

Table 2-1: Summary of 1997 air toxics emissions from point, area, and mobile sources.

Pollutant Name	Cas No.	Emissions (lb)					Percent (%)			
		Point	Area	Onroad	Nonroad	Total	Point	Area	Onroad	Nonroad
<b>PAHs</b>										
Acenaphthene	83329	90.95	69,664.39			69,755.35	0.13	99.87	0.00	0.00
Acenaphthylene	208968	500.78	839,168.93			839,669.70	0.06	99.94	0.00	0.00
Anthracene	120127	17,045.06	85,127.58	19.04	178.42	102,370.11	16.65	83.16	0.02	0.17
Benz(a)anthracene	56553	24,255.94	134,194.83	174.43	2,045.30	160,670.50	15.10	83.52	0.11	1.27
Benzo(ghi)perylene	191242	2,652.46	62,513.18	372.79	3,999.06	69,537.49	3.81	89.90	0.54	5.75
Benzo(a)pyrene	50328	91,183.03	37,232.16	142.36	1,239.30	129,796.85	70.25	28.68	0.11	0.95
Benzo(b)fluoranthene	205992	89.68	38,540.47	199.86	1,055.58	39,885.60	0.22	96.63	0.50	2.65
Benzo(k)fluoranthene	207089	40.20	14,141.98	151.58	1,128.53	15,462.30	0.26	91.46	0.98	7.30
Chrysene	218019	35,590.09	87,722.18	1,681.77	1,555.14	126,549.18	28.12	69.32	1.33	1.23
Dibenz(a,h)anthracene	53703	6.78	21,542.32	24.70	214.59	21,788.39	0.03	98.87	0.11	0.98
Fluoranthene	206440	62,886.56	112,542.70	196.60	1,387.29	177,013.14	35.53	63.58	0.11	0.78
Fluorene	86737	263.14	131,437.01			131,700.15	0.20	99.80	0.00	0.00
Indeno(1,2,3-cd)pyrene	193395	66.91	71,865.35	31.85	213.24	72,177.34	0.09	99.57	0.04	0.30
Naphthalene	91203	936,181.85	7,905,066.66	4,710,095.98	58,068.01	13,609,412.50	6.88	58.09	34.61	0.43
Phenanthrene	85018	3,093.77	1,985,123.17	108.35	616.68	1,988,941.96	0.16	99.81	0.01	0.03
Pyrene	129000	485.09	117,994.38	248.22	902.91	119,630.59	0.41	98.63	0.21	0.75
Total PAHs		1,174,432.29	11,713,877.28	4,713,447.53	72,604.07	17,674,361.17	6.64	66.28	26.67	0.41
<b>Non-Metal Compounds (Excluding PAHs)</b>										
Acetaldehyde	75070	1,302,132.62	118,658.83	13,463,727.33	13,860,591.00	28,745,109.78	4.53	0.41	46.84	48.22
Acrolein	107028	142,098.68	175,565.47	1,784,374.18	890,669.56	2,992,707.88	4.75	5.87	59.62	29.76
Acrylamide	79061	1,197.00				1,197.00	100.00	0.00	0.00	0.00
Acrylonitrile	107131	433,462.18	39,298.50			472,760.68	91.69	8.31	0.00	0.00
Atrazine	1912249		6,129,361.91			6,129,361.91	0.00	100.00	0.00	0.00
Benzene	71432	4,494,373.61	36,206,508.51	76,408,249.17	32,891,567.57	150,000,698.86	3.00	24.14	50.94	21.93
1,3-Butadiene	106990	381,753.19	2,874,081.29	9,976,058.60	3,773,015.22	17,004,908.30	2.24	16.90	58.67	22.19
Carbon tetrachloride	56235	13,947.94	42,102.39			56,050.33	24.88	75.12	0.00	0.00
Chlordane	57749									
Chloroform	67663	823,423.90	244,832.36			1,068,256.26	77.08	22.92	0.00	0.00
Coke oven emissions		2,177,356.47				2,177,356.47	100.00	0.00	0.00	0.00
Dichloroethyl ether (bis(2-chloroethyl) ether)	111444									

Table 2-1: Summary of 1997 air toxics emissions from point, area, and mobile sources (continued).

