



**DETAILED DATA TABLE FOR THE
2011 PRIORITY LIST OF HAZARDOUS SUBSTANCES
THAT WILL BE THE SUBJECT OF TOXICOLOGICAL PROFILES**

This detailed data table for the ATSDR 2011 Priority List of Hazardous Substance (also called the Substance Priority List) provides a breakdown of the components that determine the total point scores used to rank candidate substances for the list. For information on the Substance Priority List (SPL) and how its components are derived, see www.atsdr.cdc.gov/SPL. The SPL Resource webpage includes the Support Document to the list, and a spreadsheet with the listing data in numeric format containing additional supporting information, such as the standard deviations for geometric means, number of data points in the means, and the number of sites from which the concentration data was collected.

Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
0	1	1	ARSENIC	007440-38-2	1665	1123	535	1	600	6E-02	5E+01	9E-05	7E-02	7E-02	242	502	719	1791	1	288
0	2	2	LEAD	007439-92-1	1529	1259	600	10	400	1E-01	9E+02	3E-03	3E-01	3E-02	229	571	843	2397	1	300
0	3	3	MERCURY	007439-97-6	1461	829	395	1	600	3E-03	3E+00	3E-03	5E-02	5E-02	237	167	302	640	1	229
0	4	4	VINYL CHLORIDE	000075-01-4	1361	591	282	1	600	6E-02	1E+00	9E-03	2E-01	2E-01	259	119	139	410	1	221
0	5	5	POLYCHLORINATED BIPHENYLS	001336-36-3	1344	543	259	1	600	1E-02	9E+01	1E-03	5E-02	5E-02	237	274	368	884	1	248
0	6	6	BENZENE	000071-43-2	1332	968	461	10	400	6E-02	1E+00	3E-02	5E-01	5E-02	236	197	302	936	1	234
0	7	7	CADMIUM	007440-43-9	1319	994	474	10	400	4E-02	2E+01	1E-04	5E-02	5E-03	196	280	469	1113	1	249
-1	9	8	BENZO(A)PYRENE	000050-32-8	1306	542	258	1	600	3E-02	7E+00	3E-04	4E-02	4E-02	231	95	239	534	1	216
+1	8	9	POLYCYCLIC AROMATIC HYDROCARBONS	130498-29-2	1282	401	191	1	600	2E-01	2E+02	1E-03	3E-01	3E-01	266	147	184	630	1	226
0	10	10	BENZO(B)FLUORANTHENE	000205-99-2	1252	448	214	1	600	3E-02	1E+01	7E-06	4E-02	4E-02	230	50	181	345	1	209
0	11	11	CHLOROFORM	000067-66-3	1207	782	373	10	400	3E-02	3E-01	7E-03	1E-01	1E-02	214	119	210	408	1	221
-2	14	12	AROCLOR 1260	011096-82-5	1190	316	151	1	600	4E-02	9E+00		4E-02	4E-02	233	36	66	168	1	206
+1	12	13	DDT, P,P'	000050-29-3	1183	372	177	1	600	8E-04	1E+01	1E-04	4E-03	4E-03	196	58	111	267	1	210
+1	13	14	AROCLOR 1254	011097-69-1	1172	322	153	1	600	4E-03	9E+00	4E-04	1E-02	1E-02	212	34	73	166	1	206
0	15	15	DIBENZO(A,H)ANTHRACENE	000053-70-3	1155	273	130	1	600	9E-03	2E+00	5E-04	2E-02	2E-02	218	41	123	202	1	207
0	16	16	TRICHLOROETHYLENE	000079-01-6	1151	1034	493	100	178	1E-01	5E+00	3E-02	5E-01	5E-03	199	466	548	1388	1	282
-1	18	17	CHROMIUM, HEXAVALENT	018540-29-9	1147	127	61	1	600	8E-01	5E+01	3E-06	8E-01	8E-01	283	16	47	92	1	203
+1	17	18	DIELDRIN	000060-57-1	1143	308	147	1	600	1E-04	9E-01	1E-04	2E-03	2E-03	185	64	83	246	1	211
0	19	19	PHOSPHORUS, WHITE	007723-14-0	1142	86	41	1	600	2E+00	1E+03	4E-02	3E+00	3E+00	300	6	21	15	1	201
-2	22	20	HEXACHLOROBUTADIENE	000087-68-3	1128	61	29	1	600	6E-01	2E+01	1E-01	2E+00	2E+00	298	8	18	37	1	201
0	21	21	DDE, P,P'	000072-55-9	1127	320	153	1	600	3E-04	2E+00	1E-05	8E-04	8E-04	167	45	90	197	1	208
+2	20	22	CHLORDANE	000057-74-9	1126	231	110	1	600	8E-04	1E+01	5E-04	1E-02	1E-02	210	39	52	146	1	207
0	23	23	COAL TAR CREOSOTE	008001-58-9	1125	49	23	1	600	7E+00	2E+01		7E+00	7E+00	300	9	8	28	1	201
-5	29	24	AROCLOR 1242	053469-21-9	1124	159	76	1	600	9E-02	2E+01		9E-02	9E-02	247	8	26	48	1	201
+1	24	25	ALDRIN	000309-00-2	1116	220	105	1	600	3E-04	9E-01	6E-04	9E-03	9E-03	208	19	39	149	1	203
+1	25	26	DDD, P,P'	000072-54-8	1114	258	123	1	600	4E-04	3E+00	8E-05	2E-03	2E-03	185	36	80	159	1	206
0	27	27	AROCLOR 1248	012672-29-6	1104	170	81	1	600	1E-02	2E+01	2E-04	2E-02	2E-02	220	19	39	98	1	203
-6	34	28	HEPTACHLOR	000076-44-8	1101	202	96	1	600	7E-05	4E-01	4E-04	7E-03	7E-03	202	15	26	73	1	202
-1	30	29	AROCLOR	012767-79-2	1099	11	5	1	600	2E+00	3E+00		2E+00	2E+00	294	1	2	5	1	200
4	26	30	BENZIDINE	000092-87-5	1091	30	14	1	600	5E-01	4E+01		5E-01	5E-01	276	1	2	13	1	200
-6	37	31	ACROLEIN	000107-02-8	1089	31	15	1	600	3E-01	1E+02	1E-02	5E-01	5E-01	274	2	6	11	1	200
+1	31	32	TOXAPHENE	008001-35-2	1088	70	33	1	600	9E-02	2E+02	1E-03	1E-01	1E-01	253	9	20	69	1	201
0	33	33	TETRACHLOROETHYLENE	000127-18-4	1077	938	447	100	178	6E-02	9E+00	2E-02	4E-01	4E-03	194	331	399	874	1	258
+2	32	34	HEXACHLOROCYCLOHEXANE, GAMMA-	000058-89-9	1075	185	88	1	600	1E-03	2E+00	5E-05	2E-03	2E-03	183	23	39	119	1	204
+7	28	35	CYANIDE	000057-12-5	1072	449	214	10	400	2E-01	3E+01	7E-02	1E+00	1E-01	252	33	80	244	1	206
0	36	36	HEXACHLOROCYCLOHEXANE, BETA-	000319-85-7	1053	158	75	1	600	1E-03	9E-01	1E-05	1E-03	1E-03	177	8	25	73	1	201
-2	39	37	BENZO(A)ANTHRACENE	000056-55-3	1048	506	241	10	400	4E-02	8E+00	8E-05	4E-02	4E-03	194	69	211	422	1	212
0	38	38	DISULFOTON	000298-04-4	1047	8	4	1	600		4E+02		8E-02	8E-02	243	1	3	5	1	200
+4	35	39	1,2-DIBROMOETHANE	000106-93-4	1042	43	20	1	600	3E-03	7E+01	2E-04	2E-02	2E-02	220	9	15	26	1	201
-1	41	40	ENDRIN	000072-20-8	1038	128	61	1	600	7E-04	1E+00	4E-05	1E-03	1E-03	177	4	19	43	1	201
-15	56	41	DIAZINON	000333-41-5	1037	25	12	1	600	3E-03	1E+02	9E-06	2E-02	2E-02	224	3	5	3	1	200
-1	43	42	HEXACHLOROCYCLOHEXANE, DELTA-	000319-86-8	1035	125	60	1	600	1E-03	4E-01	2E-06	1E-03	1E-03	175	3	18	64	1	200
+1	42	43	BERYLLIUM	007440-41-7	1033	536	255	10	400	7E-03	3E+00	5E-07	8E-03	8E-04	166	65	162	317	1	211
-10	54	44	ENDOSULFAN	000115-29-7	1028	55	26	1	600	3E-03	5E+00	1E-04	6E-03	6E-03	201	4	13	19	1	201
-3	48	45	AROCLOR 1221	011104-28-2	1027	24	11	1	600		7E+01		1E-02	1E-02	216	1	4	5	1	200

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
+2	44	46	1,2-DIBROMO-3-CHLOROPROPANE	000096-12-8	1026	18	9	1	600	3E-03	6E+01		2E-02	2E-02	217	5	7	6	1	201
+1	46	47	HEPTACHLOR EPOXIDE	001024-57-3	1021	184	88	1	600	5E-05	2E-01		8E-05	8E-05	129	30	61	99	1	205
-9	57	48	ENDOSULFAN, ALPHA	000959-98-8	1018	77	37	1	600	2E-04	8E+00		2E-03	2E-03	181	4	7	11	1	201
-10	59	49	CIS-CHLORDANE	005103-71-9	1016	77	37	1	600	2E-03	1E-01		2E-03	2E-03	178	7	29	38	1	201
+3	47	50	CARBON TETRACHLORIDE	000056-23-5	1016	408	194	10	400	3E-02	5E+00	4E-03	9E-02	9E-03	207	81	113	192	1	214
0	51	51	AROCLOR 1016	012674-11-2	1012	63	30	1	600	3E-04	8E+00		2E-03	2E-03	182	3	8	9	1	200
+3	49	52	COBALT	007440-48-4	1011	421	201	10	400	6E-02	2E+01	3E-05	6E-02	6E-03	202	50	148	215	1	209
+8	45	53	PENTACHLOROPHENOL	000087-86-5	1009	325	155	10	400	6E-01	1E+02	1E-03	7E-01	7E-02	241	77	125	283	1	213
+4	50	54	DDT, O,P'	000789-02-6	1008	8	4	1	600		4E+01		7E-03	7E-03	204	3	4	5	1	200
-6	61	55	METHOXYCHLOR	000072-43-5	1006	58	28	1	600	5E-04	6E+00		2E-03	2E-03	179	1	10	20	1	200
+1	55	56	ENDOSULFAN SULFATE	001031-07-8	1004	98	47	1	600	4E-04	2E-01	7E-07	4E-04	4E-04	157	2	10	19	1	200
+4	53	57	NICKEL	007440-02-0	999	855	407	100	178	3E-01	9E+01	5E-03	4E-01	4E-03	193	116	258	704	1	220
+6	52	58	DI-N-BUTYL PHTHALATE	000084-74-2	997	467	223	10	400	1E-02	2E+00		1E-02	1E-03	173	12	40	141	1	202
-4	63	59	ENDRIN KETONE	053494-70-5	992	58	28	1	600	6E-04	2E-01		7E-04	7E-04	164	4	17	27	1	201
0	60	60	DIBROMOCHLOROPROPANE	067708-83-2	983	13	6	1	600	1E-03			1E-03	1E-03	177	1	2	9	1	200
-1	62	61	BENZO(K)FLUORANTHENE	000207-08-9	972	395	188	10	400	1E-02	8E+00	6E-06	1E-02	1E-03	177	43	151	264	1	207
+4	58	62	XYLENES, TOTAL	001330-20-7	969	756	360	100	178	3E-01	3E+01	1E-01	2E+00	2E-02	222	50	126	536	1	209
-1	64	63	TRANS-CHLORDANE	005103-74-2	968	75	36	1	600	8E-05	8E-02		1E-04	1E-04	132	6	26	43	1	201
-3	67	64	ENDOSULFAN, BETA	033213-65-9	968	63	30	1	600	2E-05	6E-01		1E-04	1E-04	137	5	14	20	1	201
-62	127	65	CHLORPYRIFOS	002921-88-2	964	10	5	1	600	2E-04	1E+00		5E-04	5E-04	159	3	3	2	1	200
+1	65	66	CHROMIUM(VI) TRIOXIDE	001333-82-0	960	10	5	1	600	2E-01	2E+00		2E-01	2E-01	255		4	8	2	100
-1	68	67	AROCLOR 1232	011141-16-5	958	32	15	1	600		9E-01		2E-04	2E-04	143	1	2	3	1	200
-1	69	68	ENDRIN ALDEHYDE	007421-93-4	958	48	23	1	600	1E-04	9E-02		1E-04	1E-04	135	2	8	23	1	200
+3	66	69	METHANE	000074-82-8	953	108	51	10	400	5E-01		5E+02	8E+03	8E+02	300	12	18	57	1	202
-2	72	70	2-HEXANONE	000591-78-6	941	224	107	10	400	7E-02	2E-01	2E-02	4E-01	4E-02	233	9	14	40	1	201
-2	73	71	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	001746-01-6	941	130	62	1	600	6E-07	1E-02		3E-06	3E-06	74	31	45	84	1	205
+32	40	72	3,3'-DICHLOROBENZIDINE	000091-94-1	941	35	17	1	600	2E-02	7E+00		2E-02	2E-02	224		2	14	2	100
+3	70	73	BENZOFLUORANTHENE	056832-73-6	936	23	11	1	600	2E-02	2E+01		2E-02	2E-02	224		7	25	2	101
+3	71	74	TOLUENE	000108-88-3	924	990	472	1000	53	2E-01	1E+01	1E-01	2E+00	2E-03	184	86	207	869	1	215
+1	74	75	ZINC	007440-66-6	919	951	453	1000	53	2E+00	1E+03	3E-03	2E+00	2E-03	182	177	341	722	1	231
0	76	76	DI(2-ETHYLHEXYL)PHTHALATE	000117-81-7	908	749	357	100	178	5E-02	1E+01	3E-04	5E-02	5E-04	160	74	170	515	1	213
-78	155	77	PENTACHLOROBENZENE	000608-93-5	907	14	7	10	400	1E+04	5E+01		1E+04	1E+03	300	2	4	11	1	200
+1	77	78	CHROMIUM	007440-47-3	898	1108	528	5000	10	2E-01	2E+02	7E-04	3E-01	5E-05	121	221	446	1391	1	239
-2	81	79	AROCLOR 1240	071328-89-7	888	3	1	1	600		1E+01		3E-03	3E-03	187		1	1	2	100
+2	78	80	NAPHTHALENE	000091-20-3	881	640	305	100	178	1E-01	4E+01	1E-02	3E-01	3E-03	189	56	152	383	1	210
+2	79	81	1,1-DICHLOROETHENE	000075-35-4	879	610	291	100	178	3E-02	3E-01	2E-02	3E-01	3E-03	188	129	173	375	1	222
0	82	82	2,4,6-TRINITROTOLUENE	000118-96-7	878	35	17	10	400	1E-01	9E+03		2E+00	2E-01	259	12	10	75	1	202
-3	86	83	2,4,6-TRICHLOROPHENOL	000088-06-2	866	87	41	10	400	2E-01	3E+01		3E-01	3E-02	225	3	5	25	1	200
-4	88	84	BIS(2-CHLOROETHYL) ETHER	000111-44-4	866	89	42	10	400	2E-01	1E+01		2E-01	2E-02	224	1	5	28	1	200
+2	83	85	BROMODICHLOROETHANE	000683-53-4	866	6	3	10	400	3E-02		2E-01	3E+00	3E-01	263	1	3		1	200
6	80	86	METHYLENE CHLORIDE	000075-09-2	866	887	423	1000	53	1E-01	2E+00	7E-02	1E+00	1E-03	174	90	167	614	1	216
-64	151	87	DDD, O,P'	000053-19-0	866	7	3	10	400	2E+00	6E+01		2E+00	2E-01	262	1	4	7	1	200
+4	84	88	HYDRAZINE	000302-01-2	861	7	3	1	600	2E-01			2E-01	2E-01	256			3	3	1
+2	87	89	2,4-DINITROPHENOL	000051-28-5	858	65	31	10	400	3E-01	2E+02		3E-01	3E-02	227	1	2	12	1	200
-62	152	90	4,4'-METHYLENEBIS(2-CHLOROANILINE)	000101-14-4	857	4	2	10	400	2E+00	4E+01		2E+00	2E-01	255	1		8	1	200

