

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

Unit: t/year

FY2010 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					
410	Hydrogen fluoride and its water-soluble salts	Group	5878.79	3.79	64.46	0.00	0.00	68.25	61.38	7.54	68.92	2196.57	3160.69	384.35	
448	Methylenebis(4,1-phenylene) diisocyanate	101-68-8	3688.80	0.08	0.00	0.00	0.00	0.08	0.00	0.00	0.00	3688.71	0.00	0.00	
307	Zirconium dichloride oxide	7699-43-6	3567.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3567.03	0.00	0.00	
71	Trichloroiron(III)	7705-08-0	776.30	0.00	0.00	0.00	0.00	0.00	32.53	0.04	32.58	0.17	743.56	0.00	
298	Toluene diisocyanate	26471-62-5	668.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	668.14	0.00	0.00	
80	Xylene	1330-20-7	337.43	124.22	0.00	0.00	0.00	124.22	36.10	0.00	36.10	10.83	102.64	63.64	
20	2-Aminoethanol	141-43-5	267.53	0.42	0.71	0.00	0.00	1.13	79.83	0.02	79.85	0.39	66.28	119.88	
395	Peroxydisulfate wter souble salts	Group	165.99	0.00	0.00	0.00	0.00	0.00	9.53	0.00	9.53	0.00	156.45	0.00	
265	Tetrahydromethylphthalic anhydride	11070-44-3	148.38	0.10	0.00	0.00	0.00	0.10	5.98	0.00	5.98	142.30	0.00	0.00	
300	Toluene	108-88-3	109.63	75.74	0.00	0.00	0.00	75.74	9.84	0.00	9.84	8.57	15.36	0.13	
412	Manganese and its compounds	Metal compounds	100.63	0.00	0.08	0.00	0.00	0.08	2.94	0.00	2.94	97.06	0.08	0.47	
309	Nickel compounds	Metal compounds	88.65	0.08	0.22	0.00	0.00	0.30	4.80	0.00	4.80	82.52	0.38	0.65	
104	Chlorodifluoromethane ; HCFC-22	75-45-6	80.90	1.50	0.00	0.00	0.00	1.50	79.10	0.00	79.10	0.30	0.00	0.00	
453	Molybdenum and its compounds	Metal compounds	70.33	0.00	0.07	0.00	0.00	0.07	0.31	0.07	0.39	48.99	0.76	20.12	
31	Antimony and its compounds	Metal compounds	66.71	0.00	0.00	0.00	0.00	0.00	20.25	0.00	20.25	44.14	0.00	2.32	
288	Trichlorofluoromethane; CFC-11	75-69-4	56.84	0.00	0.00	0.00	0.00	0.00	56.84	0.00	56.84	0.00	0.00	0.00	
405	Boron compounds	Metal compounds	48.68	0.02	0.08	0.00	0.00	0.11	10.54	0.02	10.56	37.06	0.73	0.22	
53	Boron compounds	100-41-4	46.58	29.39	0.00	0.00	0.00	29.39	7.64	0.00	7.64	0.98	8.57	0.00	
240	Styrene	100-42-5	43.71	6.58	0.00	0.00	0.00	6.58	2.69	0.00	2.69	22.54	11.90	0.00	
213	N,N-Dimethylacetamide	127-19-5	33.98	0.28	0.00	0.00	0.00	0.28	31.62	0.00	31.62	0.00	0.21	1.87	
87	Chromium and chromium(III) compounds	Metal compounds	31.43	0.30	0.11	0.00	0.00	0.41	30.33	0.00	30.33	0.66	0.00	0.03	
413	Phthalic anhydride	85-44-9	25.20	0.12	0.00	0.00	0.00	0.12	0.35	0.00	0.35	23.69	1.05	0.00	
330	Bis(1-methyl-1-phenylethyl)=peroxide	80-43-3	22.05	5.12	0.00	0.00	0.00	5.12	15.81	0.00	15.81	1.13	0.00	0.00	
308	Nickel	7440-02-0	18.33	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	18.01	0.00	0.30	
132	Cobalt and its compounds	Metal compounds	13.69	0.00	0.00	0.00	0.00	0.00	4.46	0.00	4.46	8.70	0.01	0.53	
272	Copper salts (water-soluble, except complex salts)	Metal compounds	13.42	0.00	0.12	0.00	0.00	0.12	12.37	0.48	12.85	0.45	0.00	0.00	
296	1,2,4-Trimethylbenzene	95-63-6	13.21	1.61	0.00	0.00	0.00	1.61	3.73	0.00	3.73	0.05	0.42	7.40	
304	Lead	Metal compounds	11.63	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.49	9.92	0.00	1.21	
