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

Unit: t/year

FY2006 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 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	3487.48	13.85	66.69	0.00	0.00	80.53	78.22	45.58	123.80	381.30	2901.07	0.77
16	2-Aminoethanol	141-43-5	1052.79	2.02	1.49	0.00	0.00	3.51	408.00	0.00	408.00	1.65	168.96	470.67
311	manganese and its compounds	Metal compounds	856.84	0.00	0.16	0.00	0.00	0.16	4.59	0.00	4.59	851.60	0.00	0.49
346	molybdenum and its compounds	Metal compounds	287.53	0.00	0.12	0.00	0.00	0.13	0.75	0.08	0.83	262.31	1.03	23.23
63	Xylene	1330-20-7	230.37	133.57	0.00	0.00	0.00	133.57	34.36	0.02	34.38	30.45	5.31	26.67
338	methyl-1,3-phenylene diisocyanate	26471-62-5	173.51	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.55	172.96	0.00	0.00
304	boron and its compounds	Metal compounds	157.07	0.10	0.16	0.00	0.00	0.26	29.19	0.05	29.24	126.30	1.02	0.24
227	Toluene	108-88-3	136.21	84.00	0.00	0.00	0.00	84.00	21.56	0.00	21.56	21.00	8.63	1.06
30	Polymer of 4,4'-isopropylidenediphenol and 1-chloro-2,3-epoxypropane (liquid)	25068-38-6	103.05	0.17	0.00	0.00	0.00	0.17	11.12	0.00	11.12	62.15	29.30	0.32
25	Antimony and its compounds	Metal compounds	97.81	0.00	0.00	0.00	0.00	0.00	29.10	0.00	29.10	62.39	0.08	6.24
243	barium and its water-soluble compounds	Metal compounds	85.61	0.00	0.00	0.00	0.00	0.00	19.68	0.00	19.68	65.27	0.00	0.65
68	Chromium and chromium(Ⅲ) compounds	Metal compounds	82.03	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.01	81.90	0.00	0.11
217	trichlorofluoromethane	75-69-4	82.03	0.02	0.00	0.00	0.00	0.02	82.01	0.00	82.01	0.00	0.00	0.00
230	lead and its compounds	Metal compounds	81.12	0.00	0.00	0.00	0.00	0.00	3.76	0.00	3.76	70.75	0.00	6.60
85	Chlorodifluoromethane	75-45-6	69.52	1.89	0.00	0.00	0.00	1.89	64.48	0.00	64.48	3.42	0.00	0.00
177	Styrene	100-42-5	64.82	5.71	0.00	0.00	0.00	5.71	2.67	0.00	2.67	37.12	19.29	0.03
260	pyrocatechol	120-80-9	59.34	0.00	0.00	0.00	0.00	0.00	51.91	0.00	51.91	0.00	7.43	0.00
40	Ethylbenzene	100-41-4	47.12	35.77	0.00	0.00	0.00	35.77	7.85	0.00	7.85	1.88	1.22	0.38
202	tetrahydromethylphthalic anhydride	11070-44-3	40.64	0.00	0.00	0.00	0.00	0.00	3.20	0.00	3.20	35.71	1.72	0.01
29	4,4'-Isopropylidenediphenol; Bisphenol A	80-05-7	28.52	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.38	28.14	0.00	0.00
121	Dichlorodifluoromethane	75-71-8	20.14	0.00	0.00	0.00	0.00	0.00	20.10	0.00	20.10	0.04	0.00	0.00
43	Ethylene glycol	107-21-1	18.74	0.01	0.01	0.00	0.00	0.03	13.78	0.00	13.78	3.80	1.02	0.12
100	Cobalt and its compounds	Metal compounds	17.05	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	12.66	0.00	4.35
252	arsenic and its inorganic compounds	Metal compounds	11.25	0.00	0.00	0.00	0.00	0.00	2.94	0.00	2.94	8.29	0.02	0.00
207	copper salts (water-soluble, except complex salts)	Metal compounds	9.99	0.00	0.00	0.00	0.00	0.00	4.47	0.00	4.47	5.52	0.00	0.00
64	Silver and its water-soluble compounds	Metal compounds	8.61	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.52	7.31	0.00	0.79
312	phthalic anhydride	85-44-9	8.43	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.20	1.81	6.38	0.03
