Plastic Resins and Man-made Fibers

1995 TRI Releases for Man-made Fiber Manufacturing Facilities (SIC 2823 & 2824) By Number of Facilities Reporting (pounds/year)*

Chemical Name	# Reporting Chemical	Fugitive Air	Point Air	Water Discharges	Underground Injection	Land Disposal	Total Releases	Avg. Releases Per Facility
Ethylene Glycol	13	479,311	558,748	218,523	3,500	1,655	1,261,737	97,057
Biphenyl	12	246,298	52,811	298	5,500	277	305,184	25,432
Ammonia	11	78,827	107,090	284,152	230,695	26,095	726,859	66,078
Chlorine	10	511	62,250	110	0	0	62,871	6,287
Antimony Compounds[M]	9	940	2,303	688	6	18,005	21,942	2,438
Methanol	9	665,183	1,592,326	5,198	370,250	0	2,632,957	292,551
Acetaldehyde[C]	9	400,610	799,922	3,990	120,000	0	1,324,522	147,169
Phosphoric Acid	9	5	6	0	0	0	11	1
Hydrochloric Acid (1995 and after "Acid Aerosols" Only)	8	240	6,034,881	0	0	0	6,035,121	754,390
1,4-Dioxane[C]	7	13,339	48,658	125,342	0	10	187,349	26,764
Nitrate Compounds	6	0	0	856,584	11,000,000	0	11,856,584	1,976,097
Zinc Compounds[M]	6	250	2,653	63,900	2	533,600	600,405	100,068
Toluene	6	310,790	616,243	266	0	0	927,299	154,550
Sulfuric Acid	6	0	2,907	0	0	0	2,907	485
Manganese Compounds[M]	5	0	2,500	2,000	340	19,000	23,840	4,768
Formaldehyde[C]	5	3,914	40,678	12,724	28,000	0	85,316	17,063
Methyl Ethyl Ketone	5	96,416	87,991	424	88,000	0	272,831	54,566
Nitric Acid	5	2,400	4,900	0	200,000	0	207,300	41,460
Chromium Compounds[C, M]	4	0	533	1,510	0	8,400	10,443	2,611
Carbon Disulfide	4	2,697,000	56,760,000	39,110	0	265	59,496,375	14,874,094
Formic Acid	3	1,602	17,908	52	3,400,000	0	3,419,562	1,139,854
N-butyl Alcohol	3	35,011	3,838	18,000	830,000	0	886,849	295,616
Trichlorofluoromethane[O]	3	219,927	4,400	75	0	0	224,402	74,801
Acrylonitrile[C]	3	36,836	222,786	0	8,760	0	268,382	89,461
Vinyl Acetate[C]	3	9,909	125,510	1	750	0	136,170	45,390