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
+6	85	91	1,2-DICHLOROETHANE	000107-06-2	854	582	277	100	178	5E-02	2E+00	9E-03	2E-01	2E-03	181	98	134	308	1	217
+3	89	92	THIOCYANATE	000302-04-5	846	5	2	10	400	8E-01			8E-01	8E-02	243	1	1	2	1	200
0	93	93	HEXACHLOROBENZENE	000118-74-1	844	111	53	10	400	3E-02	2E+01		3E-02	3E-03	189	15	28	77	1	202
+4	90	94	ASBESTOS	001332-21-4	841	78	37	1	600						0	25	26	76	1	204
0	95	95	RADIUM-226	013982-63-3	833	65	31	1	600						0	14	84	79	1	202
+4	92	96	RDX (CYCLOTTRIMETHYLENETRINITRAMINE)	000121-82-4	832	30	14	10	400	6E-02	4E+02		2E-01	2E-02	216	9	18	53	1	201
-1	98	97	URANIUM	007440-61-1	832	60	29	1	600						0	19	53	99	1	203
+4	94	98	2,4-DINITROTOLUENE	000121-14-2	831	81	39	10	400	1E-02	1E+02		4E-02	4E-03	192	4	8	43	1	201
+3	96	99	ETHION	000563-12-2	830	9	4	10	400		1E+03		3E-01	3E-02	225	3	3	1	1	200
0	100	100	RADIUM	007440-14-4	828	50	24	1	600						0	23	16	35	1	204
-1	102	101	4,6-DINITRO-O-CRESOL	000534-52-1	827	56	27	10	400	4E-02	8E+01		6E-02	6E-03	201	1	4	11	1	200
+1	101	102	THORIUM	007440-29-1	823	44	21	1	600						0	15	61	66	1	202
+28	75	103	DIMETHYLARSINIC ACID	000075-60-5	821	7	3	1	600		8E+01		2E-02	2E-02	217			2	3	1
+13	91	104	CHLORINE	007782-50-5	821	46	22	10	400			3E-03	5E-02	5E-03	198	3	3	4	1	200
0	105	105	RADON	010043-92-2	819	31	15	1	600						0	23	18	13	1	204
+3	103	106	1,3,5-TRINITROBENZENE	000099-35-4	819	24	11	10	400	5E-02	1E+02		8E-02	8E-03	206	6	8	29	1	201
-8	115	107	HEXACHLOROXYCLOHEXANE, ALPHA-	000319-84-6	817	146	70	10	400	1E-03	3E+00	1E-05	2E-03	2E-04	144	20	36	79	1	203
+2	106	108	RADIUM-228	015262-20-1	815	31	15	1	600						0	4	37	31	1	201
+2	107	109	THORIUM-230	014269-63-7	814	27	13	1	600						0	6	40	52	1	201
+13	97	110	1,1,1-TRICHLOROETHANE	000071-55-6	812	791	377	1000	53	1E-01	2E+00	3E-02	5E-01	5E-04	160	128	247	632	1	222
+4	107	111	URANIUM-235	015117-96-1	812	24	11	1	600						0	5	18	31	1	201
+1	111	112	URANIUM-234	013966-29-5	810	19	9	1	600						0	4	14	26	1	201
0	113	113	THORIUM-228	014274-82-9	809	18	9	1	600						0	6	23	15	1	201
0	114	114	RADON-222	014859-67-7	809	17	8	1	600						0	8	20	14	1	201
-3	118	115	COAL TAR	008007-45-2	808	16	8	1	600						0	4	1	5	1	201
+17	99	116	ETHYLBENZENE	000100-41-4	808	802	382	1000	53	1E-01	1E+01	3E-02	6E-01	6E-04	163	53	131	487	1	209
+13	104	117	CHLOROBENZENE	000108-90-7	807	491	234	100	178	7E-02	2E+00	1E-02	3E-01	3E-03	187	49	84	253	1	208
+6	112	118	N-NITROSODI-N-PROPYLAMINE	000621-64-7	807	70	33	10	400	1E-02	1E+00		1E-02	1E-03	173	2	6	20	1	200
0	119	119	CHRYSOTILE ASBESTOS	012001-29-5	806	13	6	1	600						0	1	8	3	1	200
-3	123	120	METHYLMERCURY	022967-92-6	806	10	5	1	600						0	8	7	5	1	201
-1	121	120	PLUTONIUM-239	015117-48-3	806	10	5	1	600						0	8	6	20	1	201
0	122	122	POLONIUM-210	013981-52-7	806	11	5	1	600						0	3	11	5	1	200
-1	124	123	PLUTONIUM-238	013981-16-3	805	11	5	1	600						0	1	4	12	1	200
-1	125	124	LEAD-210	014255-04-0	805	10	5	1	600						0	3	5	4	1	200
-3	128	125	COPPER	007440-50-8	805	911	434	5000	10	4E-01	4E+02	9E-04	5E-01	9E-05	131	170	324	666	1	230
+17	109	126	BARIUM	007440-39-3	805	781	372	1000	53	5E-01	4E+02	1E-03	6E-01	6E-04	162	98	261	559	1	217
-4	131	127	AMOSITE ASBESTOS	012172-73-5	804	9	4	1	600						0	1	4	2	1	200
+1	126	127	PLUTONIUM	007440-07-5	804	9	4	1	600						0	1		6	1	200
+8	119	127	STRONTIUM-90	010098-97-2	804	9	4	1	600						0	1	1	7	1	200
0	130	130	RADON-220	022481-48-7	804	7	3	1	600						0	6	9	6	1	201
+2	129	131	AMERICIUM-241	086954-36-1	804	8	4	1	600						0	1	5	7	1	200
-2	134	132	TRIBUTYL TIN	000688-73-3	803	6	3	1	600						0	1	3	8	1	200
+23	110	133	FLUORANTHENE	000206-44-0	803	510	243	100	178	1E-01	2E+01	3E-05	1E-01	1E-03	177	25	93	273	1	204
-1	135	134	AZINPHOS-METHYL	000086-50-0	803	5	2	1	600						0	2		1	1	200
-3	138	135	CHLORDEZONE	000143-50-0	802	4	2	1	600						0	2	2	2	1	200

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
0	136	136	NEPTUNIUM-237	013994-20-2	802	4	2	1	600						0	1	2	10	1	200
+4	133	137	HYDROGEN CYANIDE	000074-90-8	802	6	3	10	400			1E+00	2E+01	2E+00	299		2	4	2	100
0	138	138	PLUTONIUM-240	014119-33-6	801	3	1	1	600						0	1	1		1	200
+23	116	139	1,2,3-TRICHLOROENZENE	000087-61-6	800	30	14	10	400	2E-02	2E+00		2E-02	2E-03	186	1	5	9	1	200
+23	117	140	MANGANESE	007439-96-5	799	847	404	5000	10	1E+00	1E+03	1E-03	2E+00	3E-04	152	196	348	750	1	234
0	141	141	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	000078-48-8	798	4	2	10	400		2E+02		4E-02	4E-03	196	1		1	1	200
+5	137	142	CHRYSENE	000218-01-9	793	514	245	100	178	5E-02	8E+00	6E-06	5E-02	5E-04	160	59	192	385	1	210
-79	222	143	2,4,5-TRICHLOROPHENOL	000095-95-4	790	47	22	10	400	3E+00	3E-01		3E+00	3E-01	268		4	10	2	100
+1	143	144	POLYBROMINATED BIPHENYLS	067774-32-7	784	9	4	10	400	2E-02	4E+00		2E-02	2E-03	180	1		8	1	200
+1	144	145	DICOFOL	000115-32-2	784	5	2	10	400		9E+01		2E-02	2E-03	181	3	3		1	200
-1	147	146	SELENIUM	007782-49-2	778	506	241	100	178	4E-02	5E+00	2E-05	4E-02	4E-04	154	28	97	198	1	205
+1	146	147	1,1,2,2-TETRACHLOROETHANE	000079-34-5	778	323	154	100	178	4E-02	2E+00	5E-01	7E+00	7E-02	242	21	31	77	1	204
-6	154	148	HEPTACHLORODIBENZO-P-DIOXIN	037871-00-4	774	53	25	10	400	3E-03	1E-02		3E-03	3E-04	148	2	8	34	1	200
+4	145	149	PARATHION	000056-38-2	774	20	10	10	400	1E-03	2E+01		6E-03	6E-04	163	7	6	5	1	201
+2	148	150	HEXACHLOROCYCLOHEXANE, TECHNICAL GRADE	000608-73-1	773	42	20	10	400	3E-03	2E+00	2E-07	3E-03	3E-04	153	3	4	13	1	200
+2	149	151	TRICHLOROFLUOROETHANE	027154-33-2	772	7	3	10	400	9E-03			9E-03	9E-04	169	1	1	2	1	200
+10	142	152	BROMINE	007726-95-6	770	15	7	10	400			4E-04	6E-03	6E-04	163	1	3	2	1	200
-13	166	153	HEPTACHLORODIBENZOFURAN	038998-75-3	755	45	21	10	400	1E-03	3E-02		1E-03	1E-04	134	1	7	29	1	200
+4	150	154	TRIFLURALIN	001582-09-8	754	8	4	10	400		8E+00	9E-05	3E-03	3E-04	150	4	6	3	1	201
-1	156	155	1,3-BUTADIENE	000106-99-0	750	13	6	10	400			1E-04	2E-03	2E-04	144	2	2	4	1	200
-6	162	156	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	039001-02-0	743	47	22	10	400	5E-04	2E-02		5E-04	5E-05	120	2	8	30	1	200
0	157	157	AMMONIA	007664-41-7	742	135	64	100	178	2E+01	6E+01	1E+01	2E+02	2E+00	299	5	12	50	1	201
0	158	158	2-METHYLNAPHTHALENE	000091-57-6	729	394	188	100	178	3E-02	1E+01	8E-04	5E-02	5E-04	158	31	98	213	1	205
0	159	159	1,4-DICHLOROENZENE	000106-46-7	726	321	153	100	178	3E-02	4E+00	2E-02	3E-01	3E-03	192	18	41	110	1	203
0	160	160	1,1-DICHLOROETHANE	000075-34-3	725	656	313	1000	53	4E-02	3E-01	1E-02	2E-01	2E-04	143	92	147	372	1	216
-7	168	161	2,3,4,7,8-PENTACHLORODIBENZOFURAN	057117-31-4	724	11	5	1	600		6E-04		1E-07	1E-07	18		2	4	2	100
-73	235	162	NALED	000300-76-5	721	4	2	10	400		9E-01	2E-05	4E-04	4E-05	118	2	2		1	200
-2	165	163	HEXACHLOROCYCLOPENTADIENE	000077-47-4	718	33	16	10	400		3E+02		7E-02	7E-03	202		2	8	2	100
-3	167	164	1,2-DIPHENYLDRAZINE	000122-66-7	718	26	12	10	400		1E+00		2E-04	2E-05	105	2	3	2	1	200
+2	163	165	1,1,2-TRICHLOROETHANE	000079-00-5	717	262	125	100	178	8E-02	2E+00	7E-02	1E+00	1E-02	210	22	33	97	1	204
-59	225	166	PHORATE	000298-02-2	715	6	3	10	400			2E-05	3E-04	3E-05	112	1	1		1	200
+3	164	167	TRICHLOROETHANE	025323-89-1	714	280	133	100	178	5E-02	5E+00	3E-02	6E-01	6E-03	200	16	32	69	1	203
+7	161	168	ACENAPHTHENE	000083-32-9	712	309	147	100	178	2E-01	4E+01	1E-04	2E-01	2E-03	185	10	49	144	1	202
0	169	169	TETRACHLOROBIPHENYL	026914-33-0	709	5	2	1	600			1E-06	2E-05	2E-05	106			1	3	1
-1	171	170	OXYCHLORDANE	027304-13-8	705	11	5	1	600						0		3	3	2	100
-9	180	171	PALLADIUM	007440-05-3	705	4	2	10	400			1E-05	2E-04	2E-05	103	1	4	1	1	200
+2	170	172	CRESOL, PARA-	000106-44-5	705	302	144	100	178	2E-01	6E+00		2E-01	2E-03	181	9	30	108	1	201
-1	174	173	INDENO(1,2,3-CD)PYRENE	000193-39-5	703	376	179	100	178	1E-02	5E+00	8E-06	1E-02	1E-04	137	49	158	264	1	208
-1	175	174	GAMMA-CHLORDENE	056641-38-4	702	4	2	1	600						0		1		2	100
+3	172	175	1,2-DICHLOROENZENE	000095-50-1	698	277	132	100	178	1E-01	2E+01	9E-03	3E-01	3E-03	186	12	25	88	1	202
-1	177	176	TETRACHLOROPHENOL	025167-83-3	697	15	7	10	400	1E-02	9E+01		3E-02	3E-03	190		1	4	2	100
+4	173	177	1,2-DICHLOROETHENE, TRANS-	000156-60-5	696	594	283	1000	53	2E-01	1E+00	7E-03	3E-01	3E-04	149	59	88	310	1	210
-5	183	178	CHLOROETHANE	000075-00-3	689	315	150	100	178	3E-02	5E-02	1E-03	5E-02	5E-04	159	9	33	104	1	201
-3	182	179	PHENOL	000108-95-2	688	581	277	1000	53	3E-01	2E+01	1E-02	4E-01	4E-04	156	16	51	198	1	203
-5	185	180	P-XYLENE	000106-42-3	687	129	61	100	178	5E-03		6E-01	1E+01	1E-01	247	1	1	5	1	200