Pollutant Name	Cas No.	Emissions (lb)					Percent (%)			
		Point	Area	Onroad	Nonroad	Total	Point	Area	Onroad	Nonroad
<b>Non-Metal Compounds (Excluding PAHs) continued</b>										
Diethylhexyl phthalate (DEHP)	117817	25,622.39	988,078.72			1,013,701.11	2.53	97.47	0.00	0.00
Di-n-butyl phthalate	84742	44,239.60	8.60			44,248.20	99.98	0.02	0.00	0.00
Di-n-octyl phthalate	117840	24,164.06	1.69			24,165.75	99.99	0.01	0.00	0.00
Ethylbenzene	100414	4,870,149.20	5,815,534.12	31,329,184.34	20,341,241.82	62,356,109.47	7.81	9.33	50.24	32.62
Ethylene dibromide (Dibromoethane)	106934	801.04	1,253.45			2,054.49	38.99	61.01	0.00	0.00
Ethylene dichloride (1,2-Dichloroethane)	107062	80,098.62	20,977.25			101,075.87	79.25	20.75	0.00	0.00
Ethylene oxide	75218	236,938.30	882,302.18			1,119,240.48	21.17	78.83	0.00	0.00
Formaldehyde	50000	11,185,664.32	1,078,485.90	34,793,296.89	29,643,401.29	76,700,848.39	14.58	1.41	45.36	38.65
Glycol ethers		9,868,531.92	10,344,701.44			20,213,233.36	48.82	51.18	0.00	0.00
Hexachlorobenzene	118741	8.91	17.73			26.65	33.45	66.55	0.00	0.00
Hexachlorobutadiene	87683	15.00				15.00	100.00	0.00	0.00	0.00
Hexachloroethane	67721	416.00	5,886.44			6,302.44	6.60	93.40	0.00	0.00
Hydrazine	302012	456.00				456.00	100.00	0.00	0.00	0.00
Methyl chloroform (1,1,1-Trichloroethane)	71556	2,358,890.09	69,640,152.94			71,999,043.03	3.28	96.72	0.00	0.00
Methylene chloride (Dichloromethane)	75092	18,415,019.15	15,284,788.17			33,699,807.32	54.64	45.36	0.00	0.00
Methylene diphenyl diisocyanate (MDI)	101688	101,127.93				101,127.93	100.00	0.00	0.00	0.00
Pentachlorophenol	87865	4.00				4.00	100.00	0.00	0.00	0.00
Phenol	108952	2,369,515.36	21,332.84		67,368.31	2,458,216.51	96.39	0.87	0.00	2.74
Phosgene	75445	161.00	0.19			161.19	99.88	0.12	0.00	0.00
Styrene	100425	13,876,674.19	117,217.12	14,521,031.18	2,072,075.76	30,586,998.25	45.37	0.38	47.47	6.77
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	1746016	0.11	0.01			0.12	91.14	8.86	0.00	0.00
2,3,7,8-tetrachlorodibenzo-furan (TCDF)	51207319	102.49	0.61			103.10	99.41	0.59	0.00	0.00
Tetrachloroethylene (Perchloroethylene)	127184	3,240,486.61	34,557,887.51			37,798,374.13	8.57	91.43	0.00	0.00
Toluene	108883	51,148,428.01	168,329,744.72	215,684,161.15	81,342,229.72	516,504,563.59	9.90	32.59	41.76	15.75
2,4-Toluene diisocyanate	584849	4,940.29				4,940.29	100.00	0.00	0.00	0.00
Total polychlorinated biphenyls (PCBs)	1336363	243.74	0.09			243.82	99.96	0.04	0.00	0.00
Total polychlorinated dibenzodioxins (PCDDs)		6.01	3.87			9.88	60.84	39.16	0.00	0.00
Total polychlorinated dibenzofurans (PCDFs)		9.07	21.36			30.43	29.81	70.19	0.00	0.00
Trichloroethylene	79016	11,485,739.20	41,097,532.43			52,583,271.63	21.84	78.16	0.00	0.00
2,4,5-Trichlorophenol	95954	6.02				6.02	100.00	0.00	0.00	0.00
2,4,6-Trichlorophenol	188062	301.21				301.21	100.00	0.00	0.00	0.00
Trifluralin	1582098	6,371.00	1,238,431.13			1,244,802.13	0.51	99.49	0.00	0.00

Table 2-1: Summary of 1997 air toxics emissions from point, area, and mobile sources (continued).