Hydroquinone	3	12,000	1,039	3,400	0	0	16,439	5,480
Butyraldehyde	3	17,330	53,300	110	84,000	0	154,740	51,580
Dimethylamine	3	18,312	261,417	20,500	0	0	300,229	100,076
Nickel[C, M]	3	0	110	341	6,100	1,340	7,891	2,630
Copper Compounds[M]	2	0	270	690	170	6,100	7,230	3,615
Diisocyanates	2	142	0	0	0	0	142	71
Certain Glycol Ethers	2	98,400	7,100	408	0	0	105,908	52,954
Benzene[C]	2	0	8,100	0	0	0	8,100	4,050
1,1,1-Trichloroethane[O]	2	6,394	227,694	0	0	0	234,088	117,044
Ethylene	2	3,400	110,000	0	0	0	113,400	56,700
Acetonitrile	2	39,536	44,719	497	0	0	84,752	42,376
Dichloromethane[C]	2	125,694	291,436	0	0	0	417,130	208,565
Ethylene Oxide[C]	2	250	23,005	0	0	0	23,255	11,628
Tert-butyl Alcohol	2	0	65	0	750	0	815	408
Dichlorodifluoromethane[O]	2	23,581	0	0	0	0	23,581	11,791
Styrene[C]	2	1,500	2,100	190	0	0	3,790	1,895
1,3-butadiene[C]	2	380	18,400	0	0	0	18,780	9,390
Phenol	2	191	1,171	626	0	0	1,988	994
2-methoxyethanol	2	24	63	2,800	0	0	2,887	1,444
N-hexane	2	188,179	4,672	0	0	0	192,851	96,426
Cyclohexane	2	10,900	150,980	9	20,000	0	181,889	90,945
Diethanolamine	2	270	1,483	0	0	0	1,753	877
Propionaldehyde	2	14,000	100,000	7	80,000	0	194,007	97,004
Dimethyl Phthalate	2	6	275	230	750	0	1,261	631
Butyl Acrylate	2	36	513	5	0	0	554	277
Sodium Nitrite	2	0	0	0	6,500	0	6,500	3,250
Toluene Diisocyanate[C] (Mixed Isomers)	2	10	5	0	0	0	15	8
Cadmium Compounds[C, M]	1	0	0	0	0	0	0	0
Cobalt Compounds[C, M]	1	0	280	0	0	14,000	14,280	14,280
Cyanide Compounds	1	0	0	0	0	0	0	0
Lead Compounds[C, M]	1	0	13	0	0	0	13	13
Nickel Compounds[C, M]	1	0	1	0	0	0	1	1
2,4-Dinitrophenol	1	110	0	2,000	0	0	2,110	2,110
Aniline	1	40	120	4,300	0	0	4,460	4,460
Diethyl Sulfate[C]	1	230	0	0	0	0	230	230
Chloroform[C]	1	7,000	17,000	72	0	0	24,072	24,072
n,n-dimethylformamide[C]	1	460	4,100	410	0	0	4,970	4,970
Bromomethane[O]	1	720	210,000	11	0	0	210,731	210,731
Methyl Iodide	1	4,000	16	0	0	0	4,016	4,016