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
-6	187	181	ALUMINUM	007429-90-5	685	584	278	5000	10	6E+00	1E+04	2E-01	1E+01	2E-03	182	81	169	349	1	214
+6	176	182	CARBON DISULFIDE	000075-15-0	683	245	117	100	178	3E-02	3E-02	2E-02	3E-01	3E-03	187	9	37	67	1	201
-6	189	183	CARBON MONOXIDE	000630-08-0	682	12	6	100	178			1E+01	2E+02	2E+00	299	1	2	3	1	200
-4	188	184	2,4-DIMETHYLPHENOL	000105-67-9	680	242	115	100	178	2E-01	7E+00		3E-01	3E-03	186	7	22	61	1	201
-1	186	185	DIBENZOFURAN	000132-64-9	677	273	130	100	178	7E-02	8E+00	5E-05	7E-02	7E-04	165	27	72	157	1	205
+2	184	186	ACETONE	000067-64-1	676	652	311	5000	10	5E-01	2E+00	7E-02	2E+00	3E-04	152	23	87	283	1	204
-10	197	187	HEXACHLOROETHANE	000067-72-1	669	48	23	100	178	2E+00	7E+01	2E+00	3E+01	3E-01	268	3	6	11	1	200
-6	194	188	BUTYL METHYL PHTHALATE	034006-76-3	667	4	2	10	400	7E-03			7E-03	7E-04	165		2	2	2	100
-4	193	189	CHLOROMETHANE	000074-87-3	666	236	112	100	178	1E-02	6E-02	7E-03	1E-01	1E-03	173	17	36	59	1	203
+9	181	190	HEXACHLORODIBENZOFURAN	055684-94-1	660	39	19	10	400		2E-02		4E-06	4E-07	42	1	3	18	1	200
-4	195	191	BUTYL BENZYL PHTHALATE	000085-68-7	659	290	138	100	178	2E-02	2E+00		2E-02	2E-04	142	8	25	76	1	201
+1	191	192	HYDROGEN SULFIDE	007783-06-4	656	34	16	100	178			2E+00	2E+01	2E-01	262	4	7	9	1	201
-47	240	193	DICHLORVOS	000062-73-7	656	3	1	10	400		5E-02		9E-06	9E-07	54	1	1	1	1	200
-2	196	194	CRESOL, ORTHO-	000095-48-7	653	206	98	100	178	1E-01	6E+00		1E-01	1E-03	177	3	19	39	1	200
-41	236	195	DIBENZOFURANS, CHLORINATED	042934-53-2	653	4	2	10	400		4E-02		8E-06	8E-07	51	1	1	1	1	200
+43	153	196	HEXACHLORODIBENZO-P-DIOXIN	034465-46-8	652	47	22	10	400		1E-02		2E-06	2E-07	29	2	9	23	1	200
-1	198	197	VANADIUM	007440-62-2	650	519	247	1000	53	1E-01	6E+01	2E-04	1E-01	1E-04	136	80	222	364	1	214
-1	199	198	N-NITROSODIMETHYLAMINE	000062-75-9	648	34	16	10	400	4E-01			4E-01	4E-02	231			5	3	1
-1	200	199	1,2,4-TRICHLOROBENZENE	000120-82-1	647	183	87	100	178	6E-02	8E+01	7E-03	2E-01	2E-03	181	8	25	57	1	201
-36	236	200	ETHOPROP	013194-48-4	644	4	2	10	400			3E-07	5E-06	4E-07	42	1	1	1	1	200
-1	202	201	TETRACHLORODIBENZO-P-DIOXIN	041903-57-5	641	44	21	10	400		6E-03		1E-06	1E-07	20	2	2	20	1	200
+1	201	202	BROMOFORM	000075-25-2	635	136	65	100	178	1E-02	1E-01	2E-02	3E-01	3E-03	190	13	17	23	1	202
+11	192	203	PENTACHLORODIBENZOFURAN	030402-15-4	632	41	20	10	400		4E-03		8E-07	8E-08	12	1	5	17	1	200
+1	203	204	1,3-DICHLOROBENZENE	000541-73-1	629	170	81	100	178	2E-02	4E+00	4E-03	9E-02	9E-04	169	6	19	32	1	201
+1	204	205	PENTACHLORODIBENZO-P-DIOXIN	036088-22-9	626	37	18	10	400		3E-03		6E-07	6E-08	8	3	7	14	1	200
+1	205	206	N-NITROSODIPHENYLAMINE	000086-30-6	626	199	95	100	178	3E-02	3E+00		3E-02	3E-04	152	5	16	56	1	201
0	207	207	2,3,7,8-TETRACHLORODIBENZOFURAN	051207-31-9	619	39	19	10	400		5E-04		1E-07	1E-08	0	3	6	19	1	200
-1	209	208	2,4-DICHLOROPHENOL	000120-83-2	618	81	39	100	178	6E-01	4E+01		6E-01	6E-03	202	3	8	24	1	200
-188	397	209	2,3-DIMETHYLNAPHTHALENE	000581-40-8	618	3	1	100	178	6E+00			6E+00	6E-02	238	1	1	1	1	200
0	210	210	1,4-DIOXANE	000123-91-1	614	30	14	100	178	1E-01		1E-01	2E+00	2E-02	221	5	2	6	1	201
0	211	211	FLUORINE	007782-41-4	613	28	13	10	400						0	1		5	1	200
+4	208	212	2-BUTANONE	000078-93-3	611	526	251	5000	10	4E-01	2E+00	5E-02	1E+00	2E-04	146	26	78	242	1	204
+7	206	213	1,2-DICHLOROETHYLENE	000540-59-0	610	423	202	1000	53	1E-01	8E-01	1E-02	3E-01	3E-04	148	47	73	258	1	208
+1	213	214	CESIUM-137	010045-97-3	610	21	10	10	400						0	1	3	15	1	200
-1	215	214	CHROMIC ACID	007738-94-5	610	21	10	10	400						0	1	1	1	1	200
+4	212	216	NITRITE	014797-65-0	609	15	7	100	178	2E+00			2E+00	2E-02	224	1	2	5	1	200
+3	214	217	SILVER	007440-22-4	608	498	237	1000	53	3E-02	8E+00	3E-05	3E-02	3E-05	111	37	100	173	1	206
+1	217	218	POTASSIUM-40	013966-00-2	608	16	8	10	400						0	1	5	12	1	200
+1	218	219	DINITROTOLUENE	025321-14-6	607	15	7	10	400						0	2		2	1	200
+4	216	220	NITRATE	014797-55-8	606	264	126	1000	53	2E+01	1E+02	3E-02	2E+01	2E-02	222	28	53	110	1	205
+1	220	221	COAL TAR PITCH	065996-93-2	605	11	5	1	600						0					0
+1	221	222	THORIUM-227	015623-47-9	605	9	4	10	400						0	5	16	10	1	201
0	223	223	ARSENIC ACID	007778-39-4	604	7	3	1	600						0			1	3	1
0	224	224	ARSENIC TRIOXIDE	001327-53-3	604	8	4	1	600						0					0
-1	226	225	BENZOPYRENE	073467-76-2	603	4	2	1	600						0			1	3	1

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
-2	228	226	CHLORDANE, TECHNICAL	012789-03-6	603	3	1	1	600						0			3	3	1
-3	230	227	STROBANE	008001-50-1	602	3	1	1	600						0			2	3	1
-4	232	228	4-AMINOBIIPHENYL	000092-67-1	602	3	1	1	600						0			1	3	1
-4	232	228	PYRETHRUM	008003-34-7	602	3	1	1	600						0			1	3	1
-4	234	230	ARSINE	007784-42-1	602	5	2	1	600						0					0
+1	229	230	DIMETHOATE	000060-51-5	602	5	2	10	400						0	1			1	200
+13	219	232	ANTIMONY	007440-36-0	602	555	264	5000	10	9E-02	8E+01	1E-04	1E-01	2E-05	106	125	212	329	1	222
-5	238	233	CARBOPHENOTHION	000786-19-6	602	4	2	1	600						0					0
-4	238	234	ALPHA-CHLORDENE	056534-02-2	601	3	1	1	600						0					0
+102	132	234	IODINE-131	010043-66-0	601	3	1	1	600						0					0
-7	241	234	MERCURIC CHLORIDE	007487-94-7	601	3	1	1	600						0					0
-7	241	234	SODIUM ARSENITE	007784-46-5	601	3	1	1	600						0					0
+56	178	234	URANIUM-233	013968-55-3	601	3	1	1	600						0					0
-10	249	239	DIBROMOCHLOROMETHANE	000124-48-1	601	167	80	100	178	5E-03	9E-02	7E-04	2E-02	2E-04	140	19	22	31	1	203
+13	227	240	CRESOLS	001319-77-3	597	67	32	100	178	3E-01	2E+01		3E-01	3E-03	187	3	13	10	1	200
-3	244	241	FORMALDEHYDE	000050-00-0	596	28	13	100	178	5E-01		2E-02	8E-01	8E-03	205	1	3	4	1	200
-12	254	242	DICHLOROBENZENE	025321-22-6	595	92	44	100	178	1E-01	3E+01		1E-01	1E-03	172	11	13	23	1	202
-5	248	243	2,4-D ACID	000094-75-7	595	46	22	100	178	4E-01	3E+00		4E-01	4E-03	194	2	4	26	1	200
-1	245	244	2-CHLOROPHENOL	000095-57-8	591	97	46	100	178	7E-02	3E+01		8E-02	8E-04	167	1	3	19	1	200
-6	251	245	BUTYLATE	002008-41-5	590	5	2	100	178		5E+03		1E+00	1E-02	209	1	1	2	1	200
0	246	246	PHENANTHRENE	000085-01-8	588	552	263	5000	10	9E-02	1E+01	3E-04	1E-01	2E-05	105	57	178	378	1	210
-5	252	247	DIMETHYL FORMAMIDE	000068-12-2	585	15	7	100	178	2E+00		2E+01	3E+02	3E+00	300		2	6	2	100
-9	257	248	4-NITROPHENOL	000100-02-7	580	109	52	100	178	3E-02	7E+00		3E-02	3E-04	150	2	4	29	1	200
-1	250	249	DIURON	000330-54-1	579	4	2	100	178	5E-01	2E-01		5E-01	5E-03	199	1	1	2	1	200
+60	190	250	TETRACHLOROETHANE	025322-20-7	577	43	20	100	178	2E-01	1E+00		2E-01	2E-03	178	4	7	15	1	201
-5	256	251	DICHLOROETHANE	001300-21-6	568	65	31	100	178	5E-02	6E-01		5E-02	5E-04	158	5	4	26	1	201
-3	255	252	ETHYL ETHER	000060-29-7	565	48	23	100	178	7E-02			7E-02	7E-04	164	1	4	15	1	200
0	253	253	PYRENE	000129-00-0	564	521	248	5000	10	7E-02	2E+01	2E-05	8E-02	2E-05	101	26	96	280	1	204
-28	282	254	DIMETHYLANILINE	000121-69-7	562	8	4	100	178	2E-01	2E+01		2E-01	2E-03	180	2	3	8	1	200
-3	258	255	1,3-DICHLOROPROPENE, CIS-	010061-01-5	561	67	32	100	178	3E-02	2E-02		3E-02	3E-04	151	3	3	5	1	200
-7	263	256	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	035822-46-9	559	18	9	10	400		4E-02		7E-06	7E-07	50		5	10	2	100
-2	259	257	PHOSPHINE	007803-51-2	555	5	2	100	178			3E+00	5E+01	5E-01	275		1	1	2	100
-2	260	258	TRICHLOROBENZENE	012002-48-1	555	41	20	100	178	1E-02	2E+02		4E-02	4E-04	157	3	4	11	1	200
-2	261	259	2,6-DINITROTOLUENE	000606-20-2	554	59	28	100	178	7E-03	9E+01		3E-02	3E-04	148	5	6	27	1	201
-2	262	260	FLUORIDE ION	016984-48-8	550	158	75	1000	53	2E+01	9E+03	9E-03	2E+01	2E-02	218	19	40	54	1	203
-12	273	261	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	067562-39-4	549	14	7	10	400	3E-08	2E-02		5E-06	5E-07	42		4	8	2	100
-3	265	262	PENTAERYTHRITOL TETRANITRATE	000078-11-5	548	6	3	10	400		1E+01		2E-03	2E-04	144			3	3	1
-3	266	263	1,3-DICHLOROPROPENE, TRANS-	010061-02-6	548	62	30	100	178	1E-02	4E-02	4E-04	2E-02	2E-04	140	3	4	8	1	200
-10	274	264	ACRYLONITRILE	000107-13-1	543	26	12	100	178			2E-03	3E-02	3E-04	153	2	5	5	1	200
-2	267	265	BIS(2-ETHYLHEXYL)ADIPATE	000103-23-1	542	13	6	100	178	5E-02			5E-02	5E-04	158	1	3	3	1	200
-2	268	266	CARBAZOLE	000086-74-8	539	60	29	100	178	8E-03	3E+00		8E-03	8E-05	129	16	46	58	1	203
-13	280	267	METOLACHLOR	051218-45-2	538	3	1	100	178	4E-02	4E+01		5E-02	5E-04	159	1	1	6	1	200
-60	328	268	2-CHLOROANILINE	000095-51-2	538	3	1	100	178	2E+01	1E+02		2E+01	2E-01	258		2	7	2	100
-41	310	269	1,2,3-TRICHLOROPROPANE	000096-18-4	536	25	12	100	178	7E-03	8E+01		2E-02	2E-04	146	1	4	12	1	200
-2	272	270	CARBARYL	000063-25-2	536	8	4	100	178		2E+02		4E-02	4E-04	153	3	3	2	1	200

