.00E+00	6.73E-02	2.67E-05					
Utah	Sanpete County	49039	R	3.00E-04	1.07E-01	4.58E-03	5.73E-06	0.00E+00	6.85E-02	1.21E-04					
Utah	Sevier County	49041	R	3.00E-04	1.08E-01	4.47E-03	1.20E-07	0.00E+00	6.81E-02	6.66E-08					
Utah	Summit County	49043	R	3.00E-04	1.13E-01	1.55E-03	1.92E-06	1.92E-09	6.91E-02	3.86E-05					
Utah	Tooele County	49045	U	3.00E-04	1.23E-01	1.68E-02	6.03E-06	9.22E-08	7.13E-02	1.14E-04					
Utah	Uintah County	49047	R	3.00E-04	1.12E-01	4.66E-03	9.51E-08	0.00E+00	6.97E-02	5.29E-08					
Utah	Utah County	49049	U	3.00E-04	1.45E-01	3.22E-02	1.28E-05	5.01E-08	7.89E-02	1.76E-04					
Utah	Wasatch County	49051	R	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Utah	Washington County	49053	U	3.00E-04	1.14E-01	1.15E-02	2.19E-06	0.00E+00	7.10E-02	4.41E-05					
Utah	Wayne County	49055	R	3.01E-04	1.07E-01	2.68E-04	8.92E-09	0.00E+00	6.77E-02	4.95E-09					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Utah												
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium
Utah	Weber County	49057	U	1.77E-04	6.01E-02	3.26E-02	3.28E-01	4.08E-02	3.28E-04	2.10E-05	1.36E+00	2.70E-06	1.57E-05	6.40E-01	6.85E-02	3.10E-04

				Estimated Annual Median Exposure Concentrations (ug/m3) for Utah												
State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel
Utah	Weber County	49057	U	0.00E+00	5.97E-01	6.08E-03	5.26E-02	6.03E-04	5.50E-01	7.50E-05	1.56E-08	5.81E-04	9.93E-04	1.27E-03	1.83E-01	3.47E-04

				Estimated Annual Median Exposure Concentrations (ug/m3) for Utah											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Utah	Weber County	49057	U	3.00E-04	1.37E-01	2.23E-02	2.06E-05	4.94E-08	7.73E-02	5.22E-04					