1995 TRI Releases for Man-made Fiber Manufacturing Facilities (SIC 2823 & 2824) By Number of Facilities Reporting (pounds/year)*

Chemical Name	# Reporting Chemical	Fugitive Air	Point Air	Water Discharges	Underground Injection	Land Disposal	Total Releases	Avg. Releases Per Facility
Hydrogen Cyanide	1	27,200	44,410	0	0	0	71,610	71,610
Vinylidene Chloride	1	190	5,900	0	0	0	6,090	6,090
Chlorodifluoromethane[O]	1	5,790	0	0	0	0	5,790	5,790
Freon 113[O]	1	167,230	30,375	0	0	0	197,605	197,605
Dichlorotetrafluoroethane (CFC-114)[O]	1	8,244	0	0	0	0	8,244	8,244
Dimethyl Sulfate[C]	1	0	0	0	0	0	0	0
Isobutyraldehyde	1	20,000	7,300	0	0	0	27,300	27,300
Sec-butyl Alcohol	1	0	0	0	48,000	0	48,000	48,000
Acrylic Acid	1	3	1,087	20	0	0	1,110	1,110
1,1,2,2-tetrachloroethane	1	160	250	0	0	0	410	410
4,4'-isopropylidenediphenol	1	0	0	0	0	0	0	0
Methyl Methacrylate	1	750	750	0	0	0	1,500	1,500
Dibutyl Phthalate	1	7,000	190	85	0	0	7,275	7,275
Phthalic Anhydride	1	3,900	1,100	0	0	0	5,000	5,000
Picric Acid	1	0	0	0	25,000	0	25,000	25,000
O-anisidine[C]	1	460	10	0	0	0	470	470
2-phenylphenol	1	0	59	0	0	0	59	59
O-xylene	1	17,000	35,000	2	0	0	52,002	52,002
O-Toluidine[C]	1	460	0	0	0	0	460	460
Methyl Acrylate	1	3	817	0	0	0	820	820
Dichloran	1	0	0	0	0	0	0	0
p-nitroaniline	1	3	0	2	0	0	5	5
Benzyl Chloride	1	0	0	0	0	0	0	0
p-xylene	1	6,400	63,000	0	0	0	69,400	69,400
p-phenylenediamine	1	0	0	.	0	0	0	0
Quinone	1	3,800	3,300	1,500	0	0	8,600	8,600
Methyl Isobutyl Ketone	1	44,000	100,000	4,000	0	0	148,000	148,000
Maleic Anhydride	1	0	0	0	0	0	0	0
M-xylene	1	1,000	1,000	0	0	0	2,000	2,000
1,3-phenylenediamine	1	0	0	.	0	0	0	0
Chlorobenzene	1	290	1,500	1	0	0	1,791	1,791
Cyclohexanol	1	92	3,600	0	1,300,000	0	1,303,692	1,303,692
Pyridine	1	41	2	190	0	0	233	233
Propylene	1	540	14,000	0	0	0	14,540	14,540
Di(2-ethylhexyl) Phthalate[C]	1	8,300	2	230	0	0	8,532	8,532
Triethylamine	1	280	12,000	13	0	0	12,293	12,293
n,n-dimethylaniline	1	0	0	0	0	0	0	0
Tetrachloroethylene[C]	1	420	3,280	.	0	0	3,700	3,700
Ethyl Acrylate[C]	1	2	844	0	0	0	846	846
p-nitrosodiphenylamine	1	24	0	0	0	0	24	24
Bis(chloromethyl) Ether[C]	1	0	0	0	0	0	0	0
Vinyl Bromide[C]	1	220	8,000	0	0	0	8,220	8,220
N-methyl-2-pyrrolidone	1	84	1	8,000	0	0	8,085	8,085
Decabromodiphenyl Oxide	1	0	1	0	11	0	12	12
Xylene (Mixed Isomers)	1	30,000	33,000	270	0	0	63,270	63,270
Crotonaldehyde	1	35,000	55,000	680	0	0	90,680	90,680
Antimony[M]	1	0	5	250	0	250	505	505
Cadmium[C, M]	1	0	0	71	0	71	142	142
Copper[M]	1	0	0	620	29,000	0	29,620	29,620
Boron Trifluoride	1	0	0	0	0	0	0	0
Hydrogen Fluoride	1	0	340,000	0	0	0	340,000	340,000
Chlorine Dioxide	1	0	0	0	0	0	0	0
	34**	6,261,300	69,457,072	1,685,487	17,886,084	629,068	95,919,011	2,821,147