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
+1	270	271	1,2-DICHLOROETHENE, CIS-	000156-59-2	534	259	123	1000	53	5E-02	1E+00	2E-02	3E-01	3E-04	150	44	77	117	1	208
+3	269	272	METHYL ISOBUTYL KETONE	000108-10-1	530	373	178	5000	10	2E-01	2E+00	4E-02	8E-01	2E-04	139	17	41	114	1	203
+2	271	273	STYRENE	000100-42-5	529	247	118	1000	53	7E-02	7E+00	2E-02	4E-01	4E-04	157	11	33	66	1	202
-7	281	274	THALLIUM	007440-28-0	525	336	160	1000	53	1E-02	6E+00	7E-05	2E-02	2E-05	101	65	124	188	1	211
-4	279	275	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	072918-21-9	524	8	4	10	400		6E-03		1E-06	1E-07	20		2	3	2	100
0	276	276	MALATHION	000121-75-5	523	23	11	100	178	2E-03	4E+01	2E-05	1E-02	1E-04	133	6	9	2	1	201
-1	278	277	DICHLOROETHYLENE	025323-30-2	522	115	55	1000	53	9E-02	1E-01	8E-01	1E+01	1E-02	211	15	20	46	1	202
-8	286	278	OCTACHLORODIBENZO-P-DIOXIN	003268-87-9	520	67	32	100	178	3E-03	8E-02		3E-03	3E-05	110	3	16	46	1	200
-9	288	279	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	057653-85-7	519	11	5	10	400		4E-03		8E-07	8E-08	13		3	5	2	100
-5	285	280	TETRACHLORODIBENZOFURAN	030402-14-3	518	33	16	10	400	3E-07	6E-04		4E-07	4E-08	2		5	12	2	100
-28	309	281	METHYLNAPHTHALENE	001321-94-4	516	17	8	100	178	6E-03	1E+01		8E-03	8E-05	129	4	6	11	1	201
-11	293	282	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	019408-74-3	516	10	5	10	400		4E-03		7E-07	7E-08	11		2	3	2	100
+6	277	283	DIBENZOTHIOPHENE	000132-65-0	516	9	4	10	400	9E-06	1E+00		3E-04	3E-05	110			6	3	1
+9	275	284	1-METHYLNAPHTHALENE	000090-12-0	515	36	17	100	178	1E-03	2E+01		5E-03	5E-05	120	2	2	14	1	200
+1	284	285	1,3-DINITROBENZENE	000099-65-0	515	17	8	100	178	8E-03	5E-01		8E-03	8E-05	129	2	7	12	1	200
+3	283	286	1,2-DICHLOROPROPANE	000078-87-5	514	230	110	1000	53	2E-02	1E+00	2E-02	3E-01	3E-04	148	18	32	60	1	203
-4	291	287	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	070648-26-9	513	9	4	10	400		3E-03		6E-07	6E-08	8		3	4	2	100
+24	264	288	METHYL PARATHION	000298-00-0	513	17	8	100	178	3E-03	2E+01	2E-05	7E-03	7E-05	126	4	6	3	1	201
-11	300	289	O-XYLENE	000095-47-6	508	216	103	1000	53	6E-03	2E+01	2E-02	3E-01	3E-04	152	4	11	36	1	201
+1	289	290	NONACHLOR, TRANS-	039765-80-5	508	17	8	10	400						0		2	4	2	100
-5	296	291	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	060851-34-5	506	8	4	10	400		2E-03		4E-07	4E-08	2		1	2	2	100
+2	290	292	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	057117-44-9	505	10	5	10	400		1E-03		3E-07	3E-08	0		4	4	2	100
+2	291	293	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	039227-28-6	505	10	5	10	400		2E-03		3E-07	3E-08	0		3	3	2	100
0	294	294	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	040321-76-4	505	10	5	10	400		4E-04		7E-08	7E-09	0		2	6	2	100
0	295	295	NONACHLOR, CIS-	005103-73-1	504	9	4	10	400						0		2	2	2	100
+9	287	296	FLUORENE	000086-73-7	504	347	165	5000	10	3E-01	3E+01	4E-05	3E-01	7E-05	126	17	63	171	1	203
0	297	297	PICRIC ACID	000088-89-1	504	7	3	10	400						0		4	1	2	100
0	298	298	4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID	000094-82-6	503	7	3	10	400						0		1		2	100
0	299	299	DICHLOROPROP	000120-36-5	503	6	3	10	400						0		2		2	100
-2	302	300	2,3,4,5-TETRACHLOROPHENOL	004901-51-3	502	4	2	10	400						0		1	1	2	100
-1	301	300	CHLORDENE	003734-48-3	502	4	2	10	400						0		1		2	100
-2	302	300	NITROGEN DIOXIDE	010102-44-0	502	4	2	10	400						0		1	2	2	100
-6	306	300	OZONE	010028-15-6	502	4	2	10	400						0		1	4	2	100
New		304	NITRIC OXIDE	010102-43-9	501	3	1	10	400						0		1	1	2	100
-7	312	305	SULFURIC ACID	007664-93-9	490	55	26	1000	53			7E-01	1E+01	1E-02	211	2	2	2	1	200
-2	308	306	ANTHRACENE	000120-12-7	489	371	177	5000	10	7E-02	2E+01	2E-05	8E-02	2E-05	101	11	62	171	1	202
-10	317	307	TIN	007440-31-5	488	211	101	1000	53	8E-02	1E+02	1E-04	1E-01	1E-04	132	16	21	32	1	203
-7	315	308	ISOPROPANOL	000067-63-0	487	72	34	1000	53	2E+00	8E+02	2E-01	5E+00	5E-03	199	3	6	15	1	200
-9	318	309	TETRAHYDROFURAN	000109-99-9	482	100	48	1000	53	2E-01		1E-01	2E+00	2E-03	180	7	12	38	1	201
-31	341	310	TITANIUM	007440-32-6	482	92	44	1000	53	2E+00	6E+01	8E-05	2E+00	2E-03	184	5	10	14	1	201
-2	313	311	M-XYLENE	000108-38-3	480	143	68	1000	53	1E-02	3E+00	3E-02	5E-01	5E-04	159	2	2	12	1	200
-4	316	312	SULFUR DIOXIDE	007446-09-5	476	29	14	1000	53			6E-01	1E+01	1E-02	208	3	12	12	1	200
-7	320	313	AZOBENZENE	000103-33-3	475	3	1	100	178		2E+03		4E-01	4E-03	195		3	3	2	100
-5	319	314	CHLORODIFLUOROMETHANE	000075-45-6	470	24	11	100	178	2E-01			2E-01	2E-03	181		1	6	2	100
-10	325	315	PROPANOL	000071-23-8	462	21	10	100	178			8E-03	1E-01	1E-03	174		1	2	2	100

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
-8	324	316	DINOSEB	000088-85-7	460	10	5	1000	53	7E+00	4E+02		7E+00	7E-03	202	1	1	5	1	200
-10	327	317	2,3-BENZOFURAN	000271-89-6	460	11	5	10	400	9E-06			9E-06	9E-07	54			5	3	1
-5	323	318	GLYCOL ETHER	000111-46-6	456	8	4	100	178		6E+02		1E-01	1E-03	174		4		2	100
-3	322	319	2,4,5-TP ACID	000093-72-1	454	38	18	100	178	5E-02	2E+00		5E-02	5E-04	158		2	12	2	100
-6	326	320	BENZO(GH)PERYLENE	000191-24-2	452	350	167	5000	10	1E-02	4E+00	2E-05	1E-02	2E-06	69	33	125	217	1	206
-11	332	321	BENZOIC ACID	000065-85-0	449	263	125	5000	10	2E-01	1E+00		2E-01	3E-05	113	5	16	63	1	201
-137	459	322	PROPYL ACETATE	000109-60-4	449	5	2	1000	53			3E-01	4E+00	4E-03	193	1	1		1	200
-10	333	323	TRICHLOROFLUOROMETHANE	000075-69-4	447	238	113	5000	10	3E-02	2E-01	2E-02	3E-01	6E-05	122	6	18	55	1	201
-6	330	324	DI-N-OCTYL PHTHALATE	000117-84-0	446	328	156	5000	10	2E-02	2E+00		2E-02	4E-06	79	8	29	86	1	201
-138	463	325	ISOPROPYL ACETATE	000108-21-4	444	3	1	1000	53			2E-01	3E+00	3E-03	190	1	1		1	200
-9	335	326	MOLYBDENUM	007439-98-7	442	86	41	1000	53	2E-01	6E+01	5E-05	2E-01	2E-04	147	10	10	35	1	202
-10	337	327	2-NITROPHENOL	000088-75-5	440	54	26	100	178	1E-02	2E+00		1E-02	1E-04	136		3	10	2	100
-6	334	328	BORON	007440-42-8	440	155	74	5000	10	2E+00	2E+02		2E+00	3E-04	153	19	41	43	1	203
-7	336	329	PHENOLICS	064743-03-9	434	61	29	1000	53	3E-01	6E+01		3E-01	3E-04	151	6	10	27	1	201
-10	340	330	2-AMINO-4,6-DINITROTOLUENE	035572-78-2	433	11	5	1000	53	3E-03	6E+03		1E+00	1E-03	174	5	2	3	1	201
-8	339	331	VINYL ACETATE	000108-05-4	431	51	24	5000	10		3E-01	2E+00	2E+01	5E-03	197	1	3	7	1	200
+1	331	332	NITROBENZENE	000098-95-3	427	92	44	1000	53	7E-02	1E+01		8E-02	8E-05	128	11	18	29	1	202
-10	343	333	HYDROCHLORIC ACID	007647-01-0	426	39	19	5000	10			2E+00	2E+01	5E-03	197	1	2	4	1	200
-10	344	334	LITHIUM	007439-93-2	422	28	13	1000	53	4E-01	1E+02		4E-01	4E-04	156	4	8	3	1	201
+6	329	335	4-CHLOROANILINE	000106-47-8	421	42	20	1000	53	3E-01	2E+01		3E-01	3E-04	148	2	4	14	1	200
-50	386	336	2,4,5-T	000093-76-5	421	28	13	1000	53	4E-01	4E+00		4E-01	4E-04	155	1	3	18	1	200
-1	338	337	2-CHLOROETHYL VINYL ETHER	000110-75-8	416	46	22	1000	53	2E-02		1E-02	2E-01	2E-04	141	2	2	4	1	200
-4	342	338	PERCHLORATE	014797-73-0	415	10	5	1000	53	4E-01			4E-01	4E-04	155	11	8	6	1	202
-6	345	339	HMX (CYCLOTETRAMETHYLENE	002691-41-0	413	18	9	1000	53	4E-02	1E+03		3E-01	3E-04	152	1	2	20	1	200
-6	346	340	METHYL-T-BUTYL ETHER	001634-04-4	412	44	21	1000	53	3E-02		7E-03	1E-01	1E-04	136	11	25	27	1	202
-7	348	341	CHROMIUM, TRIVALENT	016065-83-1	409	32	15	1000	53	1E-01	3E+02		3E-01	2E-04	141	2	5	14	1	200
-5	347	342	ACENAPHTHYLENE	000208-96-8	408	235	112	5000	10	3E-02	6E+00	1E-05	3E-02	5E-06	84	16	58	113	1	203
-8	351	343	BROMODICHLOROMETHANE	000075-27-4	407	237	113	5000	10	8E-03	7E-03	9E-04	2E-02	4E-06	80	28	38	49	1	205
-5	349	344	TRICHLOROPHENOL	025167-82-2	406	11	5	10	400						0			2	3	1
-5	350	345	BROMODICHLOROETHANE	073506-91-9	405	5	2	100	178	6E-03			6E-03	6E-05	125		1	1	2	100
-6	352	346	CYANIDE, SODIUM	000143-33-9	404	9	4	10	400						0					0
-9	355	346	LEAD OXIDE	001317-36-8	404	9	4	10	400						0					0
-6	352	346	PENTACHLOROETHANE	000076-01-7	404	9	4	10	400						0					0
-5	354	349	BENZO(J)FLUORANTHENE	000205-82-3	404	6	3	10	400						0			1	3	1
-5	355	350	SODIUM DICHROMATE(VI)	010588-01-9	404	8	4	10	400						0					0
-7	358	351	2,3,4,6-TETRACHLOROPHENOL	000058-90-2	403	4	2	10	400						0			1	3	1
-7	358	351	CAPTAN	000133-06-2	403	4	2	10	400						0			1	3	1
-7	358	351	ETHANETHIOL	000075-08-1	403	4	2	10	400						0			1	3	1
-3	357	354	2,3,5,6-TETRACHLOROPHENOL	000935-95-5	403	3	1	10	400						0			3	3	1
-8	363	355	(TRICHLOROMETHYL)BENZENE	000098-07-7	402	3	1	10	400						0			1	3	1
-3	358	355	1-HYDROXYCHLORDENE	002597-11-7	402	3	1	10	400						0			1	3	1
-8	363	355	2-BUTENE	000107-01-7	402	3	1	10	400						0			1	3	1
-8	366	358	CALCIUM HYPOCHLORITE	007778-54-3	402	5	2	10	400						0					0
-8	366	358	COPPER CHLORIDE	001344-67-8	402	5	2	10	400						0					0
-30	390	360	ATRAZINE	001912-24-9	402	20	10	1000	53	2E-02	6E+02		1E-01	1E-04	139	5	7	22	1	201