Pollutant Name	Cas No.	Emissions (lb)					Percent (%)			
		Point	Area	Onroad	Nonroad	Total	Point	Area	Onroad	Nonroad
<b>Non-Metal Compounds (Excluding PAHs) continued</b>										
Vinyl chloride	75014	1,307,300.68	457,514.09			1,764,814.76	74.08	25.92	0.00	0.00
Xylenes (includes o, m, and p)	1330207	32,867,160.91	93,215,911.43	121,985,022.77	74,724,044.73	322,792,139.84	10.18	28.88	37.79	23.15
m-Xylenes	108383	139,286.37	984,495.59	62,331,029.71	1,096,502.57	64,551,314.23	0.22	1.53	96.56	1.70
o-Xylenes	95476	1,168,876.19	10,316,409.02	33,327,767.17	3,308,309.20	48,121,361.59	2.43	21.44	69.26	6.87
p-Xylenes	106423	7,914.94	616,259.32		109,607.91	733,782.18	1.08	83.98	0.00	14.94
Total Non-Metals		174,605,415	500,845,359	615,603,902	264,120,624	1,555,175,301	11.23	32.21	39.58	16.98
<b>Metal Compounds</b>										
Antimony	7440360	29,099.37	683.51			29,782.88	97.71	2.29	0.00	0.00
Arsenic	7440382	279,832.45	14,760.60	82.43	3.73	294,679.21	94.96	5.01	0.03	0.00
Beryllium	7440417	9,639.08	9,907.77			19,546.84	49.31	50.69	0.00	0.00
Cadmium	7440439	52,022.32	11,471.51			63,493.84	81.93	18.07	0.00	0.00
Chromium	7440473	475,509.92	15,828.84	2,327.93	8,117.82	501,784.52	94.76	3.15	0.46	1.62
Chromium (6)	18540299	21,984.29	91.42			22,075.71	99.59	0.41	0.00	0.00
Cobalt	7440484	56,142.91	937.47			57,080.38	98.36	1.64	0.00	0.00
Copper	7440508	876,892.32	2,922.24	278,930.12	357.82	1,159,102.50	75.65	0.25	24.06	0.03
Lead	7439921	1,094,050.86	29,308.66	103,533.60	4,625.03	1,231,518.14	88.84	2.38	8.41	0.38
Manganese	7439965	1,370,659.78	28,863.61	3,426.25	9,324.64	1,412,274.28	97.05	2.04	0.24	0.66
Mercury	7439976	64,769.13	10,163.46	2,059.74	2,313.40	79,305.74	81.67	12.82	2.60	2.92
Nickel	7440020	912,944.19	26,656.84	2,708.44	4,425.06	946,734.54	96.43	2.82	0.29	0.47
Total Metals		5,243,546.62	151,595.94	393,068.51	29,167.51	5,817,378.57	90.14	2.61	6.76	0.50
<b>Total</b>		<b>181,023,394</b>	<b>512,710,832</b>	<b>620,710,418</b>	<b>264,222,396</b>	<b>1,578,667,041</b>	<b>11.47</b>	<b>32.48</b>	<b>39.32</b>	<b>16.74</b>

\*Ethylene oxide and Ethylene dibromide (Dibromoethane) emissions from OH industrial surface coating, 442,502 lb and 39,845 lb are removed from original data.

Table 2-2: The most significant source categories for the top five non-metal compounds.

<b>Pollutant Name</b>	<b>Cas No.</b>	<b>Emissions (lb)</b>	<b><i>Most Significant Source Category</i></b>	<b>% of Contribution</b>
Toluene	108883	516,504,564	Light Duty Gasoline Vehicles	26
Xylenes (includes o, m, and p)	1330207	322,792,140	Light Duty Gasoline Vehicles	23
Benzene	71432	150,000,699	Light Duty Gasoline Vehicles	31
Formaldehyde	50000	76,700,848	LDGV and Heavy Duty Diesel Vehicles	34
Methyl chloroform	71556	71,999,043	Degreasing Equipment	68

Table 2-3: The most significant source categories for the top five metal compounds.

<b>Pollutant Name</b>	<b>Cas No.</b>	<b>Emissions (lb)</b>	<b><i>Most Significant Source Category</i></b>	<b>% of Contribution</b>
Manganese	7439965	1,412,274	Primary Metal Industries (SIC code 33xx)	46
Lead	7439921	1,231,518	Primary Metal Industries (SIC code 33xx)	41
Copper	7440508	1,159,102	Primary Metal Industries (SIC code 33xx)	31
Nickel	7440020	501,785	Primary Metal Industries (SIC code 33xx)	34
Chromium	7440473	79,306	Metal Mining (SIC code 10xx)	56

Table 2-4: Summary of 1997 air toxics emissions by SCC/AMS codes.