[C]Known or suspect carcinogens [M] Metals and metal compounds [O]Ozone depleters

* Refer to Section III for a discussion of the TRI data and its limitations, methodology used to obtain this data, definitions of the column headings, and the definitions of carcinogens, metals, and ozone depleters.

**Total number of facilities (not chemical reports) reporting to TRI in this industry sector.

1995 TRI Transfers for Man-made Fiber Manufacturing Facilities (SIC 2823 & 2824) By Number of Facilities Reporting (Pounds/year)*

Chemical Name	# Reporting Chemical	POTW Transfers	Disposal Transfers	Recycling Transfers	Treatment Transfers	Energy Recovery Transfers	Total Transfers	Avg Transfer Per Facility
Ethylene Glycol	13	81,958	333,823	40,865,058	67,979	1,186,722	42,535,540	3,271,965
Biphenyl	12	0	19,777	46,500	5,197	5,400	76,874	6,406
Ammonia	11	752	.	.	.	.	752	68
Chlorine	10	0	.	.	.	.	0	0
Antimony Compounds[M]	9	194	6,843	12,799	10,922	.	30,758	3,418
Methanol	9	15,565	580	1,180,100	12,273	241,958	1,450,476	161,164
Acetaldehyde[C]	9	0	250	27,000	8,920	500	36,670	4,074
Phosphoric Acid	9	1,600	.	.	.	.	1,600	178
Hydrochloric Acid (1995 and after "Acid Aerosols" Only)	8	0	.	.	.	.	0	0
1,4-Dioxane[C]	7	140	13,557	.	1,190	1,182	16,069	2,296
Nitrate Compounds	6	0	.	.	467	.	467	78
Zinc Compounds[M]	6	901	868,900	.	.	.	869,801	144,967
Toluene	6	923	3,619	1,000	12,065	58,369	75,976	12,663
Sulfuric Acid	6	0	.	.	.	.	0	0
Manganese Compounds[M]	5	305	501	.	2	.	808	162
Formaldehyde[C]	5	2,060	.	.	37	.	2,097	419
Methyl Ethyl Ketone	5	0	.	.	700	79,951	80,651	16,130
Nitric Acid	5	0	.	.	.	.	0	0
Chromium Compounds[C, M]	4	0	5	24,000	.	.	24,005	6,001
Carbon Disulfide	4	0	.	.	2,900	.	2,900	725
Formic Acid	3	0	.	.	208	.	208	69
N-butyl Alcohol	3	0	.	.	181	58	239	80
Trichlorofluoromethane[O]	3	0	.	3,850	.	.	3,850	1,283
Acrylonitrile[C]	3	200	120	.	250	.	570	190
Vinyl Acetate[C]	3	0	.	.	557	1,290	1,847	616
Hydroquinone	3	150	43	.	.	.	193	64
Butyraldehyde	3	0	.	.	.	.	0	0
Dimethylamine	3	0	.	.	.	.	0	0
Nickel[C, M]	3	0	13	185,000	.	.	185,013	61,671
Copper Compounds[M]	2	0	1,686	30,000	.	.	31,686	15,843
Diisocyanates	2	0	.	.	17,258	.	17,258	8,629
Certain Glycol Ethers	2	430	.	43,000	240	.	43,670	21,835
Benzene[C]	2	0	.	.	.	.	0	0
1,1,1-Trichloroethane[O]	2	0	.	17,443	320	.	17,763	8,882
Ethylene	2	0	.	.	.	.	0	0
Acetonitrile	2	0	.	.	350,340	.	350,340	175,170
Dichloromethane[C]	2	0	.	47,125	2,999	.	50,124	25,062
Ethylene Oxide[C]	2	0	.	.	.	.	0	0
Tert-butyl Alcohol	2	0	.	.	.	.	0	0
Dichlorodifluoromethane[O]	2	0	.	.	.	.	0	0
Styrene[C]	2	0	.	.	.	.	0	0
1,3-butadiene[C]	2	0	.	.	.	.	0	0
Phenol	2	0	2,881	.	1	.	2,882	1,441
2-methoxyethanol	2	0	.	.	.	.	0	0
N-hexane	2	0	.	.	508	.	508	254
Cyclohexane	2	0	.	.	.	.	0	0
Diethanolamine	2	0	.	.	.	.	0	0
Propionaldehyde	2	0	.	.	.	.	0	0
Dimethyl Phthalate	2	0	.	.	.	.	0	0
Butyl Acrylate	2	0	15	.	337	.	352	176
Sodium Nitrite	2	0	.	.	.	.	0	0
Toluene Diisocyanate (Mixed	2	0	.	.	.	450	450	225
Cadmium Compounds[C, M]	1	0	9,000	.	.	.	9,000	9,000
Cobalt Compounds[C, M]	1	0	4,000	9,500	.	.	13,500	13,500
Cyanide Compounds	1	0	.	.	.	.	0	0
Lead Compounds[C, M]	1	0	0	.	.	.	0	0
Nickel Compounds[C, M]	1	0	0	.	.	.	0	0
2,4-Dinitrophenol	1	0	.	.	.	.	0	0
Aniline	1	0	.	.	.	.	0	0
Diethyl Sulfate[C]	1	0	.	.	.	.	0	0
Chloroform[C]	1	0	.	.	.	.	0	0
n,n-dimethylformamide[C]	1	0	.	.	1,300	.	1,300	1,300
Bromomethane[O]	1	0	.	.	.	.	0	0
Methyl Iodide	1	0	.	.	.	.	0	0

1995 TRI Transfers for Man-made Fiber Manufacturing Facilities (SIC 2823 & 2824) By Number of Facilities Reporting (Pounds/year)*