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
-7	368	361	CARBOFURAN	001563-66-2	402	4	2	10	400						0					0
-7	368	361	CHLORINATED PHENOL	001336-35-2	402	4	2	10	400						0					0
-7	368	361	CUPRIC SULFATE	007758-98-7	402	4	2	10	400						0					0
-7	368	361	PHOSGENE	000075-44-5	402	4	2	10	400						0					0
7	358	365	1,1-DIMETHYLHYDRAZINE	000057-14-7	401	3	1	10	400						0					0
-7	372	365	2,3,5-TRICHLOROPHENOL	000933-78-8	401	3	1	10	400						0					0
-7	372	365	ALUMINUM CHLORIDE	007446-70-0	401	3	1	10	400						0					0
-7	372	365	ARAMITE	000140-57-8	401	3	1	10	400						0					0
+63	302	365	BIS(CHLOROMETHYL) ETHER	000542-88-1	401	3	1	10	400						0					0
-7	372	365	CHLOROBENZILATE	000510-15-6	401	3	1	10	400						0					0
-7	372	365	COKE, COAL	065996-77-2	401	3	1	10	400						0					0
-7	372	365	DIBROMOCHLOROETHANE	073506-94-2	401	3	1	10	400						0					0
-7	372	365	EPN	002104-64-5	401	3	1	10	400						0					0
-7	372	365	GLYCIDYLALDEHYDE	000765-34-4	401	3	1	10	400						0					0
-7	372	365	HEXACHLORONORBORNADIENE	003389-71-7	401	3	1	10	400						0					0
-7	372	365	LEAD(+2) SULFATE	015739-80-7	401	3	1	10	400						0					0
-7	372	365	SULFUR-35	015117-53-0	401	3	1	10	400						0					0
+2	363	365	TETRAETHYL LEAD	000078-00-2	401	3	1	10	400						0					0
-7	372	365	THIOUREA	000062-56-6	401	3	1	10	400						0					0
-7	372	365	ZINC OXIDE	001314-13-2	401	3	1	10	400						0					0
-120	501	381	DINITROBENZENE	025154-54-5	399	4	2	100	178	4E-03			4E-03	5E-05	119		2	3	2	100
+68	314	382	BENZO(A)FLUORANTHENE	000203-33-8	396	45	21	100	178		6E+00		1E-03	1E-05	97		3	11	2	100
-97	480	383	MECOPROP	007085-19-0	394	9	4	5000	10	9E+00	1E+02		9E+00	2E-03	180	1	2	2	1	200
-99	483	384	PEBULATE	001114-71-2	393	3	1	5000	10	1E+01			1E+01	2E-03	182	1	1	1	1	200
-3	388	385	ISOPROPYL ETHER	000108-20-3	392	16	8	1000	53	9E-02	1E+01		9E-02	9E-05	131	2	3	13	1	200
+139	247	386	HYDROGEN FLUORIDE	007664-39-3	391	26	12	100	178						0	5	1	3	1	201
-96	483	387	3,3,5-TRIMETHYLCYCLOHEXANONE	000873-94-9	386	3	1	5000	10	6E+00			6E+00	1E-03	175	1	1		1	200
-12	400	388	PHOSPHORIC ACID	007664-38-2	385	28	13	5000	10	9E-01		1E-01	3E+00	6E-04	162	1	4		1	200
-17	406	389	ISOPHORONE	000078-59-1	385	156	74	5000	10	7E-02	4E+00		7E-02	1E-05	100	4	10	32	1	201
-3	393	390	DICHLOROPROPENE	026952-23-8	383	11	5	100	178						0	1			1	200
-1	391	390	DIMETHYLNAPHTHALENE	028804-88-8	383	11	5	100	178						0	1	3	1	1	200
0	392	392	MIREX	002385-85-5	383	9	4	100	178						0	6	9	10	1	201
-2	395	393	SULFIDE	018496-25-8	383	20	10	5000	10	3E+00	4E+02		3E+00	6E-04	163	3	3	5	1	200
+7	387	394	HEXANE, N-	000110-54-3	383	67	32	5000	10	9E-02		5E-02	8E-01	2E-04	140	2	5	13	1	200
-4	399	395	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	000076-13-1	381	98	47	5000	10	2E-01	8E-01	1E-02	3E-01	6E-05	124	3	4	35	1	200
+75	321	396	DIETHYL PHTHALATE	000084-66-2	381	264	126	1000	53	1E-02	7E-01	8E-05	2E-02	2E-05	101		13	50	2	101
+1	396	397	UREA	000057-13-6	380	4	2	100	178						0	4			1	201
-45	443	398	4-AMINO-2,6-DINITROTOLUENE	019406-51-0	380	5	2	100	178						0	1	1	1	1	200
+2	397	399	CARBONYL SULFIDE	000463-58-1	380	4	2	100	178						0	1			1	200
+5	394	399	TECHNETIUM-99	014133-76-7	380	4	2	100	178						0	1	3	12	1	200
-2	403	401	MONOBROMODIPHENYL ETHER	000101-55-3	378	22	10	100	178		4E+00		8E-04	8E-06	90		2	4	2	100
0	402	402	DICHLORODIFLUOROMETHANE	000075-71-8	377	104	50	5000	10	1E-02		1E-02	2E-01	4E-05	117	6	11	28	1	201
-145	548	403	2-NITROTOLUENE	000088-72-2	377	7	3	1000	53	5E-02			5E-02	5E-05	121	1		3	1	200
-64	468	404	1,2,3,4-TETRACHLOROBENZENE	000634-66-2	377	12	6	100	178	4E-01	6E-01		4E-01	4E-03	192			8	3	1
+4	401	405	FORMIC ACID, METHYL ESTER	000107-31-3	376	3	1	100	178			3E-02	4E-01	4E-03	196			2	3	1

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
+1	405	406	BAGHOUSE DUST (LIME)	068919-24-4	376	5	2	5000	10			2E-01	3E+00	7E-04	164	2			1	200
+18	389	407	ETHANOL	000064-17-5	373	41	20	1000	53			4E-01	6E+00	6E-03	201		2	2	2	100
-5	413	408	ALACHLOR	015972-60-8	369	4	2	1000	53	6E-03	1E+02		3E-02	3E-05	114	4	5	11	1	201
-15	424	409	CHLOROTOLUENE	025168-05-2	367	16	8	100	178	2E-01		3E-04	2E-01	2E-03	181			7	3	1
+3	407	410	ETHYLENE GLYCOL	000107-21-1	367	36	17	5000	10			5E-02	8E-01	2E-04	139	4	2	5	1	201
+1	410	411	ETHYL ACETATE	000141-78-6	366	22	10	5000	10			7E-02	1E+00	2E-04	145	1	3	2	1	200
+4	408	412	DIMETHYL SULFATE	000077-78-1	363	5	2	100	178	2E-01			2E-01	2E-03	182			5	3	1
+4	409	413	ANILINE	000062-53-3	360	51	24	5000	10	3E-01	3E+01	3E-04	3E-01	7E-05	125	6	9	17	1	201
-141	555	414	BROMIDE	024959-67-9	360	11	5	1000	53	6E+00			6E+00	6E-03	202		1		2	100
+11	404	415	DIMETHYL PHTHALATE	000131-11-3	359	118	56	5000	10	5E-02	2E+00		5E-02	9E-06	93	3	11	24	1	200
+1	415	416	BROMOCHLOROMETHANE	000074-97-5	347	22	10	1000	53	5E-03			5E-03	5E-06	83	2	2	2	1	200
+5	412	417	DIBROMOMETHANE	000074-95-3	347	17	8	1000	53	6E-03			6E-03	6E-06	85	3	2	2	1	200
+4	414	418	4-CHLOROPHENOL	000106-48-9	346	7	3	100	178	7E-02			7E-02	7E-04	164			3	3	1
+8	411	419	CUMENE	000098-82-8	344	54	26	5000	10	3E-02	2E+00	6E-03	1E-01	2E-05	108	1	11	16	1	200
+2	418	420	P-CHLORO-M-CRESOL	000059-50-7	340	110	52	5000	10	2E-02	3E+00		2E-02	4E-06	77	2	7	24	1	200
-42	463	421	MERPHOS	000150-50-5	337	3	1	1000	53		3E+01		5E-03	5E-06	82	1	1		1	200
+6	416	422	DIPHENYLAMINE	000122-39-4	334	11	5	100	178	3E-02			3E-02	3E-04	150			1	3	1
+4	419	423	INDENOPYRENE	072254-06-9	323	4	2	100	178		9E+01		2E-02	2E-04	142			4	3	1
+4	420	424	METHYL ISOPROPYL KETONE	000563-80-4	316	15	7	5000	10	7E-02			7E-02	1E-05	99	1		1	1	200
0	425	425	CYANAZINE	021725-46-2	314	3	1	1000	53	1E-03	4E-01		1E-03	1E-06	60	1	1	4	1	200
+5	421	426	NITROPHENOL	025154-55-6	313	9	4	100	178		4E+01		9E-03	9E-05	130			3	3	1
+4	423	427	SULFUR	007704-34-9	311	49	23	5000	10			1E-03	2E-02	4E-06	77	3	6	7	1	200
+6	422	428	BROMOMETHANE	000074-83-9	310	94	45	1000	53	1E-02	1E-02	1E-03	3E-02	3E-05	112		4	9	2	100
0	429	429	P-CHLOROPHENYL METHYL SULFOXIDE	000934-73-6	304	3	1	1000	53	3E-01	7E+01		3E-01	3E-04	150		1	4	2	100
-164	594	430	AMMONIUM HYDROXIDE	001336-21-6	304	9	4	1000	53	9E+01			9E+01	9E-02	247					0
+3	428	431	METHYL-4-(1-METHYLETHYL)BENZENE	000999-87-6	297	25	12	1000	53			7E-03	1E-01	1E-04	132		4	4	2	100
+5	427	432	METHANOL	000067-56-1	297	53	25	5000	10		2E+03	2E-01	3E+00	6E-04	162		2	5	2	100
+7	426	433	PYRIDINE	000110-86-1	294	12	6	1000	53	5E+01	3E+01		5E+01	5E-02	235			5	3	1
+3	431	434	4-CHLOROPHENYL PHENYL ETHER	007005-72-3	293	23	11	5000	10	5E-03	4E+01		1E-02	3E-06	72	1	3	9	1	200
+5	430	435	CRESOL, META-	000108-39-4	289	22	10	100	178						0		2	2	2	100
-11	447	436	INDIUM	007440-74-6	288	3	1	1000	53			2E-05	3E-04	3E-07	34	1	4	1	1	200
-24	461	437	METHYL ISOAMYL KETONE	000110-12-3	287	4	2	1000	53		1E+00		3E-04	3E-07	33	1	1	1	1	200
+5	433	438	DIMETHYLSULFIDE	000075-18-3	286	17	8	100	178						0		1	1	2	100
+4	435	439	PERYLENE	000198-55-0	285	14	7	100	178						0		3	4	2	100
-10	450	440	4-NITROANILINE	000100-01-6	284	26	12	5000	10		4E+01		7E-03	1E-06	62	1	5	13	1	200
+4	437	441	LEAD-212	015092-94-1	284	9	4	100	178						0		12	10	2	101
+6	436	442	1,2,3,7,8-PENTACHLORODIBENZOFURAN	057117-41-6	283	10	5	100	178			2E-04	4E-08	4E-10	0		4	5	2	100
-5	448	443	TRINITROPHENYLMETHYLNITRAMINE	000479-45-8	282	18	9	1000	53	6E-03	2E+02		5E-02	5E-05	120		1	14	2	100
+6	438	444	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	055673-89-7	282	8	4	100	178		1E-02		2E-06	2E-08	0		1	2	2	100
+5	439	444	IODINE	007553-56-2	282	8	4	100	178						0		1	1	2	100
+7	439	446	1,3-DICHLOROPROPENE	000542-75-6	281	7	3	100	178						0		1	1	2	100
+6	441	447	OCTACHLOROSTYRENE	029082-74-4	281	6	3	100	178						0		2	5	2	100
+5	442	447	RADIUM-224	013233-32-4	281	6	3	100	178						0		2		2	100
-47	496	449	TRIMETHYLNAPHTHALENE	028652-77-9	281	6	3	100	178						0		1	1	2	100
+6	444	450	DIMETHYL METHYLPHOSPHONATE	000756-79-6	279	3	1	100	178						0		1	1	2	100