224	1,3,5-trimethylbenzene	108-67-8	8.04	2.58	0.00	0.00	0.00	2.58	4.82	0.00	4.82	0.00	0.64	0.01
231	nickel	7440-02-0	7.77	0.00	0.01	0.00	0.00	0.01	0.08	0.00	0.08	7.00	0.00	0.69
307	poly(oxyethylene) alkyl ether (alkyl C=12-15)	Group	7.17	0.00	0.00	0.00	0.00	0.00	6.85	0.00	6.85	0.28	0.03	0.00
232	nickel compounds	Metal compounds	6.78	0.00	0.01	0.00	0.00	0.01	0.13	0.00	0.13	4.76	0.03	1.86
24	n-Alkylbenzenesulfonic acid and its salts (alkyl C=10-14)	Group	5.99	0.00	0.00	0.00	0.00	0.00	5.61	0.00	5.61	0.38	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	5.72	0.00	0.00	0.00	0.00	0.00	1.19	0.00	1.19	4.53	0.00	0.00
253	Hydrazine	302-01-2	3.64	0.10	0.00	0.00	0.00	0.10	0.09	0.00	0.09	0.32	3.13	0.00
340	4,4'-methylenedianiline	101-77-9	3.46	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.07	3.39	0.00	0.00
1	zinc compounds (water-soluble)	Metal compounds	3.29	0.00	0.14	0.00	0.00	0.14	0.82	0.24	1.06	1.43	0.64	0.01
310	Formaldehyde	50-00-0	2.97	0.48	0.00	0.00	0.00	0.48	0.05	0.00	0.05	1.25	1.20	0.00
266	Phenol	108-95-2	2.08	0.04	0.00	0.00	0.00	0.04	1.74	0.00	1.74	0.29	0.00	0.02
44	Ethylene glycol monoethyl ether	110-80-5	2.07	2.04	0.00	0.00	0.00	2.04	0.03	0.00	0.03	0.00	0.00	0.00
108	Inorganic cyanide compounds (except complex salts and cyanates)	Group	1.55	0.06	0.00	0.00	0.00	0.06	0.55	0.00	0.55	0.00	0.61	0.33
175	mercury and its compounds	Metal compounds	1.28	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.15	1.10	0.00	0.04
258	piperazine	110-85-0	1.02	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.99	0.00
47	Ehylenediaminetetraacetic acid	60-00-4	0.84	0.00	0.84	0.00	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00
67	Cresol	1319-77-3	0.80	0.12	0.00	0.00	0.00	0.12	0.68	0.00	0.68	0.00	0.00	0.00
309	poly(oxyethylene) nonylphenyl ether	9016-45-9	0.69	0.09	0.29	0.00	0.00	0.37	0.02	0.08	0.09	0.00	0.11	0.12
198	1,3,5,7-tetraazatricyclo[3.3.1.13.7]decane	100-97-0	0.68	0.07	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.57	0.00	0.03
308	poly(oxyethylene) octylphenyl ether	9036-19-5	0.60	0.00	0.01	0.00	0.00	0.01	0.22	0.00	0.22	0.00	0.00	0.36
299	Benzene	71-43-2	0.44	0.05	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.39	0.00	0.00
172	N,N-dimethylformamide	68-12-2	0.35	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.08	0.28	0.00	0.00
320	Methyl methacrylate	80-62-6	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00
145	Dichloromethane	75-09-2	0.32	0.03	0.00	0.00	0.00	0.03	0.29	0.00	0.29	0.00	0.00	0.00
173	ethyl 2-[(dimethoxyphosphinothioyl)thio]-2-phenylacetate	254-64-2	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00
101	2-Ethoxyethyl acetate	111-15-9	0.24	0.21	0.00	0.00	0.00	0.21	0.03	0.00	0.03	0.00	0.00	0.00
114	Cyclohexylamine	108-91-8	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00
270	di-n-butyl phthalate	84-74-2	0.18	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.07	0.05	0.01
95	Chloroform	67-66-3	0.11	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.11	0.00	0.00	0.00
109	2-(Diethylamino)ethanol	100-37-8	0.10	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00