Chemical Name	# Reporting Chemical	POTW Transfers	Disposal Transfers	Recycling Transfers	Treatment Transfers	Energy Recovery Transfers	Total Transfers	Avg Transfer Per Facility
Hydrogen Cyanide	1	0	.	.	.	.	0	0
Vinylidene Chloride	1	0	.	.	.	.	0	0
Chlorodifluoromethane[O]	1	0	.	.	.	.	0	0
Freon 113[O]	1	250	.	.	500	.	750	750
Dichlorotetrafluoroethane (CFC-114)[O]	1	0	.	.	.	.	0	0
Dimethyl Sulfate[C]	1	0	.	.	.	.	0	0
Isobutyraldehyde	1	0	.	.	.	.	0	0
Sec-butyl Alcohol	1	0	.	.	.	.	0	0
Acrylic Acid	1	0	.	.	287	.	287	287
1,1,2,2-tetrachloroethane	1	0	.	.	.	.	0	0
4,4'-isopropylidenediphenol	1	0	.	.	.	.	0	0
Methyl Methacrylate	1	0	.	.	.	.	0	0
Dibutyl Phthalate	1	0	.	.	.	.	0	0
Phthalic Anhydride	1	0	.	.	1,000	.	1,000	1,000
Picric Acid	1	0	.	.	.	.	0	0
O-anisidine[C]	1	0	.	.	.	.	0	0
2-phenylphenol	1	0	.	.	.	.	0	0
O-xylene	1	0	.	.	.	.	0	0
O-Toluidine[C]	1	0	.	.	.	.	0	0
Methyl Acrylate	1	0	.	.	78	.	78	78
Dichloran	1	0	.	.	.	.	0	0
p-nitroaniline	1	0	.	.	.	.	0	0
Benzyl Chloride	1	0	.	.	.	.	0	0
P-xylene	1	0	.	.	.	.	0	0
P-phenylenediamine	1	0	.	.	3,200	.	3,200	3,200
Quinone	1	0	.	.	.	.	0	0
Methyl Isobutyl Ketone	1	0	.	.	.	.	0	0
Maleic Anhydride	1	0	.	.	.	.	0	0
M-xylene	1	0	.	.	.	.	0	0
1,3-phenylenediamine	1	0	.	.	104,000	.	104,000	104,000
Chlorobenzene	1	0	.	.	.	.	0	0
Cyclohexanol	1	0	.	.	.	.	0	0
Pyridine	1	0	.	.	.	.	0	0
Propylene	1	0	.	.	.	.	0	0
Di(2-ethylhexyl) Phthalate[C]	1	0	.	.	8,500	.	8,500	8,500
Triethylamine	1	0	.	.	600	.	600	600
N,N-dimethylaniline	1	0	.	.	.	.	0	0
Tetrachloroethylene[C]	1	0	.	.	2,400	.	2,400	2,400
Ethyl Acrylate[C]	1	0	.	.	354	.	354	354
p-nitrosodiphenylamine	1	0	.	.	.	15,000	15,000	15,000
Bis(chloromethyl) Ether[C]	1	0	.	.	.	.	0	0
Vinyl Bromide[C]	1	0	.	.	.	.	0	0
N-methyl-2-pyrrolidone	1	0	.	.	398,000	.	398,000	398,000
Decabromodiphenyl Oxide	1	0	3,700	.	.	.	3,700	3,700
Xylene (Mixed Isomers)	1	0	370	.	800,029	13,000	813,399	813,399
Crotonaldehyde	1	0	.	.	.	.	0	0
Antimony[M]	1	0	500	.	12,150	.	12,650	12,650
Cadmium[C, M]	1	0	8,400	11,000	.	.	19,400	19,400
Copper[M]	1	0	.	.	.	.	0	0
Boron Trifluoride	1	0	.	.	.	.	0	0
Hydrogen Fluoride	1	0	.	.	.	.	0	0
Chlorine Dioxide	1	0	.	.	.	.	0	0
	34**	105,428	1,278,583	42,503,375	1,828,249	1,603,880	47,319,515	1,391,750

[C]Known or suspect carcinogens [M] Metals and metal compounds [O]Ozone depleters

* Refer to Section III for a discussion of the TRI data and its limitations, methodology used to obtain this data, definitions of the column headings, and the definitions of carcinogens, metals, and ozone depleters.