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-57	507	450	ETHYLNAPHTHALENE	027138-19-8	279	3	1	100	178						0		1	1	2	100	
-57	507	450	PROPAZINE	000139-40-2	279	3	1	100	178						0		1	1	2	100	
0	453	453	3,4-XYLENOL	000095-65-8	278	3	1	1000	53	6E-02			6E-02	6E-05	123		1	3	2	100	
+22	432	454	BIPHENYL	000092-52-4	274	26	12	100	178	3E-06	2E+00		5E-04	5E-06	82			12	3	1	
+4	451	455	BIS(2-CHLOROETHOXY)METHANE	000111-91-1	272	36	17	1000	53	1E-02	6E+00		2E-02	2E-05	101		3	11	2	100	
+7	449	456	BROMACIL	000314-40-9	271	9	4	1000	53	3E-02			3E-02	3E-05	113		2	3	2	100	
-144	601	457	CHLOROANILINE	027134-26-5	269	7	3	1000	53	1E+01			1E+01	1E-02	213					0	
+6	452	458	TRITIUM	010028-17-8	265	22	10	1000	53						0	8	5	15	1	201	
+5	454	459	ACETALDEHYDE	000075-07-0	258	10	5	1000	53						0	2	1	1	1	200	
+6	454	460	DIMETHYL DISULFIDE	000624-92-0	258	10	5	1000	53						0	1	2	2	1	200	
-6	467	461	SEC-BUTYLBENZENE	000135-98-8	257	10	5	5000	10	7E-04	8E+00		2E-03	5E-07	42	1	6		1	200	
-106	568	462	PHOSPHATE	014265-44-2	257	15	7	5000	10			5E-02	7E-01	1E-04	139		5	2	2	100	
+6	457	463	BISMUTH-214	014733-03-0	256	6	3	1000	53						0	2	3	3	1	200	
+6	457	463	LEAD-214	015067-28-4	256	6	3	1000	53						0	2	3	3	1	200	
-16	481	465	DIMETHYL PHENANTHRENE	029062-98-4	255	3	1	5000	10		1E+01		3E-03	5E-07	44	2	2		1	200	
+7	459	466	TUNGSTEN	007440-33-7	255	5	2	1000	53						0	1	2	1	1	200	
+6	461	467	GERMANIUM	007440-56-4	255	4	2	1000	53			1E-06	1E-05	1E-08	0	1	2		1	200	
+5	463	468	1,1-DICHLORO-1-PROPANE	000078-99-9	254	3	1	1000	53						0	1	2		1	200	
New		468	TETRAHYDROTHIOPHENE	000110-01-0	254	3	1	1000	53						0	1			1	1	200
-2	472	470	2-CHLOROTOLUENE	000095-49-8	254	13	6	1000	53	1E-02			1E-02	1E-05	94		2	8	2	100	
+2	469	471	DICAMBA	001918-00-9	247	7	3	1000	53	8E-03			8E-03	8E-06	91		1	1	2	100	
+1	471	472	ACETONITRILE	000075-05-8	242	12	6	5000	10			2E-02	4E-01	7E-05	127		1	2	2	100	
+3	470	473	BENZO(E)PYRENE	000192-97-2	241	37	18	1000	53	2E-03	3E+00		2E-03	2E-06	70		7	12	2	101	
+1	473	474	METHYL ACETATE	000079-20-9	235	10	5	1000	53		6E-02	9E-02	1E+00	1E-03	176			4	3	1	
-1	476	475	BIS(2-CHLORO-1-METHYLETHYL) ETHER	000108-60-1	232	26	12	1000	53		1E+01		2E-03	2E-06	67		1	2	2	100	
+2	474	476	2-ETHYLHEXANOL	000104-76-7	231	11	5	1000	53			7E-02	1E+00	1E-03	172			2	3	1	
-90	567	477	3-NITROANILINE	000099-09-2	223	21	10	5000	10		1E+00		2E-04	4E-08	3	1	1	2	1	200	
+1	477	478	BUTYL ACETATE	000123-86-4	219	19	9	5000	10						0	1	1	2	1	200	
0	479	479	2-METHYL-4-CHLOROPHENOXYACETIC ACID	000094-74-6	214	9	4	5000	10						0	2	1	1	1	200	
+2	478	480	METHYLPHENANTHRENE	031711-53-2	214	8	4	5000	10		3E-01		5E-05	1E-08	0	2	2		1	200	
+6	475	481	TERT-BUTYLBENZENE	000098-06-6	214	8	4	5000	10						0	1	3		1	200	
-3	485	482	PENTANAL	000110-62-3	214	3	1	5000	10			6E-03	8E-02	2E-05	102		1	1	2	100	
+2	481	483	TRIMETHYL PHENANTHRENE	030232-26-9	212	3	1	5000	10						0	2	1		1	200	
-3	487	484	TELLURIUM	013494-80-9	196	7	3	1000	53			3E-05	4E-04	4E-07	39		1	3	2	100	
-3	488	485	1,1,1,2-TETRACHLOROETHANE	000630-20-6	186	15	7	100	178						0				2	3	1
-60	546	486	2-CHLORONAPHTHALENE	000091-58-7	185	49	23	5000	10		2E+01		4E-03	8E-07	51		4	6	2	100	
-84	571	487	P-CHLOROTOLUENE	000106-43-4	184	6	3	5000	10	1E-02			1E-02	3E-06	72		1	5	2	100	
+54	434	488	COBALT-60	010198-40-0	184	10	5	100	178						0				4	3	1
-1	490	489	METHYL MERCAPTAN	000074-93-1	183	9	4	100	178						0				3	3	1
-1	491	490	FURAN	000110-00-9	183	8	4	100	178						0				3	3	1
-1	492	491	ACRIDINE	000260-94-6	183	8	4	100	178						0				1	3	1
-1	492	491	CHLOROPHENOL	025167-80-0	183	8	4	100	178						0				1	3	1
-1	494	493	BENZOPHENONE	000119-61-9	183	7	3	100	178						0				5	3	1
-1	495	494	PENTACHLORONITROBENZENE	000082-68-8	182	7	3	100	178						0				2	3	1
-10	505	495	BENZYL CHLORIDE	000100-44-7	182	7	3	100	178						0				1	3	1

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
-2	498	496	DIPHENYL OXIDE	000101-84-8	181	5	2	100	178						0			1	3	0
-3	500	497	ALLYL ALCOHOL	000107-18-6	181	7	3	100	178						0					0
0	497	497	AMMONIUM NITRATE	006484-52-2	181	7	3	100	178						0					0
-2	501	499	NITROCELLULOSE	009004-70-0	181	4	2	100	178						0			2	3	1
+2	498	500	CARBON-14	014762-75-5	181	4	2	100	178						0			1	3	1
-3	503	500	SULFUR MUSTARD	000505-60-2	181	4	2	100	178						0			1	3	1
-3	503	500	TETRACHLOROTOLUENE	005216-25-1	181	4	2	100	178						0			1	3	1
-2	505	503	CYCLOHEXANOL	000108-93-0	181	6	3	100	178						0					0
-3	507	504	2,5-DIMETHYLPHENOL	000095-87-4	180	3	1	100	178						0			1	3	1
-3	507	504	3-PENTEN-2-ONE	000625-33-2	180	3	1	100	178						0			1	3	1
-3	507	504	METHOMYL	016752-77-5	180	3	1	100	178						0			1	3	1
-3	507	504	NICKEL CHLORIDE	007718-54-9	180	3	1	100	178						0			1	3	1
-3	507	504	SIMAZINE	000122-34-9	180	3	1	100	178						0			1	3	1
-6	515	509	1,2-DICHLOROPROPENE	000563-54-2	180	5	2	100	178						0					0
-6	515	509	3-NITROPHENOL	000554-84-7	180	5	2	100	178						0					0
-6	515	509	AMMONIUM FLUORIDE	012125-01-8	180	5	2	100	178						0					0
-6	515	509	DICHLOROPHENOL	025167-81-1	180	5	2	100	178						0					0
-34	547	513	DIMETHYLPHENOL	001300-71-6	180	13	6	1000	53	5E-02			5E-02	5E-05	120			1	3	1
-5	519	514	1,3,5-TRICHLOROBENZENE	000108-70-3	180	4	2	100	178						0					0
-5	519	514	1,6-DIMETHYLNAPHTHALENE	000575-43-9	180	4	2	100	178						0					0
-5	519	514	2,3-DIMETHYLPHENOL	000526-75-0	180	4	2	100	178						0					0
-5	519	514	2-METHYLPROPANE	000075-28-5	180	4	2	100	178						0					0
-5	519	514	PENTACHLOROMETHOXYBENZENE	001825-21-4	180	4	2	100	178						0					0
-5	519	514	SILANE	007803-62-5	180	4	2	100	178						0					0
-5	519	514	SODIUM HYPOCHLORITE	007681-52-9	180	4	2	100	178						0					0
-24	545	521	PROPANOIC ACID	000079-09-4	179	6	3	5000	10	4E+00			4E+00	7E-04	166			1	3	1
-4	526	522	2,3-DICHLOROPROPENE	000078-88-6	179	3	1	100	178						0					0
-4	526	522	2-CHLOROACETOPHENONE	000532-27-4	179	3	1	100	178						0					0
-4	526	522	3,5-DINITROANILINE	000618-87-1	179	3	1	100	178						0					0
-4	526	522	ASPHALT	008052-42-4	179	3	1	100	178						0					0
-4	526	522	BORON TRIBROMIDE	010294-33-4	179	3	1	100	178						0					0
-4	526	522	BORON TRICHLORIDE	010294-34-5	179	3	1	100	178						0					0
-4	526	522	CARBON BLACK	001333-86-4	179	3	1	100	178						0					0
-4	526	522	CHLOROACETIC ACID	000079-11-8	179	3	1	100	178						0					0
-4	526	522	DIBORANE	019287-45-7	179	3	1	100	178						0					0
-4	526	522	DIETHYLAMINE	000109-89-7	179	3	1	100	178						0					0
-4	526	522	ETHYLAMINE	000075-04-7	179	3	1	100	178						0					0
-4	526	522	FICAM	022781-23-3	179	3	1	100	178						0					0
-4	526	522	POTASSIUM PERMANGANATE	007722-64-7	179	3	1	100	178						0					0
-4	526	522	PROPOXUR	000114-26-1	179	3	1	100	178						0					0
-4	526	522	SODIUM-22	013966-32-0	179	3	1	100	178						0					0
+78	444	522	STRONTIUM-89	014158-27-1	179	3	1	100	178						0					0
-4	526	522	TRIBUTYL PHOSPHATE	000126-73-8	179	3	1	100	178						0					0
-4	526	522	TRIOCTYL PHOSPHATE	000078-42-2	179	3	1	100	178						0					0
-4	526	522	URETHANE, SOLIDIFIED	000051-79-6	179	3	1	100	178						0					0

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+55	486	541	2-METHYLPYRIDINE	000109-06-8	179	3	1	5000	10	4E+00	3E+01		4E+00	8E-04	166			5	3	1
-11	553	542	BENZOPERYLENE	011057-45-7	167	4	2	5000	10		3E+01		5E-03	1E-06	55		1	3	2	100
-7	550	543	TRIGLYCOL DICHLORIDE	000112-26-5	164	6	3	5000	10	2E-01	6E+03		1E+00	3E-04	150			2	3	1
+55	489	544	CYCLOHEXANE	000110-82-7	163	34	16	1000	53		4E-01	6E-04	9E-03	9E-06	92			10	3	1
-9	554	545	BENZALDEHYDE	000100-52-7	159	12	6	1000	53						0		1	3	2	100
-20	566	546	CAPROLACTAM	000105-60-2	157	10	5	5000	10	8E-01			8E-01	2E-04	141			4	3	1
-11	558	547	1-ETHYL-3-METHYLBENZENE	000620-14-4	155	5	2	1000	53						0		1		2	100
-11	558	547	4-NITROTOLUENE	000099-99-0	155	5	2	1000	53						0		1		2	100
-9	556	547	PROPYLENE GLYCOL	000057-55-6	155	5	2	1000	53						0		1		2	100
-11	561	550	BISMUTH-212	014913-49-6	155	4	2	1000	53						0		1		2	100
-8	558	550	CHLOROFLUOROMETHANE	000593-70-4	155	4	2	1000	53						0		1		2	100
-10	562	552	SULFUROUS ACID	007782-99-2	155	3	1	1000	53						0		2		2	100
-10	563	553	DICHLOROPROPANE	026638-19-7	154	3	1	1000	53						0		1	2	2	100
-10	563	553	ISOBUTYRALDEHYDE	000078-84-2	154	3	1	1000	53						0		1		2	100
+138	417	555	1,2,4,5-TETRACHLOROBENZENE	000095-94-3	131	16	8	5000	10	1E-01	4E+01		1E-01	3E-05	112			8	3	1
+5	551	556	OCTACHLOROCYCLOPENTENE	000706-78-5	123	8	4	1000	53	3E-04	7E+00		2E-03	2E-06	65			6	3	1
-12	569	557	3,5-DIMETHYLPHENOL	000108-68-9	122	3	1	1000	53		1E+01		2E-03	2E-06	67			1	3	1
-12	570	558	CERIUM	007440-45-1	114	8	4	5000	10						0		1	2	2	100
-101	660	559	ETHYLMETHYLBENZENE	025550-14-5	113	7	3	5000	10						0		1	1	2	100
-101	660	559	LIME, HYDRATED	001305-62-0	113	7	3	5000	10						0		1	2	2	100
-10	571	561	BENZOPHENANTHRENE	000195-19-7	113	6	3	5000	10						0		1	1	2	100
-10	571	561	NEODYMIUM	007440-00-8	113	6	3	5000	10						0		1	1	2	100
-11	574	563	DICHLOROTRIFLUOROETHANE	034077-87-7	112	5	2	5000	10						0		1		2	100
-11	574	563	DYSPROSIUM	007429-91-6	112	5	2	5000	10						0		1	1	2	100
-11	574	563	EUROPIUM	007440-53-1	112	5	2	5000	10						0		1	1	2	100
-11	574	563	PRASEODYMIUM	007440-10-0	112	5	2	5000	10						0		1	1	2	100
-11	574	563	SAMARIUM	007440-19-9	112	5	2	5000	10						0		1	1	2	100
-11	574	563	TETRACHLOROBENZENE	012408-10-5	112	5	2	5000	10						0		1	1	2	100
-5	574	569	2,2-DICHLOROPROPIONIC ACID	000075-99-0	112	4	2	5000	10						0		1		2	100
-12	581	569	YTTERBIUM	007440-64-4	112	4	2	5000	10						0		1	1	2	100
-11	582	571	GALLIUM	007440-55-3	112	3	1	5000	10			7E-06	1E-04	2E-08	0		3	1	2	100
-10	582	572	SCANDIUM	007440-20-2	111	3	1	5000	10						0		1	1	2	100
-13	586	573	INDAN	000496-11-7	80	14	7	1000	53	2E-05	5E-01		1E-04	1E-07	19			8	3	1
-14	588	574	BENZO(B)THIOPHENE	000095-15-8	76	12	6	1000	53	3E-05	3E-01		1E-04	1E-07	16			6	3	1
+26	549	575	SODIUM HYDROXIDE	001310-73-2	72	40	19	1000	53						0					0
-11	587	576	NITRIC ACID	007697-37-2	66	28	13	1000	53						0					0
+25	552	577	1,3-DICHLOROPROPANE	000142-28-9	65	22	10	1000	53						0			2	3	1
-11	589	578	HYDROGEN PEROXIDE	007722-84-1	59	12	6	1000	53						0					0
-11	590	579	ACETYLENE	000074-86-2	58	9	4	1000	53						0			1	3	1
-11	591	580	POTASSIUM HYDROXIDE	001310-58-3	58	11	5	1000	53						0					0
-11	592	581	LIME	001305-78-8	57	7	3	1000	53						0			1	3	1
-12	594	582	ALUMINUM OXIDE	001344-28-1	57	9	4	1000	53						0					0
-12	594	582	HEXANOIC ACID	000142-62-1	57	9	4	1000	53						0					0
-8	592	584	THORIUM-234	015065-10-8	57	6	3	1000	53						0			1	3	1
-13	598	585	ISOQUINOLINE	000119-65-3	56	5	2	1000	53						0			2	3	1