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
ACENAPHTHEN	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	28,916	41.45
ACENAPHTHEN	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	18,344	26.30
ACENAPHTHEN	2104008000	WOOD - RESIDENTIAL	X									14,476	20.75
ACENAPHTHEN	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	7,915	11.35
ACENAPHTHEN		Other										105	0.15
ACENAPHTHYL	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	613,010	73.01
ACENAPHTHYL	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	154,497	18.40
ACENAPHTHYL	2104008000	WOOD - RESIDENTIAL	X									46,324	5.52
ACENAPHTHYL		Other										25,838	3.08
ACETALDEHYDE		Other										32,224,657	91.06
ACETALDEHYDE	2270005015	AGRICULTURAL TRACTORS	X	X	X	X	X	X		X		3,163,212	8.94
ACROLEIN		Other										2,986,565	78.18
ACROLEIN	2275020000	AIRCRAFT - COMMERCIAL	X	X	X	X	X	X		X	X	635,812	16.64
ACROLEIN	2201001290	LDGV	X	X	X	X	X	X		X	X	197,678	5.17
ACRYLAMIDE		UNCLASSIFIED						X		X		695	58.06
ACRYLAMIDE	39999992	MISC MFG									X	501	41.85
ACRYLAMIDE		Other										1	0.08
ACRYLONITRIL	30101849	PLASTIC POLYMERS	X									387,000	81.86
ACRYLONITRIL		Other										46,462	9.83
ACRYLONITRIL	2620030000	LANDFILL - AREA		X		X		X		X		39,299	8.31
ANTHRACENE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	40,482	39.53
ANTHRACENE	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	24,461	23.89
ANTHRACENE	2104008000	WOOD - RESIDENTIAL	X									13,029	12.72
ANTHRACENE		UNCLASSIFIED		X				X				9,877	9.65
ANTHRACENE	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	7,123	6.96
ANTHRACENE	39999992	MISC MFG									X	6,831	6.67
ANTHRACENE		Other										595	0.58
ANTIMONY		UNCLASSIFIED		X		X		X		X		16,843	56.55
ANTIMONY		Other										7,911	26.56
ANTIMONY	30302399	TACONITE ORE PROCESSING				X						1,719	5.77
ANTIMONY	30400414	SECONDARY LEAD	X									1,710	5.74
ANTIMONY	40202299	COATING - PLASTIC PARTS							X			1,600	5.37

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
ARSENIC	39999992	MISC MFG									X	133,698	45.37
ARSENIC		Other										81,083	27.51
ARSENIC	30300813	IRON PRODUCTION									X	62,896	21.34
ARSENIC	30302399	TACONITE ORE PROCESSING				X						17,014	5.77
ATRAZINE	2461800000	PESTICIDE	X	X	X	X		X		X		6,129,362	100.00
BENZ(A)ANTHR	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	73,378	45.58
BENZ(A)ANTHR	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	57,831	35.93
BENZ(A)ANTHR		Other										18,856	11.71
BENZ(A)ANTHR	30300101	ALUMINUM ORE	X	X								10,911	6.78
BENZ(GHI)PE	2104008000	WOOD - RESIDENTIAL	X									28,952	41.28
BENZ(GHI)PE	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	15,829	22.57
BENZ(GHI)PE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	11,566	16.49
BENZ(GHI)PE		Other										7,667	10.93
BENZ(GHI)PE	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	6,114	8.72
BENZENE		Other										142,658,273	79.37
BENZENE	2401020000	COATING - AREA SOURCE						X				14,322,373	7.97
BENZENE	2201001290	LDGV	X	X	X	X	X	X		X	X	11,909,979	6.63
BENZENE	2201001270	LDGV	X	X	X	X	X	X	X	X	X	10,855,253	6.04
BENZO(A)PYRE	30600201	FCCU	X	X	X	X			X		X	59,900	46.08
BENZO(A)PYRE		Other										22,433	17.26
BENZO(A)PYRE	30300302	BY-PRODUCT COKE	X	X							X	15,164	11.67
BENZO(A)PYRE	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	12,229	9.41
BENZO(A)PYRE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	11,566	8.90
BENZO(A)PYRE	2104008000	WOOD - RESIDENTIAL	X									8,686	6.68
BENZO(B)FLUO	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	17,349	43.33
BENZO(B)FLUO	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	12,229	30.54
BENZO(B)FLUO	2104008000	WOOD - RESIDENTIAL	X									5,790	14.46
BENZO(B)FLUO	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	3,166	7.91
BENZO(B)FLUO		Other										1,505	3.76
BENZO(K)FLUO	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	6,114	39.12
BENZO(K)FLUO	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	5,783	37.01
BENZO(K)FLUO	2104008000	WOOD - RESIDENTIAL	X									1,448	9.26
BENZO(K)FLUO		Other										1,492	9.54
BENZO(K)FLUO	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	791	5.06