**Total number of facilities (not chemical reports) reporting to TRI in this industry sector.

Ten Largest Volume TRI Releasing Plastic Resin Manufacturing Facilities Reporting Only SIC 2821*		
Rank	**Facility[1]**	**Total Releases in Pounds**
1	BP Chemicals Inc. - Lima, OH	13,566,795
2	GE Plastics Co. - Mount Vernon, IN	3,446,425
3	Rexene Corp. - Odessa, TX	2,558,214
4	Quantum Chemical Corp. - Clinton, IA	2,508,685
5	Du Pont - Washington, WV	2,281,027
6	Quantum Chemical Corp. - La Porte, TX	2,225,186
7	GE Co. - Waterford, NY	2,219,600
8	Shell Chemical Co. - Apple Grove, WV	1,529,579
9	Carolina Eastman Div. - Columbia, SC	1,487,312
10	Exxon Chemical Co. - Baton Rouge, LA	1,088,290

Source: USEPA 1995 Toxics Release Inventory Database.
*Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Ten Largest Volume TRI Releasing Facilities*.

Ten Largest Volume TRI Releasing Facilities Reporting Only SIC 2821 (Plastic Resin Manufacturing) or SIC 2821 and Other SIC Codes*			
Rank	**Facility[1]**	**SIC Codes Reported in TRI**	**Total Releases in Pounds**
1	Monsanto Co. - Cantonment, FL	2821, 2824, 2824, 2869, 2865	18,058,737
2	BP Chemicals Inc. - Lima, OH	2821, 2869	13,566,795
3	Tennessee Eastman Div. - Kingsport, TN	2821, 2823, 2869, 2865, 2893	7,341,378
4	Dow Chemical Co. - Freeport, TX	2821, 2812, 2813, 2819, 2822, 2865	5,593,977
5	Shell Oil Co. - Deer Park, TX	2821, 2911, 2869, 2865	4,513,517
6	Eastman Chemical Co. - Longview, TX	2821, 2869	3,908,702
7	Du Pont - Leland, NC	2821, 2865, 2824	3,653,612
8	GE Plastics Co. - Mount Vernon, IN	2821	3,446,425
9	Union Camp Corp. - Savannah, GA	2821, 2611, 2631 2653	3,121,612
10	ELF Atochem N.A. Inc. - Calvert City, KY	2821, 2869, 2819	3,082,676

Source: USEPA 1995 Toxics Release Inventory Database.
*Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Ten Largest Volume TRI Releasing Facilities*.

[1] Being included on this list does not mean that the release is associated with non-compliance with environmental laws.

Ten Largest Volume TRI Releasing Man-made Fiber Manufacturing Facilities Reporting Only SIC 2823 and 2824*		
Rank	**Facility[2]**	**Total Releases in Pounds**
1	Lenzing Fibers Corp. - Lowland, TN	23,231,860
2	North American Rayon Corp. - Elizabethton, TN	2,960,770
3	Hoechst Celanese Corp. - Salisbury, NC	303,935
4	Globe Manufacturing Co. - Gastonia, NC	272,036
5	Allied Signal Inc. - Chesterfield, VA	197,605
6	Cytec Industries Inc. - Milton, FL	125,116
7	Allied Signal Inc. - Hopewell, VA	44,400
8	Hispan Corporation - Decatur, AL	4,668
9	Globe Elastic Co. Inc. - Tuscaloosa, AL	112
10	Polyloom Corp. of America - Dayton, TN	17

Source: U.S. EPA, Toxics Release Inventory Database, 1995.
*Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Ten Largest Volume TRI Releasing Facilities*.

Ten Largest Volume TRI Releasing Facilities Reporting Only SIC 2823 and 2824 (Man-made Fiber Manufacturing) or SIC 2823 and 2824 and Other SIC Codes*			
Rank	**Facility[1]**	**SIC Codes Reported in TRI**	**Total Releases in Pounds**
1	Courtaulds Fibers Inc. - Axis, AL	2823, 2819	34,018,200
2	Lenzing Fibers Corp. - Lowland, TN	2823	23,231,860
3	Monsanto Co. - Cantonment, FL	2824, 2869, 2821, 2865	18,058,737
4	Tennessee Eastman Div. - Kingsport, TN	2823, 2821, 2869, 2865, 2893	7,481,378
5	Du Pont - Leland, NC	2824, 2865, 2821	3,653,612
6	North American Rayon Corp. - Elizabethton, TN	2823	2,960,770
7	Du Pont - Washington, WV	2824, 2821, 2869	2,281,027
8	Monsanto Co. - Decatur, AL	2824, 2869	1,580,530
9	Du Pont - Camden, SC	2824, 2821	1,105,503
10	Du Pont - Seaford, DE	2824, 2821	774,488

Source: U.S. EPA, Toxics Release Inventory Database, 1995.
*Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Ten Largest Volume TRI Releasing Facilities*.