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-13	599	586	2-PENTANONE	000107-87-9	56	5	2	1000	53						0			1	3	1
-13	599	586	TRIPHENYLENE	000217-59-4	56	5	2	1000	53						0			1	3	1
-13	601	588	3-CHLOROPROPENE	000107-05-1	56	7	3	1000	53						0					0
-9	597	588	HYDROGEN	001333-74-0	56	7	3	1000	53						0					0
-13	603	590	BUTYRALDEHYDE	000123-72-8	56	4	2	1000	53						0			1	3	1
-13	603	590	THIOPHENE	000110-02-1	56	4	2	1000	53						0			1	3	1
-13	605	592	BROMOETHANE	000074-96-4	56	6	3	1000	53						0					0
-13	605	592	ZINC CHLORIDE	007646-85-7	56	6	3	1000	53						0					0
+283	311	594	METHYL METHACRYLATE	000080-62-6	56	3	1	1000	53						0			3	3	1
-12	607	595	4-CHLOROBENZOIC ACID	000074-11-3	55	3	1	1000	53						0			1	3	1
-12	607	595	BENZOTRIFLUORIDE	000098-08-8	55	3	1	1000	53						0			1	3	1
-12	607	595	PHENYL ACETIC ACID	000122-79-2	55	3	1	1000	53						0			1	3	1
-12	607	595	PROMETON	001610-18-0	55	3	1	1000	53						0			1	3	1
-12	607	595	TETRACHLOROBUTADIENE	058334-79-5	55	3	1	1000	53						0			1	3	1
+43	557	600	AMMONIUM SULFATE	007783-20-2	55	5	2	1000	53						0					0
-12	612	600	ANTIMONY TRIOXIDE	001309-64-4	55	5	2	1000	53						0					0
-12	612	600	CALCIUM CHLORIDE	010043-52-4	55	5	2	1000	53						0					0
-12	612	600	CELLOSOLVE	000110-80-5	55	5	2	1000	53						0					0
-12	612	600	FERRIC CHLORIDE	007705-08-0	55	5	2	1000	53						0					0
-12	612	600	TURPENTINE	008006-64-2	55	5	2	1000	53						0					0
-11	617	606	AMYL ALCOHOL	000071-41-0	55	4	2	1000	53						0					0
-11	617	606	BENZOTHIAZOLE	000095-16-9	55	4	2	1000	53						0					0
-11	617	606	FERROUS SULFATE	007720-78-7	55	4	2	1000	53						0					0
-11	617	606	HEXANAL	000066-25-1	55	4	2	1000	53						0					0
-11	617	606	MAGNESIUM OXIDE	001309-48-4	55	4	2	1000	53						0					0
-11	617	606	PENTANOIC ACID	000109-52-4	55	4	2	1000	53						0					0
-11	617	606	SILICON TETRACHLORIDE	010026-04-7	55	4	2	1000	53						0					0
-11	617	606	SODIUM AZIDE	026628-22-8	55	4	2	1000	53						0					0
-11	617	606	SULFONIC ACIDS	308076-40-6	55	4	2	1000	53						0					0
-13	628	615	1-(2-PROPENYL)NAPHTHALENE	002489-86-3	54	3	1	1000	53						0					0
-13	628	615	1-CHLORO-2-BROMOPROPANE	003017-95-6	54	3	1	1000	53						0					0
-13	628	615	2-CHLOROPYRIDINE	000109-09-1	54	3	1	1000	53						0					0
-2	617	615	2-METHYL-2-PROPANOL	000075-65-0	54	3	1	1000	53						0					0
-2	617	615	4,4'-(1-METHYLETHYLIDENE)BIS-PHENOL	000080-05-7	54	3	1	1000	53						0					0
-13	628	615	9,10-ANTHRACENEDIONE	000084-65-1	54	3	1	1000	53						0					0
-13	628	615	AMMONIUM PERSULFATE	007727-54-0	54	3	1	1000	53						0					0
-13	628	615	BARIUM CHLORIDE	010361-37-2	54	3	1	1000	53						0					0
-13	628	615	BENZOYL PEROXIDE	000094-36-0	54	3	1	1000	53						0					0
-13	628	615	BORON TRIFLUORIDE	007637-07-2	54	3	1	1000	53						0					0
-13	628	615	CHLORONITROBENZENE	025167-93-5	54	3	1	1000	53						0					0
-13	628	615	DIMETHYLAMINE	000124-40-3	54	3	1	1000	53						0					0
-13	628	615	HEXAHYDROAZEPINONE	070874-80-5	54	3	1	1000	53						0					0
-13	628	615	MANGANESE DIOXIDE	001313-13-9	54	3	1	1000	53						0					0
-13	628	615	METHACRYLONITRILE	000126-98-7	54	3	1	1000	53						0					0
-13	628	615	NITROMETHANE	000075-52-5	54	3	1	1000	53						0					0

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
-13	628	615	PHOSPHORUS OXYCHLORIDE	010025-87-3	54	3	1	1000	53						0					0
-13	628	615	P-METHYL STYRENE	000622-97-9	54	3	1	1000	53						0					0
-13	628	615	PROPANIL	000709-98-8	54	3	1	1000	53						0					0
-13	628	615	TANNIN	001401-55-4	54	3	1	1000	53						0					0
-13	628	615	TELVAR	000150-68-5	54	3	1	1000	53						0					0
-13	628	615	THIONYL CHLORIDE	007719-09-7	54	3	1	1000	53						0					0
-13	628	615	TRIETHANOLAMINE	000102-71-6	54	3	1	1000	53						0					0
-11	649	638	VINYL TOLUENE	025013-15-4	54	6	3	5000	10	1E+01			2E-03	4E-07	40			3	3	1
-11	650	639	DIBENZODIOXIN	000262-12-4	21	20	10	5000	10	4E-02			8E-06	2E-09	0			2	3	1
-11	651	640	2-BUTOXYETHANOL	000111-76-2	21	20	10	5000	10						0			1	3	1
New		641	BENZO(A)PERYLENE	000191-85-5	20	3	1	5000	10	1E+00			3E-04	6E-08	8			1	3	1
-10	652	642	ACETIC ACID	000064-19-7	20	19	9	5000	10						0			1	3	1
-10	653	643	BUTANOL	000071-36-3	19	16	8	5000	10						0			1	3	1
-10	654	644	INDENE	000095-13-6	18	14	7	5000	10	1E-05			1E-05	2E-09	0			8	3	1
-10	655	645	QUINOLINE	000091-22-5	18	14	7	5000	10	7E-06			7E-06	1E-09	0			4	3	1
-10	656	646	CYCLOHEXANONE	000108-94-1	16	13	6	5000	10						0					0
-10	657	647	METHYL ISOBUTYL CARBINOL	000108-11-2	15	9	4	5000	10						0			1	3	1
-10	658	648	ACETOPHENONE	000098-86-2	15	10	5	5000	10						0					0
-10	658	648	SEC-BUTYL ALCOHOL	000078-92-2	15	10	5	5000	10						0					0
-21	671	650	TRIETHYLAMINE	000121-44-8	14	7	3	5000	10						0			1	3	1
-11	662	651	ISOBUTYL ALCOHOL	000078-83-1	14	9	4	5000	10						0					0
-11	663	652	1-ETHYL-2-METHYLBENZENE	000611-14-3	14	8	4	5000	10						0					0
-11	664	653	1,4-OXATHIANE	015980-15-1	13	5	2	5000	10						0			1	3	1
-12	665	653	BROMOBENZENE	000108-86-1	13	5	2	5000	10						0			1	3	1
-12	665	653	CAMPHOR	000076-22-2	13	5	2	5000	10						0			1	3	1
-11	667	656	2-ETHOXY ETHER ACETATE	000111-15-9	13	7	3	5000	10						0					0
-11	668	657	CHLORONAPHTHALENE	025586-43-0	13	4	2	5000	10						0			2	3	1
-11	669	658	DICHLOROTOLUENE	029797-40-8	13	4	2	5000	10						0			1	3	1
-11	669	658	PHENANTHRIDINE	000229-87-8	13	4	2	5000	10						0			1	3	1
-11	671	660	BENZONITRILE	000100-47-0	13	6	3	5000	10						0					0
-11	671	660	ETHANOLAMINE	000141-43-5	13	6	3	5000	10						0					0
-12	674	662	CYCLOPROPYLBENZENE	000873-49-4	12	3	1	5000	10						0			1	3	1
-12	674	662	DICHLORONAPHTHALENE	028699-88-9	12	3	1	5000	10						0			1	3	1
-12	674	662	METHYLBENZOIC ACID	025567-10-6	12	3	1	5000	10						0			1	3	1
-12	674	662	METHYLPENTANONE	063072-44-6	12	3	1	5000	10						0			1	3	1
-12	674	662	TRICHLORONAPHTHALENE	001321-65-9	12	3	1	5000	10						0			1	3	1
-12	679	667	1-HEXANOL	000111-27-3	12	5	2	5000	10						0					0
-12	679	667	ADIPIC ACID	000124-04-9	12	5	2	5000	10						0					0
-12	679	667	AMMONIUM CHLORIDE	012125-02-9	12	5	2	5000	10						0					0
-12	679	667	COAL FLY ASH	068131-74-8	12	5	2	5000	10						0					0
-12	679	667	METHYL-2-PYRROLIDINONE	051013-18-4	12	5	2	5000	10						0					0
-12	679	667	TRISODIUM PHOSPHATE	007601-54-9	12	5	2	5000	10						0					0
-12	685	673	2-CYCLOHEXEN-1-ONE	000930-68-7	12	4	2	5000	10						0					0
-12	685	673	BORIC ACID	010043-35-3	12	4	2	5000	10						0					0
-12	685	673	DICHLOROSILANE	004109-96-0	12	4	2	5000	10						0					0

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts
-12	685	673	FURFURAL	000098-01-1	12	4	2	5000	10						0					0
-12	685	673	OLEIC ACID	000112-80-1	12	4	2	5000	10						0					0
-12	685	673	PHTHALIC ANHYDRIDE	000085-44-9	12	4	2	5000	10						0					0
-12	685	673	TITANIUM DIOXIDE	013463-67-7	12	4	2	5000	10						0					0
-12	692	680	2-PENTANOL	006032-29-7	11	3	1	5000	10						0					0
-12	692	680	ACRYLAMIDE	000079-06-1	11	3	1	5000	10						0					0
-12	692	680	ALUMINUM HYDROXIDE	021645-51-2	11	3	1	5000	10						0					0
-12	692	680	AMMONIUM THIOCYANATE	001762-95-4	11	3	1	5000	10						0					0
-12	692	680	BORAX	001303-96-4	11	3	1	5000	10						0					0
-12	692	680	DIBENZ(A,J)ANTHRACENE	000224-41-9	11	3	1	5000	10						0					0
-12	692	680	EDTA	000060-00-4	11	3	1	5000	10						0					0
-12	692	680	ETHYLENEDIAMINE	000107-15-3	11	3	1	5000	10						0					0
-12	692	680	FLUOROBORIC ACID	016872-11-0	11	3	1	5000	10						0					0
-12	692	680	NITROANILINE	029757-24-2	11	3	1	5000	10						0					0
-12	692	680	NONANOIC ACID	000112-05-0	11	3	1	5000	10						0					0
-12	692	680	OLEUM	008014-95-7	11	3	1	5000	10						0					0
-12	692	680	POLYVINYL CHLORIDE	009002-86-2	11	3	1	5000	10						0					0
-12	692	680	SODIUM HEXAMETAPHOSPHATE	010124-56-8	11	3	1	5000	10						0					0
-12	692	680	SODIUM SILICATE	006834-92-0	11	3	1	5000	10						0					0
-12	692	680	TANTALUM	007440-25-7	11	3	1	5000	10						0					0
-12	692	680	TRIETHYL PHOSPHATE	000078-40-0	11	3	1	5000	10						0					0
-12	692	680	TRITON X 100	009002-93-1	11	3	1	5000	10						0					0
-12	692	680	TURCO	100831-41-2	11	3	1	5000	10						0					0
-13	712	699	1,4-DITHIANE	000505-29-3	0	5	2	50000	0	1E+00			1E+00	2E-05	105			3	3	1
-13	712	699	1-METHYLPYRENE	002381-21-7	0	4	2	50000	0						0			1	3	1
-13	712	699	2-BUTOXYETHANOL PHOSPHATE	039454-62-1	0	3	1	50000	0						0					0
-13	712	699	2-METHYL-2,4-PENTANEDIOL	000107-41-5	0	4	2	50000	0	2E-01			2E-01	4E-06	76			2	3	1
-13	712	699	2-NITROANILINE	000088-74-4	0	16	8	50000	0	2E-01	2E+02	1E-04	2E-01	4E-06	78		2	5	2	100
-13	712	699	2-PROPYL-1-HEPTANOL	010042-59-8	0	3	1	50000	0						0					0
-13	712	699	4-ETHYLTOLUENE	000622-96-8	0	7	3	50000	0			8E-03	1E-01	2E-06	70		1	2	2	100
-13	712	699	9-HEXADECANOIC ACID	000057-10-3	0	19	9	50000	0						0			1	3	1
-13	712	699	ACRYLIC ACID POLYMER	009003-01-4	0	3	1	50000	0						0					0
-13	712	699	ARGON	007440-37-1	0	7	3	50000	0						0					0
-13	712	699	BARIUM SULFATE	007727-43-7	0	3	1	50000	0						0					0
-13	712	699	BATTERIES, SCRAP	094551-99-2	0	4	2	50000	0						0					0
-13	712	699	BENZENEACETIC ACID	000103-82-2	0	3	1	50000	0						0					0
-13	712	699	BENZILIC ACID	000076-93-7	0	11	5	50000	0	2E+00			2E+00	4E-05	117			2	3	1
-13	712	699	BENZO(GHI)FLUORANTHENE	000203-12-3	0	3	1	50000	0						0					0
-13	712	699	BENZOTHIOPHENE	011095-43-5	0	3	1	50000	0						0					0
-13	712	699	BENZYL ALCOHOL	000100-51-6	0	93	44	50000	0	2E-02	2E+00	4E-05	2E-02	5E-07	43	1	6	14	1	200
-13	712	699	BICARBONATE OF SODA	000144-55-8	0	3	1	50000	0	2E+03			2E+03	3E-02	230			1	3	1
+233	466	699	BIS(2-CHLOROISOPROPYL) ETHER	039638-32-9	0	9	4	50000	0	7E-03			7E-03	1E-07	23		1	2	2	100
-13	712	699	BUTANOL	035296-72-1	0	4	2	50000	0						0			1	3	1
-13	712	699	BUTYL CARBITOL	000112-34-5	0	5	2	50000	0						0					0
-13	712	699	CALCIUM	007440-70-2	0	453	216	50000	0	1E+02	2E+04	6E+00	2E+02	4E-03	193	43	93	132	1	207