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
BERYLLIUM	2104004000	OIL - RESIDENTIAL	X	X		X		X		X	X	8,915	45.61
BERYLLIUM		Other										4,923	25.19
BERYLLIUM	30400414	SECONDARY LEAD	X									3,349	17.13
BERYLLIUM		UNCLASSIFIED		X				X		X		1,332	6.81
BERYLLIUM	30500714	CEMENT MFG - WET		X								1,028	5.26
BUTADIENE,13		Other										16,290,241	84.74
BUTADIENE,13	2201001290	LDGV	X	X	X	X	X	X		X	X	1,516,633	7.89
BUTADIENE,13	2201001270	LDGV	X	X	X	X	X	X	X	X	X	1,417,173	7.37
CADMIUM		Other										29,949	47.17
CADMIUM	30400855	SECONDARY ZINC	X									9,657	15.21
CADMIUM	2104004000	OIL - RESIDENTIAL	X	X		X		X		X	X	9,299	14.65
CADMIUM	50100101	INCINERATION	X		X	X			X	X		5,865	9.24
CADMIUM				X		X		X		X		5,225	8.23
CADMIUM	30303015	ZINC PRODUCTION			X							3,498	5.51
CARBON TETRA	2630020000	POTW - AREA				X		X		X	X	31,365	55.96
CARBON TETRA		Other										12,424	22.17
CARBON TETRA	2630000000	POTW - AREA	X									6,552	11.69
CARBON TETRA	2401008000	TRAFFIC MARKING		X				X		X	X	2,890	5.16
CARBON TETRA	30700199	SULFATE (KRAFT) PULPING				X				X	X	2,819	5.03
CHLOROFORM		Other										283,553	26.54
CHLOROFORM	30700199	SULFATE (KRAFT) PULPING				X			X	X	X	197,484	18.49
CHLOROFORM	2630020000	POTW - AREA				X		X		X	X	139,290	13.04
CHLOROFORM	39999992	MISC MFG									X	123,635	11.57
CHLOROFORM	30788801	PAPER/WOOD FUGITIVES							X	X		115,898	10.85
CHLOROFORM	30700102	SULFATE (KRAFT) PULPING								X		90,468	8.47
CHLOROFORM	2465000000	CONSUMER SOLVENTS	X	X	X			X	X	X		61,112	5.72
CHLOROFORM	30700221	SULFITE PULPING								X		56,815	5.32
CHROMIUM		Other										172,493	34.28
CHROMIUM	30300904	STEEL PRODUCTION	X	X		X			X			128,980	25.63
CHROMIUM		UNCLASSIFIED		X		X		X		X		121,218	24.09
CHROMIUM	39999992	MISC MFG									X	80,502	16.00

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
CHROMIUM VI	30901006	CHROME PLATING	X									5,897	26.71
CHROMIUM VI		Other										4,627	20.96
CHROMIUM VI	30901098	PLATING	X									3,163	14.33
CHROMIUM VI	30901002	PLATING	X									2,527	11.45
CHROMIUM VI	30901097	PLATING	X									2,125	9.63
CHROMIUM VI	10100203	COAL COMBUSTION	X	X								2,014	9.12
CHROMIUM VI	10100202	COAL COMBUSTION	X	X		X						1,721	7.80
CHRYSENE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	34,699	27.37
CHRYSENE	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	30,580	24.12
CHRYSENE	30300101	ALUMINUM ORE	X	X								15,438	12.18
CHRYSENE		Other										15,094	11.91
CHRYSENE	2104008000	WOOD - RESIDENTIAL	X									14,476	11.42
CHRYSENE	31502102	CREMATORY	X									8,576	6.76
CHRYSENE	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	7,915	6.24
COBALT	39999992	MISC MFG									X	28,316	49.61
COBALT		Other										17,573	30.79
COBALT		UNCLASSIFIED		X		X		X		X		11,191	19.61
COKE OVEN GS	30300308	BY-PRODUCT COKE	X	X	X				X			1,542,825	70.86
COKE OVEN GS		Other										25,739	1.18
COKE OVEN GS	30300302	BY-PRODUCT COKE	X	X					X			608,793	27.96
COPPER	39999992	MISC MFG									X	568,637	48.99
COPPER		Other										382,709	32.97
COPPER		UNCLASSIFIED		X		X		X		X		209,470	18.05
DIBENZAHAH	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	6,114	28.02
DIBENZAHAH	2104008000	WOOD - RESIDENTIAL	X									5,790	26.54
DIBENZAHAH	2104008051	WOODSTOVE - NONCATALYTIC				X						5,372	24.62
DIBENZAHAH	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	3,166	14.51
DIBENZAHAH		Other										1,375	6.30