[2] Being included on this list does not mean that the release is associated with non-compliance with environmental laws.

Source Reduction and Recycling Activity for the Plastic Resin Industry (SIC 2821) as Reported Within TRI*

A	B	C	On-Site			Off-Site			J
			D	E	F	G	H	I	
Year	Quantity of Production-Related Waste (10^6 lbs.)[a]	% Released and Transferred[b]	% Recycled	% Energy Recovery	% Treated	% Recycled	% Energy Recovery	% Treated	% Released and Disposed Off-Site[c]
1994	4,116	5%	24%	12%	43%	2%	7%	4%	9%
1995	1,363	19%	39%	12%	31%	6%	4%	3%	5%
1996	1,448	---	36%	16%	28%	7%	4%	2%	7%
1997	1,432	---	37%	15%	28%	7%	4%	2%	7%

Source: *U.S. EPA, Toxic Release Inventory Database, 1995.*
* Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Source Reduction and Recycling Activity*.
[a] Within this industry sector, non-production related waste < 1% of production related wastes for 1995.
[b] Total TRI transfers and releases as reported in Section 5 and 6 of Form R as a percentage of production related wastes.
[c] Percentage of production related waste released to the environment and transferred off-site for disposal.

Source Reduction and Recycling Activity for the Man-made Fiber Industry (SIC 2823, 2824) as Reported Within TRI*

A	B	C	On-Site			Off-Site			J
			D	E	F	G	H	I	
Year	Quantity of Production-Related Waste (10^6 lbs.)[a]	% Released and Transferred[b]	% Recycled	% Energy Recovery	% Treated	% Recycled	% Energy Recovery	% Treated	% Released and Disposed Off-Site[c]
1994	634	21%	23%	1%	56%	8%	1%	0%	13%
1995	689	21%	31%	1%	48%	6%	0%	0%	14%
1996	814	---	44%	1%	40%	5%	0%	0%	11%
1997	908	---	50%	1%	36%	4%	0%	0%	9%

Source: *U.S. EPA, Toxic Release Inventory Database, 1995.*

* Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Source Reduction and Recycling Activity*.
[a] Within this industry sector, non-production related waste < 1% of production related wastes for 1995.
[b] Total TRI transfers and releases as reported in Section 5 and 6 of Form R as a percentage of production related wastes.
[c] Percentage of production related waste released to the environment and transferred off-site for disposal.

Five-Year Enforcement and Compliance Summary for the Plastic Resin and Man-made Fiber Industry*

A	B	C	D	E	F	G	H	I	J
Region	**Facilities in Search**	**Facilities Inspected**	**Number of Inspections**	**Average Months Between Inspections**	**Facilities with 1 or More Enforcement Actions**	**Total Enforcement Actions**	**Percent State Lead Actions**	**Percent Federal Lead Actions**	**Enforcement to Inspection Rate**
I	24	16	73	20	4	8	50%	50%	0.11
II	31	30	366	5	17	52	81%	19%	0.14
III	38	36	418	5	10	21	90%	10%	0.05
IV	90	78	864	6	22	46	78%	22%	0.05
V	55	40	311	11	5	9	67%	33%	0.03
VI	51	43	309	10	28	76	71%	29%	0.25
VII	6	5	20	18	1	1	0%	100%	0.05
VIII	4	1	11	22	1	1	100%	0%	0.09
IX	25	10	41	37	4	3	100%	0%	0.07
X	5	4	17	18	1	2	100%	0%	0.12
TOTAL	329	263	2,430	8	93	219	76%	24%	0.09

*Data obtained from EPA's Integrated Data for Enforcement Analysis (IDEA) System. For a description of IDEA and the methods used to obtain this data, refer to Section II.C. A discussion of this table can be found under the heading, *Five-Year Enforcement and Compliance Summary*, in Section III.