262	Tetrachloroethylene	127-18-4	9.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.57	0.00	0.00	
161	Dichlorodifluoromethane; CFC-12	75-71-8	9.00	0.00	0.00	0.00	0.00	0.00	9.00	0.00	9.00	0.00	0.00	0.00	
343	Pyrocatechol; Catechol	120-80-9	8.50	0.00	0.00	0.00	0.00	0.00	7.76	0.00	7.76	0.00	0.73	0.00	
438	Methylnaphthalene	1321-94-4	7.29	0.15	0.00	0.00	0.00	0.15	6.50	0.00	6.50	0.00	0.65	0.00	
455	Morpholine	110-91-8	6.92	0.00	0.04	0.00	0.00	0.04	0.07	0.00	0.07	2.31	4.51	0.00	
82	Silver and its water-soluble compounds	Metal compounds	6.69	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.50	5.84	0.00	0.34	
297	1,3,5-Trimethylbenzene	108-67-8	6.31	1.97	0.00	0.00	0.00	1.97	2.56	0.00	2.56	0.01	0.25	1.51	
420	Methyl methacrylate	80-62-6	5.29	5.29	0.00	0.00	0.00	5.29	0.00	0.00	0.00	0.00	0.00	0.00	
340	Biphenyl	92-52-4	5.20	0.00	0.00	0.00	0.00	0.00	1.17	0.00	1.17	4.03	0.00	0.00	
37	4,4'-Isopropylidenediphenol; Bisphenol A	80-05-7	5.17	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	5.16	0.00	0.00	
384	1-Bromopropane	106-94-5	5.00	5.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	
291	1,3,5-Tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	2451-62-9	4.86	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.97	3.88	0.00	0.00	
446	4,4'-Methylenedianiline	101-77-9	4.11	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.09	4.03	0.00	0.00	
411	Formaldehyde	50-00-0	3.85	0.64	0.00	0.00	0.00	0.64	0.05	0.00	0.05	2.22	0.95	0.00	
30	n-alkylbenzenesulfonic acid and its salts (alkyl C=10-14)	Group	3.62	0.00	0.00	0.00	0.00	0.00	3.62	0.00	3.62	0.00	0.00	0.00	
392	n-Hexane	110-54-3	3.19	3.06	0.00	0.00	0.00	3.06	0.12	0.00	0.12	0.00	0.00	0.00	
302	Naphthalene	91-20-3	3.01	0.33	0.00	0.00	0.00	0.33	2.16	0.00	2.16	0.00	0.51	0.00	
407	Poly(oxyethylene) alkyl ether (alkyl C=12-15)	Group	2.96	0.00	0.00	0.00	0.00	0.00	2.56	0.00	2.56	0.01	0.02	0.36	
305	Lead compounds	Metal compounds	2.64	0.00	0.10	0.00	0.00	0.10	0.31	0.00	0.31	2.20	0.00	0.02	
341	Piperazine	110-85-0	2.49	0.00	0.60	0.00	0.00	0.60	1.37	0.00	1.37	0.00	0.52	0.00	
400	Benzene	71-43-2	2.45	0.06	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.36	2.03	0.00	
1	Zinc compounds (water-soluble)	Metal compounds	2.32	0.00	0.40	0.00	0.00	0.40	0.29	0.12	0.41	1.06	0.45	0.00	
409	Poly(oxy-1,2-ethanediyl), alpha.-sulfo.-omega.-(dodecyl)-, sodium salt	9004-82-4	2.04	0.00	0.00	0.00	0.00	0.00	2.00	0.03	2.03	0.00	0.01	0.00	
349	Phenol	108-95-2	1.97	0.25	0.00	0.00	0.00	0.25	1.57	0.14	1.70	0.02	0.00	0.00	
366	tert-Butyl hydroperoxide	75-91-2	1.97	1.91	0.00	0.00	0.00	1.91	0.06	0.00	0.06	0.00	0.00	0.00	
57	Ethylene glycol monoethyl ether	110-80-5	1.89	1.65	0.00	0.00	0.00	1.65	0.01	0.00	0.01	0.22	0.00	0.00	
164	2,2-Dichloro-1,1,1-trifluoroethane	306-83-2	1.87	0.18	0.00	0.00	0.00	0.18	1.69	0.00	1.69	0.00	0.00	0.00	
277	Triethylamine	121-44-8	0.94	0.79	0.00	0.00	0.00	0.79	0.14	0.00	0.14	0.00	0.00	0.00	
359	n-Butyl-2,3-epoxypropylether	2426-08-6	0.78	0.43	0.00	0.00	0.00	0.43	0.35	0.00	0.35	0.00	0.00	0.00	
258	1,3,5,7-Tetraazatricyclo[3.3.1.1.3.7]decane; Hexamethylenetetramine	100-97-0	0.64	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.23	0.41	0.00	0.00	