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
DIBROMOET,12	2401070000	COATING - AREA SOURCE						X				8,674	20.70
DIBROMOET,12		Other										8,159	19.47
DIBROMOET,12	2401030000	COATING - AREA SOURCE						X				7,442	17.76
DIBROMOET,12	2401045000	COATING - AREA SOURCE						X				4,563	10.89
DIBROMOET,12	2401020000	COATING - AREA SOURCE						X				4,297	10.26
DIBROMOET,12	2401055000	COATING - AREA SOURCE						X				3,392	8.10
DIBROMOET,12	2401100000	COATING - AREA SOURCE						X				2,686	6.41
DIBROMOET,12	2401200000	COATING - AREA SOURCE						X				2,686	6.41
DIBUTYL PHTH	2425000000	GRAPHIC ARTS		X	X			X		X	X	973,554	96.04
DIBUTYL PHTH		Other										40,147	3.96
DICHLORETH12	30101817	PLASTIC POLYMERS		X								51,000	50.46
DICHLORETH12		Other										20,515	20.30
DICHLORETH12	40600136	PETROLEUM PRODUCT XPORT	X		X	X						19,529	19.32
DICHLORETH12	2630020000	POTW - AREA				X				X	X	10,032	9.93
DIEYLHEX PHT		UNCLASSIFIED		X		X		X		X		16,097	36.38
DIEYLHEX PHT		Other										12,620	28.52
DIEYLHEX PHT	39999992	MISC MFG									X	6,919	15.64
DIEYLHEX PHT	40202199	COATING - FLATWOOD							X			4,600	10.40
DIEYLHEX PHT	40200310	SURFACE COATING								X		4,012	9.07
DIOCTYL PHTH	30201601	SUGAR BEET PROCESSING				X						12,506	51.75
DIOCTYL PHTH	40200101	SURFACE COATING								X		7,180	29.71
DIOCTYL PHTH		Other										3,020	12.50
DIOCTYL PHTH		UNCLASSIFIED		X								1,460	6.04
ETHYLBENZENE		Other										56,987,783	76.59
ETHYLBENZENE	2260001020	SNOWMOBILES				X	X	X		X	X	7,966,870	10.71
ETHYLBENZENE	2201001290	LDGV	X	X	X	X	X	X		X	X	4,899,115	6.58
ETHYLBENZENE	2201001270	LDGV	X	X	X	X	X	X	X	X	X	4,553,099	6.12
ETHYLENE OXI	2465000000	CONSUMER SOLVENTS	X	X	X			X	X	X		779,865	49.94
ETHYLENE OXI		Other										422,500	27.05
ETHYLENE OXI	31502001	ETO STERILIZERS	X	X	X				X	X	X	180,448	11.55
ETHYLENE OXI	2401070000	COATING - AREA SOURCE						X				96,313	6.17
ETHYLENE OXI	2401030000	COATING - AREA SOURCE						X				82,618	5.29

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
FLUORANTHENE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	57,831	32.63
FLUORANTHENE	30300101	ALUMINUM ORE	X	X								42,950	24.23
FLUORANTHENE	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	36,687	20.70
FLUORANTHENE		Other										15,905	8.97
FLUORANTHENE	50200504	INCINERATION	X									12,276	6.93
FLUORANTHENE	2104008000	WOOD - RESIDENTIAL	X									11,581	6.53
FLUORENE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	69,397	52.69
FLUORENE	2104008030	WOODSTOVE - CATALYTIC		X	X	X				X	X	30,589	23.23
FLUORENE	2104008000	WOOD - RESIDENTIAL	X									20,267	15.39
FLUORENE	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	11,080	8.41
FLUORENE		Other										366	0.28
FORMALDEHYDE		Other										87,486,586	93.20
FORMALDEHYDE	2270005015	AGRICULTURAL TRACTORS	X	X	X	X	X	X		X		6,381,949	6.80
GLYCOL ETHRS		Other										6,555,356	32.43
GLYCOL ETHRS	2401050000	COATING - AREA SOURCE	X							X		4,941,654	24.45
GLYCOL ETHRS		UNCLASSIFIED	X	X		X				X		3,350,782	16.58
GLYCOL ETHRS	2465000000	CONSUMER SOLVENTS	X	X	X			X		X		1,772,366	8.77
GLYCOL ETHRS	2401990000	COATING - AREA SOURCE				X						1,380,490	6.83
GLYCOL ETHRS	40200101	SURFACE COATING	X			X				X		1,126,605	5.57
GLYCOL ETHRS	2425000000	GRAPHIC ARTS		X							X	1,085,979	5.37
HEXCHLORETH	2465000000	CONSUMER SOLVENTS							X			5,886	93.40
HEXCHLORETH		UNCLASSIFIED		X								369	5.85
HEXCHLORETH		Other										47	0.75
HEXCL-13-BUT		UNCLASSIFIED		X								15	100.00
HEXCLBENZENE	2461800000	PESTICIDE	X	X		X				X		18	66.55
HEXCLBENZENE	30500623	CEMENT MFG - DRY									X	7	26.27
HEXCLBENZENE		Other										2	7.18
HYDRAZINE	39999992	MISC MFG									X	452	99.12
HYDRAZINE		Other										4	0.88
INDN(123CDPY	2104008000	WOOD - RESIDENTIAL	X									28,952	40.10
INDN(123CDPY	2104008051	WOODSTOVE - NONCATALYTIC				X						26,860	37.20
INDN(123CDPY	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	12,229	16.94
INDN(123CDPY	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	3,777	5.23
INDN(123CDPY		Other										388	0.54

