

**1996 Summary of Hazardous Air Pollutants by County  
(Emissions in pounds/year)**

Hazardous Air Pollutant	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Grand	Iron	Juab	Millard	Morgan	Salt Lake	San Juan	Summit	Tooele	Uintah	Utah	Washington	Weber	Total
1,1,2,2-Tetrachloroethane			368												9					377
1,1,2-Trichloroethane			26												1					27
1,2-Epoxybutane	831				562												8			570
1,3-Butadiene					905							248			3					1,156
1,4-Dichlorobenzene(p)															0					0
1,4-Dioxane (1,4-Diethyleneoxide)	4,379				3,888							2,492					9			6,389
2,2,4-Trimethylpentane					3,783							10,547								14,330
2,4,6-Trichlorophenol					2															2
2,4-Dinitrotoluene															0					0
2,4-Toluene diisocyanate	250																44			44
2,6-Dinitrotoluene															0					0
4,4'-Methylenedianiline					113							8								121
Acetaldehyde	12			340	2,310							131			147			7		2,935
Acetone		10,720										66,178					1,088			67,266
Acrolein	5			260	1,134							60			1					1,455
Acrylonitrile			1,204												28					1,232
Ammonia																	19,932			19,932
Antimony Compounds	4,902				36						633				5					674
Arsenic Compounds	475				13				16		12	3,250			3					3,294
Asbestos																	5			5
Barium Compounds									1,817											1,817
Beno(a)pyrene															0					0
Benzene (including benzene from gasoline)	14		4,630	19,650	25,170	73,209	5,799			2		12,327	2,828	23	913	572	15,369		2	160,493
Benzo(a)anthracene					205										0					205
Beryllium Compounds	59								9	457		8			1					475
Biphenyl					2							147								149
Bis(2-ethylhexyl)phthalate (DEHP)	5				18							9			7					34
Bromoform															144					144
Butane															14					14
Cadmium Compounds	167				37				7		2	252			2					301
Carbon disulfide	5		88		96										2		30,531			30,717
Carbon oxysulfide[Carbon oxide sulfide (COS)]			58												1		86,415			86,475
Carbon tetrachloride			12		5										119					136
Catechol												246								246
Chlorine	199				3,187							743			59,007,248				303,115	59,314,293
Chlorobenzene			56									250			8					315
Chloroform			4		127							0			7					139
Chromium Compounds	12		6		267			8	215		21	760			6		1,320			2,604
Cobalt Compounds	80				884							0								885
Coke Oven Emissions																	4,850			4,850
Cresols/Cresylic acid (isomers and mixture)																	24			24
Cumene					223							516					629	0		1,369
Cyanide Compounds					11							44,137					12,403			56,551
Cyclohexane (hexamethylene)					42															42
Diacetone Alcohol																	17,847			17,847
Dibenzofurans															1		14			15
Dibutylphthalate												1								1
Diethanolamine												2							0	2
Diethylene Glycol												205								205
Dimethyl phthalate					5														96	101
Dimethylamino Ethanol																	4			4
Ethyl Acetate												250								250
Ethyl benzene	1,520	2,106	966	718	5,424	250	868					15,057		6	689	2,742	3,400	37	126	30,284

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Ethylene dichloride (1,2-Dichloroethane)			80																	80
Ethylene glycol	931	1,685			1,852							18,128					360	5	43	20,388
Ethylene Glycol Monobutyl ether												570								570
Ethylidene dichloride (1,1-Dichloroethane)			459																	459
Formaldehyde	521			6,300	14,049		764	8,983				20,126			60		59	94	103	50,538
Glycol Ethers					3,581			2				10,917					432		523	15,456
Hexachlorobenzene															24					24
Hexachloroethane															13					13
Hexamethylene-1,6-diisocyanate					5												69			74
Hexamethylphosphoramide												1								1
Hexane			1,118	2,022	53,524	46,990	13,369		10,606			48,019	5	196	1,019	180	106	56	3,221	180,431
Hydrochloric acid (Hydrogen chloride)	142,864				399,552			2				118,034			6,067,451		474		2,891	6,588,404
Hydrogen fluoride (Hydrofluoric acid)					6,079					65		16,258							70	22,472
Hydroquinone					5							1,776								1,781
Iso-Butylalcohol																16,527				16,527
Iso-Propylalcohol		6,760										250								250
Isophorone																			1,245	1,245
Lead Compounds	2,451		2		241				53		8	17,026			46		256			17,631
m-Xylenes					42															42
Manganese Compounds	5,396		68		62				162			68			9		373			742
Mercury Compounds	145		42		196				1		34				2					275
Methane		1,964										1,070								1,070
Methanol	872				1,697	250		1,185				46,338			20		39,752	1,566	1,409	92,217
Methyl chloroform (1,1,1-Trichloroethane)	168,260		126		150,644							83,661					3,187			237,619
Methyl ethyl ketone (2-Butanone)	5,561	11,206	1,010		9,042				2,221			50,296			31		61,605	1,174	3,423	128,802
Methyl isobutyl ketone (Hexone)	2,110		240		15,647							93,163			6		7,362	5,694	11,085	133,197
Methyl methacrylate					5														1	6
Methyl tert butyl ether					1,759							591			1,569		1,933			5,852
Methylene chloride (Dichloromethane)	5				4,238							96,895			38		3,150		2,588	106,909
Methylene diphenyl diisocyanate (MDI)	5																			0
Misc - Unspecified VOCs												425			421				545	1,391
N-Butyl Acetate																	3,598			3,598
N-Butyl alcohol																	6,780			6,780
Naphthalene	16				990							1,503			225		1,009	11	1,077	4,814
Nickel Compounds	720				365				33		4	272			7		16			697
o-Xylenes																			91	91
p-Xylenes													10,641							10,641
Phenol	6				966							20,951			3		18,446			40,366
Phosgene															27					27
Phosphine												36								36
Phthalic anhydride																			0	0
Polycyclic aromatic hydrocarbons					217															217
Polycyclic Organic Matter/4/	10				0							312			0		64			376
Propionaldehyde					439															439
Propylene dichloride (1,2-Dichloropropane)			38																	38
Propylene[1-Propene]	250														23				1	24
Pyrene															0					0
Quinoline																	2			2
Selenium Compounds	162		1		246				13		1,003	750			1					2,013
Solvent Naphtha												68								68
Strontium (tsp)									1,214											1,214
Styrene					456										1		975		4,377	79,146
Styrene oxide																3				3

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Tetrachloroethylene (Perchloroethylene)	250				71							3,265			30		2,745			6,110
Thorium									29											29
Titanium Dioxide																	58			58
Toluene	4,932	20,523	29,982	29,608	67,962	20,025	11,153		47,424	431		159,070	9,919	96	2,610	1,963	34,427	2,080	23,667	440,418
Trichloroethylene	5				30							47			2,920		136		2	3,136
Trimethyl Benzene																	22,070			22,070
Uranium									28											28
Vinyl acetate												49						5	250	304
Vinyl chloride			906												22				19	947
Xylenes (isomers and mixture)	6,458	68,519	2,535	22,318	43,266	956	18,791			406		135,995		105	2,298	6,571	49,108	1,527	5,635	289,512