

Substances Covered by PRTR (Amount Handled, Amount Released, etc.)

Unit: t/year

FY2005 PRTR Data (in descending order according to the amount handled (0.1 t or more))

Substance number specified by the law	Substance name	CAS number	Amount handled	Amount released				Amount released	Transfer		Amount transferred	Amount consumed	Amount removed and treated	Amount recycled
				Release to atmosphere	Release to public water systems	Release to soil	On-site landfill		Transfer as waste	Transfer to sewage				
283	Hydrogen fluoride and its water-soluble salts	Group	2718.76	6.30	61.16	0.00	0.00	67.45	95.08	19.90	114.98	1203.94	1331.64	0.75
16	2-aminoethanol	141-43-5	916.90	1.98	1.29	0.00	0.00	3.27	345.64	0.00	345.64	1.72	184.85	381.42
311	Manganese and its compounds	Group	695.40	0.00	0.08	0.00	0.00	0.08	5.68	0.00	5.68	689.29	0.00	0.35
231	Nickel	7440-02-0	515.24	0.00	0.49	0.00	0.00	0.49	1.13	0.00	1.13	311.82	0.01	201.80
338	Methyl-1,3-phenylene diisocyanate	26471-62-5	327.15	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.43	326.72	0.00	0.00
63	Xylene	1330-20-7	216.25	126.68	0.00	0.00	0.00	126.68	34.07	0.01	34.08	13.76	2.33	39.39
346	Molybdenum and its compounds	Group	202.36	0.00	0.12	0.00	0.00	0.12	0.70	0.02	0.72	181.12	1.54	18.86
230	Lead and its compounds	Group	178.90	0.01	0.00	0.00	0.00	0.01	18.15	0.02	18.18	139.34	0.00	21.38
304	Boron and its compounds	Group	137.82	0.07	0.21	0.00	0.00	0.29	25.93	0.14	26.07	110.04	1.18	0.24
25	Antimony and its compounds	Group	105.44	0.00	0.00	0.00	0.00	0.00	30.70	0.00	30.70	69.06	0.00	5.68
227	Toluene	108-88-3	100.59	67.01	0.00	0.00	0.00	67.01	13.02	0.00	13.02	14.57	4.85	1.15
30	Polymer of 4,4'-isopropylidenediphenol and 1-chloro-2,3-epoxypropane (liquid)	25068-38-6	99.88	0.85	0.00	0.00	0.00	0.85	17.79	0.00	17.79	63.79	17.21	0.24
217	Trichlorofluoromethane	75-69-4	83.65	0.75	0.00	0.00	0.00	0.75	51.30	0.00	51.30	0.00	31.60	0.00
85	Chlorodifluoromethane	75-45-6	74.23	1.14	0.00	0.00	0.00	1.14	22.38	0.00	22.38	9.11	41.60	0.00
243	Barium and its water-soluble compounds	Group	73.15	0.00	0.00	0.00	0.00	0.00	16.50	0.00	16.50	56.54	0.00	0.12
43	Ethylene glycol	107-21-1	67.76	1.23	0.05	0.00	0.00	1.28	16.61	0.00	16.61	47.14	0.51	2.23
177	Styrene	100-42-5	63.57	5.61	0.00	0.00	0.00	5.61	0.85	0.00	0.85	34.82	21.83	0.45
68	Chromium and chromium (III) compounds	Group	55.64	0.00	0.01	0.00	0.00	0.01	0.02	0.00	0.02	35.11	0.03	20.48
202	Tetrahydroethylphthalic anhydride	11070-44-3	53.01	0.00	0.00	0.00	0.00	0.00	6.83	0.00	6.83	42.14	4.04	0.00
260	Pyrocatechol	120-80-9	47.31	0.00	0.00	0.00	0.00	0.00	41.70	0.00	41.70	0.00	5.59	0.01
40	Ethylbenzene	100-41-4	38.35	29.36	0.00	0.00	0.00	29.36	7.32	0.00	7.32	0.78	0.58	0.31
29	4,4'-Isopropylidenediphenol; Bisphenol A	80-05-7	38.22	0.89	0.00	0.00	0.00	0.89	1.64	0.00	1.64	28.94	0.00	6.76
100	Cobalt and its compounds	Group	20.69	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.22	14.78	0.00	5.69
121	Dichlorodifluoromethane	75-71-8	20.10	0.00	0.00	0.00	0.00	0.00	12.30	0.00	12.30	0.00	7.80	0.00
235	Nitroglycol	628-96-6	14.99	1.20	0.00	0.00	0.00	1.20	13.79	0.00	13.79	0.00	0.00	0.00
307	Poly (oxyethylene) alkyl ether (alkyl C=12-15)	Group	9.63	0.00	0.01	0.00	0.00	0.01	8.00	0.06	8.06	0.29	1.27	0.00
64	Silver and its water-soluble compounds	Group	9.07	0.00	0.00	0.00	0.00	0.00	1.31	0.01	1.32	7.08	0.05	0.62