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
LEAD		Other										703,553	56.27
LEAD	39999992	MISC MFG									X	336,496	26.91
LEAD	30300813	IRON PRODUCTION		X							X	144,691	11.57
LEAD	30400413	SECONDARY LEAD	X									65,520	5.24
MANGANESE		Other										707,097	50.00
MANGANESE		UNCLASSIFIED		X		X		X		X		231,430	16.37
MANGANESE	30302399	TACONITE ORE PROCESSING				X						208,552	14.75
MANGANESE	30300908	STEEL PRODUCTION	X	X	X				X			188,627	13.34
MANGANESE	39999992	MISC MFG									X	78,410	5.54
MERCURY		Other										35,989	45.02
MERCURY	50100101	INCINERATION	X		X				X	X		14,034	17.56
MERCURY	2104004000	OIL - RESIDENTIAL	X	X		X		X		X	X	9,030	11.30
MERCURY	10100222	COAL COMBUSTION		X	X	X				X		7,036	8.80
MERCURY	10100202	COAL COMBUSTION	X	X	X	X			X	X		6,946	8.69
MERCURY	50100102	INCINERATION	X	X	X	X			X		X	6,906	8.64
METHENE(B)4-		UNCLASSIFIED		X						X		91,183	90.17
METHENE(B)4-	30999999	FABRICATED METAL PRODUCTS		X								5,602	5.54
METHENE(B)4-		Other										4,343	4.29
METHYLENE CL		Other										10,973,692	32.56
METHYLENE CL		UNCLASSIFIED		X		X		X		X		7,616,849	22.60
METHYLENE CL	2415000000	DEGREASING			X			X	X			5,576,009	16.55
METHYLENE CL	39999992	MISC MFG									X	3,817,047	11.33
METHYLENE CL	2401001000	ARCH COAT	X	X	X	X		X		X		3,720,208	11.04
METHYLENE CL	30101818	PLASTIC POLYMERS							X			1,996,000	5.92
NAPHTHALENE		Other										9,941,101	65.61
NAPHTHALENE	2465000000	CONSUMER SOLVENTS	X	X	X			X	X	X		2,292,407	15.13
NAPHTHALENE	2401005000	AUTOBODY	X	X	X	X		X	X	X		2,084,547	13.76
NAPHTHALENE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	832,768	5.50
NICKEL	39999992	MISC MFG									X	619,092	65.32
NICKEL		Other										237,791	25.09
NICKEL		UNCLASSIFIED		X		X		X		X		90,864	9.59
PCBS	30500706	CEMENT MFG - WET								X		236	96.88
PCBS		Other										8	3.12

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
PCDD	50300103	INCINERATION	X									4	40.07
PCDD	2104008051	WOODSTOVE - NONCATALYTIC				X						4	39.14
PCDD		Other										1	14.48
PCDD	50100515	INCINERATION		X	X						X	1	6.31
PCDF	2104008051	WOODSTOVE - NONCATALYTIC				X						21	70.17
PCDF	10200902	WOOD COMBUSTION		X	X	X					X	5	16.18
PCDF		Other										4	13.65
PCP		UNCLASSIFIED		X								4	100.00
PERC		Other										14,475,288	38.30
PERC	2415000000	DEGREASING			X			X	X			7,676,717	20.31
PERC	7216	DRY CLEANER			X							6,812,564	18.02
PERC	2420010055	DRY CLEANING	X	X							X	4,765,761	12.61
PERC	2420000000	DRY CLEANING									X	4,068,044	10.76
PHENANTHRENE	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	1,495,095	75.16
PHENANTHRENE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	225,541	11.34
PHENANTHRENE	2104008000	WOOD - RESIDENTIAL	X									170,820	8.59
PHENANTHRENE		Other										97,655	4.91
PHENOL		UNCLASSIFIED		X		X		X		X		1,132,711	45.44
PHENOL		Other										756,010	30.33
PHENOL	30599999	MINERAL PROD - OTHER	X			X						356,413	14.30
PHENOL	39999992	MISC MFG									X	247,385	9.93
PHOSGENE		UNCLASSIFIED		X								161	99.88
PHOSGENE		Other										0	0.12
PYRENE	2104008051	WOODSTOVE - NONCATALYTIC				X				X	X	69,397	57.94
PYRENE	2104008030	WOODSTOVE - CATALYTIC		X	X	X		X		X	X	30,578	25.53
PYRENE	2104008000	WOOD - RESIDENTIAL	X									11,581	9.67
PYRENE	2104008050	WOODSTOVE - NONCATALYTIC				X				X	X	6,332	5.29
PYRENE		Other										1,887	1.58
STYRENE		Other										20,629,363	60.79
STYRENE		UNCLASSIFIED	X	X		X		X		X		6,037,061	17.79
STYRENE	30800724	FIBERGLASS RESINS	X	X		X			X	X		3,316,257	9.77
STYRENE	2201001290	LDGV	X	X	X	X	X	X		X	X	2,096,051	6.18
STYRENE	2201001270	LDGV	X	X	X	X	X	X	X	X	X	1,859,491	5.48

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
TCDD, 2378	10101201	SOLID WASTE COMBUSTION								X		0	82.60
TCDD, 2378	2104008051	WOODSTOVE - NONCATALYTIC				X						0	8.29
TCDF, 2378	10200902	WOOD COMBUSTION			X						X	102	98.86
TCDF, 2378		Other										1	1.14
TCE, 111	2415000000	DEGREASING			X			X	X			30,504,632	42.37
TCE, 111		Other										24,520,790	34.06
TCE, 111	2465000000	CONSUMER SOLVENTS	X	X	X			X		X		16,973,620	23.57
TOLUENE		Other										465,562,885	78.39
TOLUENE	2201001290	LDGV	X	X	X	X	X	X		X	X	34,119,449	5.75
TOLUENE	2260001020	SNOWMOBILES				X	X	X		X	X	32,621,019	5.49
TOLUENE	2201001270	LDGV	X	X	X	X	X	X	X	X	X	31,741,386	5.34
TOLUENE	2401990000	COATING - AREA SOURCE			X	X					X	29,845,884	5.03
TOLUENE24DII		UNCLASSIFIED		X						X		3,004	60.81
TOLUENE24DII	30101415	PAINT MANUFACTURING	X									998	20.20
TOLUENE24DII	40706404	TANK - TDI	X									612	12.38
TOLUENE24DII		Other										326	6.60
TRICHLORETHY	2415000000	DEGREASING			X			X	X			22,626,586	43.03
TRICHLORETHY		Other										19,538,997	37.16
TRICHLORETHY	40100205	DEGREASE - TCE	X	X	X	X			X	X	X	3,904,123	7.42
TRICHLORETHY	2415050000	DEGREASING								X		3,391,696	6.45
TRICHLORETHY	2415360000	DEGREASING		X								3,121,872	5.94
TRICLPHN, 245	50100102	INCINERATION									X	5	83.03
TRICLPHN, 245		UNCLASSIFIED		X								1	16.61
TRICLPHN, 245		Other										0	0.36
TRICLPHN, 246	50100102	INCINERATION									X	276	91.63
TRICLPHN, 246		UNCLASSIFIED		X								25	8.30
TRICLPHN, 246		Other										0	0.07
TRIFLURALIN	2461800000	PESTICIDE	X		X	X						1,238,431	99.49
TRIFLURALIN		Other										6,371	0.51
VINYL CHLOR	30101864	PLASTIC POLYMERS	X		X							993,196	56.28
VINYL CHLOR	2630020000	POTW - AREA				X		X		X	X	441,481	25.02
VINYL CHLOR		Other										125,611	7.12
VINYL CHLOR	64630001	PVC	X									106,927	6.06
VINYL CHLOR	30101899	PLASTIC POLYMERS							X			97,600	5.53

Table 2-4: Summary of 1997 air toxics emissions by SCC (continued).

Material Code	SCC	Category	IL	IN	MI	MN	NY	OH	PA	WI	ON	Regional Emissions	Regional Percentage
XYLENE ,M		Other										56,795,933	66.56
XYLENE ,M	2201001290	LDGV	X	X	X	X	X	X		X	X	9,970,609	11.69
XYLENE ,M	2201001270	LDGV	X	X	X	X	X	X	X	X	X	9,295,584	10.89
XYLENE ,M	2201001330	LDGV	X	X	X	X	X	X		X		4,867,898	5.71
XYLENE ,M	2201001310	LDGV	X	X	X	X	X	X	X	X		4,394,590	5.15
XYLENE ,O		Other										42,050,835	71.51
XYLENE ,O	2201001290	LDGV	X	X	X	X	X	X		X	X	5,261,406	8.95
XYLENE ,O	2201001270	LDGV	X	X	X	X	X	X	X	X	X	4,889,586	8.32
XYLENE ,O	2401050000	COATING - AREA SOURCE	X							X		3,411,201	5.80
XYLENE ,O	2401990000	COATING - AREA SOURCE			X						X	3,190,073	5.43
XYLENE ,P		Other										229,712	31.31
XYLENE ,P	2415000000	DEGREASING			X			X				206,947	28.20
XYLENE ,P	2501060101	STAGE 2 - AREA				X					X	114,998	15.67
XYLENE ,P	2501060100	STAGE 2 - AREA						X		X		86,902	11.84
XYLENE ,P	2282005010	BOATS - OUTBOARDS		X								58,234	7.94
XYLENE ,P	2415050000	DEGREASING								X		36,989	5.04
XYLENES ISO		Other										285,435,789	77.19
XYLENES ISO	2260001020	SNOWMOBILES				X	X	X		X	X	35,590,276	9.63
XYLENES ISO	2401005000	AUTOBODY	X	X	X	X		X	X	X		29,511,951	7.98
XYLENES ISO	2201001290	LDGV	X	X	X	X	X	X		X	X	19,226,833	5.20