207	Copper salts (water-soluble, except complex salts)	Group	8.52	0.00	0.00	0.00	0.00	0.00	3.63	0.00	3.63	4.88	0.00	0.00
218	1,3,5-tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	2451-62-9	8.49	0.00	0.00	0.00	0.00	0.00	1.80	0.00	1.80	6.69	0.00	0.00
224	1,3,5-trimethylbenzene	108-67-8	8.29	2.98	0.00	0.00	0.00	2.98	4.64	0.00	4.64	0.00	0.65	0.02
312	Phthalic anhydride	85-44-9	8.06	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.39	2.46	5.21	0.00
232	Nickel compounds	Group	7.90	0.00	0.01	0.00	0.00	0.01	0.15	0.00	0.15	4.90	0.02	2.81
252	Arsenic and its inorganic compounds	Group	7.08	0.00	0.00	0.00	0.00	0.00	2.20	0.00	2.20	4.85	0.02	0.00
24	transylenzenesulfonic acid and its salts (alkyl C=12-15)	Group	5.36	0.00	0.00	0.00	0.00	0.00	5.03	0.00	5.03	0.33	0.00	0.00
253	Hydrazine	302-01-2	5.20	0.05	2.18	0.00	0.00	2.23	0.05	2.18	2.23	4.93	2.36	0.00
340	4,4'-methylenedianiline	101-77-9	5.02	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.10	4.92	0.00	0.00
310	Formaldehyde	50-00-0	3.67	0.75	0.00	0.00	0.00	0.75	0.49	0.00	0.49	1.23	1.20	0.00
108	Inorganic cyanide compounds (except complex salt and cyanates)	Group	3.58	0.12	0.00	0.00	0.00	0.12	2.08	0.00	2.08	0.02	0.99	0.38
1	Zinc compounds (water-soluble)	Group	3.21	0.00	0.14	0.00	0.00	0.14	0.50	0.07	0.57	1.69	0.79	0.02
69	Chromium (VI) compounds	Group	2.71	0.06	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.04	2.59	0.02
266	Phenol	108-95-2	1.95	0.05	0.00	0.00	0.00	0.05	1.57	0.00	1.57	0.32	0.00	0.02
175	Mercury and its compounds	Group	1.79	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.26	1.24	0.00	0.29
44	Ethylene glycol monoethyl ether	110-80-5	1.73	1.73	0.00	0.00	0.00	1.73	0.00	0.00	0.00	0.00	0.00	0.00
258	Piperazine	110-85-0	1.16	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00	1.12	0.00
102	Vinyl acetate	108-05-4	1.03	1.03	0.00	0.00	0.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00
198	1,3,5,7-tetraazatricyclo[3.3.1.1 <sup>3,7</sup> ]decane	100-97-0	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.04
308	Poly (oxyethylene) octylphenyl ether	9036-19-5	0.72	0.00	0.01	0.00	0.00	0.01	0.37	0.00	0.37	0.00	0.03	0.31
47	Ethylenediaminetetraacetic acid	60-00-4	0.68	0.00	0.67	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.00	0.00
309	Poly (oxyethylene) nonylphenyl ether	9016-45-9	0.60	0.01	0.18	0.00	0.00	0.19	0.00	0.08	0.08	0.10	0.11	0.12
299	Benzene	71-43-2	0.58	0.34	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.24	0.00	0.00
270	Di-n-butyl phthalate	84-74-2	0.46	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.08	0.33	0.01
173	Ethyl 2-[(dimethoxyphosphinothioyl)thio]-2-phenylacetate	254-64-2	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00
101	2-Ethoxyethyl acetate	111-15-9	0.25	0.22	0.00	0.00	0.00	0.22	0.03	0.00	0.03	0.00	0.00	0.00
95	Chloroform	67-66-3	0.22	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.22	0.00	0.00	0.00
114	Cyclohexylamine	108-91-8	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00
172	N,N-dimethylformamide	68-12-2	0.18	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.05	0.13	0.00	0.00
67	Cresol	1319-77-3	0.16	0.14	0.00	0.00	0.00	0.14	0.02	0.00	0.02	0.00	0.00	0.00
11	Acetaldehyde	75-07-0	0.16	0.16	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
272	Bis (2-ethylhexyl) phthalate	117-81-7	0.10	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.09	0.00	0.00	0.00