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-13	712	699	CALCIUM CARBONATE	001317-65-3	0	34	16	50000	0						0			1	3		1
-13	712	699	CALCIUM SULFATE	007778-18-9	0	6	3	50000	0						0						0
-13	712	699	CARBAMIC ACID	000463-77-4	0	3	1	50000	0						0						0
-13	712	699	CARBON	007440-44-0	0	18	9	50000	0			3E-02	4E-01	9E-06	91		3	3	2	100	
-13	712	699	CARBON DIOXIDE	000124-38-9	0	4	2	50000	0						0			2	3	1	
-13	712	699	CESIUM	007440-46-2	0	7	3	50000	0						0		1	1	2	100	
-13	712	699	CHLORIDE	016887-00-6	0	304	145	50000	0	5E+02	2E+02	3E-01	5E+02	1E-02	209	11	17	46	1	202	
-13	712	699	DACTHAL	001861-32-1	0	3	1	50000	0	2E-02	8E+00	6E-04	4E-02	7E-07	49	3	6		1	200	
-13	712	699	DDE, O,P'-	003424-82-6	0	5	2	50000	0	3E-01	3E+01		3E-01	6E-06	85	1	3	7	1	200	
-13	712	699	DIACETONE ALCOHOL	000123-42-2	0	15	7	50000	0	1E+02			1E+02	2E-03	182	1	1		1	200	
-13	712	699	DICHLOROFLUOROMETHANE	000075-43-4	0	45	21	50000	0	9E-02		2E-02	5E-01	9E-06	92	2	3	13	1	200	
-13	712	699	DIETHYL CARBITOL	000112-36-7	0	3	1	50000	0						0			1	3	1	
-13	712	699	ETCHANT BUFFERED OXIDE	103171-30-8	0	3	1	50000	0						0					0	
-13	712	699	FATTY ACIDS	067254-79-9	0	4	2	50000	0						0					0	
-13	712	699	FREON 114	000076-14-2	0	6	3	50000	0			2E-02	3E-01	5E-06	83			5	3	1	
-13	712	699	GOLD	007440-57-5	0	8	4	50000	0			1E-05	2E-04	4E-09	0		3	1	2	100	
-13	712	699	HELIUM	007440-59-7	0	4	2	50000	0						0					0	
-13	712	699	HEPTANAL	000111-71-7	0	5	2	50000	0						0			1	3	1	
-13	712	699	HEXAMETHYLDISILAZANE	000999-97-3	0	5	2	50000	0						0					0	
-13	712	699	HEXANEDIOIC ACID, DIOCTYL ESTER	000123-79-5	0	3	1	50000	0						0					0	
-13	712	699	HYDROGEN CARBONATE	000071-52-3	0	12	6	50000	0						0					0	
-13	712	699	INDOLE	000120-72-9	0	11	5	50000	0						0			1	3	1	
-13	712	699	IODIDE	020461-54-5	0	3	1	50000	0						0					0	
-13	712	699	IRON	007439-89-6	0	780	372	50000	0	1E+01	3E+04	2E-02	2E+01	4E-04	153	115	191	439	1	220	
-13	712	699	IRON OXIDE	001332-37-2	0	6	3	50000	0						0			1	3	1	
-13	712	699	LANTHANUM	007439-91-0	0	11	5	50000	0			2E-04	3E-03	5E-08	6	2	6	2	1	200	
-13	712	699	MAGNESIUM	007439-95-4	0	489	233	50000	0	3E+01	6E+03	9E-02	4E+01	7E-04	165	44	105	178	1	208	
-13	712	699	MAGNESIUM HYDROXIDE	001309-42-8	0	5	2	50000	0						0					0	
-13	712	699	METHYL BENZOATE	000093-58-3	0	4	2	50000	0						0					0	
-13	712	699	METHYLINDENE	029036-25-7	0	3	1	50000	0						0					0	
-13	712	699	NITROGEN	007727-37-9	0	40	19	50000	0	1E+01			1E+01	3E-04	150	1	1	2	1	200	
-13	712	699	NITROGEN OXIDE	010024-97-2	0	9	4	50000	0						0					0	
-13	712	699	OCTADECANOIC ACID	000057-11-4	0	3	1	50000	0	3E-02			3E-02	5E-07	45			2	3	1	
-13	712	699	OCTANAL	000124-13-0	0	3	1	50000	0						0			1	3	1	
-13	712	699	OCTANOIC ACID	000124-07-2	0	5	2	50000	0						0					0	
-13	712	699	OXYGEN	007782-44-7	0	4	2	50000	0						0					0	
-13	712	699	PHTHALIC ACID	000088-99-3	0	13	6	50000	0	4E+00			4E+00	7E-05	127		1	8	2	100	
-13	712	699	POLYESTER RESINS	063148-69-6	0	4	2	50000	0						0					0	
-13	712	699	POLYETHYLENE	009002-88-4	0	3	1	50000	0						0					0	
-13	712	699	POLYVINYL ALCOHOL	009002-89-5	0	4	2	50000	0						0					0	
-13	712	699	POTASSIUM	007440-09-7	0	383	183	50000	0	1E+01	1E+03	4E-01	2E+01	4E-04	155	30	74	110	1	205	
-13	712	699	POTASSIUM CARBONATE	000584-08-7	0	4	2	50000	0						0					0	
-13	712	699	POTASSIUM CHLORIDE	007447-40-7	0	4	2	50000	0						0					0	
-13	712	699	RUBIDIUM	007440-17-7	0	9	4	50000	0			6E-06	9E-05	2E-09	0	2	4	2	1	200	
-13	712	699	SILICA, AMORPHOUS	007631-86-9	0	37	18	50000	0						0	1			1	200	

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-13	712	699	SILICON	007440-21-3	0	38	18	50000	0	6E+01		3E-01	6E+01	1E-03	174					1	200
-13	712	699	SODIUM	007440-23-5	0	505	241	50000	0	1E+02	8E+02	1E+00	2E+02	3E-03	189	51	101	236	1	209	
-13	712	699	SODIUM CHLORIDE	007647-14-5	0	7	3	50000	0						0						0
-13	712	699	SODIUM NITRATE	007631-99-4	0	3	1	50000	0						0						0
-13	712	699	SODIUM SULFATE	007757-82-6	0	8	4	50000	0						0						0
-13	712	699	SODIUM SULFITE	007757-83-7	0	3	1	50000	0						0						0
-13	712	699	STRONTIUM	007440-24-6	0	102	49	50000	0						0	6	5	19	1	201	
-13	712	699	SULFATE	014808-79-8	0	302	144	50000	0	7E+02	5E+03	1E-01	7E+02	1E-02	216	11	31	81	1	202	
-13	712	699	SULFUR HEXAFLUORIDE	002551-62-4	0	3	1	50000	0						0						0
-13	712	699	TETRADECANOIC ACID	000544-63-8	0	3	1	50000	0						0						0
-13	712	699	TETRAHYDRONAPHTHALENE	000119-64-2	0	3	1	50000	0						0						0
-13	712	699	TETRAMETHYLBENZENE	025619-60-7	0	3	1	50000	0						0						0
-13	712	699	TRICHLOROTRIFLUOROETHANE	026523-64-8	0	27	13	50000	0	3E-02	8E-02	2E-02	3E-01	6E-06	84	1	6	8	1	200	
-13	712	699	TRIFLUOROMETHANE	000075-46-7	0	5	2	50000	0						0						0
-13	712	699	TROMETHAMINE	000077-86-1	0	3	1	50000	0						0						0
-13	712	699	YTTRIUM	007440-65-5	0	29	14	50000	0		1E-01	6E-06	1E-04	2E-09	0	2	5	2	1	200	
-13	712	699	ZIRCONIUM	007440-67-7	0	20	10	50000	0			2E-05	3E-04	6E-09	0	1	5	2	1	200	
New		783	(1,1'-BIPHENYL)-4-CARBOXALDEHYDE	003218-36-8	-1	3	1	0	0						0	1			1	200	
-14	797	783	1,2,3-TRIMETHYLBENZENE	000526-73-8	-1	3	1	0	0						0						0
-14	797	783	1,2,4-TRIMETHYLBENZENE	000095-63-6	-1	74	35	0	0	2E-02	2E+02	1E-02	2E-01		0	6	21	26	1	201	
-14	797	783	1,3,5-CYCLOHEPTATRIENE	000544-25-2	-1	6	3	0	0						0			1	3	1	1
-14	797	783	1,3,5-TRIMETHYLBENZENE	000108-67-8	-1	53	25	1000	0	4E-02	4E+02	8E-03	2E-01		0	4	10	16	1	201	
-14	797	783	1,3-DIMETHYLCYCLOPENTANE	002453-00-1	-1	3	1	0	0						0						0
-14	797	783	2-HEXENE	000592-43-8	-1	3	1	0	0						0						0
-14	797	783	2-METHYL-1-PENTENE	000763-29-1	-1	4	2	0	0						0				2	3	1
-14	797	783	2-METHYLBUTANE	000078-78-4	-1	7	3	0	0			2E-02	3E-01		0	1	1	1	1	1	200
-14	797	783	2-METHYLHEXANE	000591-76-4	-1	4	2	0	0						0						0
-14	797	783	2-METHYLPENTANE	000107-83-5	-1	4	2	0	0						0				2	3	1
-14	797	783	3-METHYLHEXANE	000589-34-4	-1	6	3	0	0						0						0
-14	797	783	3-METHYLPENTANE	000096-14-0	-1	6	3	0	0						0		1	2	2	100	100
-14	797	783	4-METHYLOCTANE	002216-34-4	-1	3	1	0	0						0						0
-14	797	783	AUTOMOTIVE GASOLINE	008006-61-9	-1	31	15	0	0	3E-02	5E+03		1E+00		0	1	3	2	1	200	200
-14	797	783	BUTANE	000106-97-8	-1	11	5	0	0			6E-02	9E-01		0	1		3	1	200	200
-14	797	783	BUTYLBENZENE	068411-44-9	-1	3	1	0	0						0		1	1	2	100	100
-14	797	783	CUTTING OIL	064771-79-5	-1	4	2	0	0						0						0
-14	797	783	CYCLOHEXADECANE	000295-65-8	-1	3	1	0	0						0			1	3	1	1
-14	797	783	CYCLOPENTANE	000287-92-3	-1	3	1	0	0						0						0
-14	797	783	DECANE	000124-18-5	-1	21	10	0	0			2E-01	3E+00		0		2	1	2	100	100
-14	797	783	DICYCLOPENTADIENE	000077-73-6	-1	5	2	0	0	1E-01	2E+02		2E-01		0		1	4	2	100	100
-14	797	783	DIESEL FUEL	068334-30-5	-1	25	12	0	0	4E-01	7E+02		5E-01		0	1	3	5	1	200	200
-14	797	783	DIMETHYL HEXANE	028777-67-5	-1	3	1	0	0			3E-02	4E-01		0				2	3	1
-14	797	783	DIMETHYLCYCLOHEXANE	027195-67-1	-1	5	2	0	0						0			1	3	1	1
-14	797	783	DIMETHYLHEPTANE	030498-66-9	-1	4	2	0	0						0						0
-14	797	783	DODECANE	000112-40-3	-1	8	4	0	0						0		1		2	100	100
-14	797	783	EICOSANE	000112-95-8	-1	5	2	0	0	1E+00	1E+03		1E+00		0	1	1	8	1	200	200

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Rank Diff	2007 Rank	2011 Rank	Name	CAS	Total Pts	NPL Freq	Freq Pts	Tox	Tox Pts	GMMC Water	GMMC Soil	GMMC Air	TDD	SC	SC Pts	Exp to C	Exp to M	PExp to M	Exp Used	Exp Pts	
-14	797	783	ETHANE	000074-84-0	-1	5	2	0	0						0			1	3	1	0
-14	797	783	ETHYLENE	000074-85-1	-1	11	5	0	0						0						0
-14	797	783	FUEL OIL NO. 2	068476-30-2	-1	4	2	0	0						0						0
-14	797	783	FUEL OIL NO. 6	068553-00-4	-1	3	1	0	0						0			1	3	1	1
-14	797	783	GREASE	068153-81-1	-1	6	3	0	0						0			2	3	1	1
-14	797	783	HENEICOSANE	000629-94-7	-1	3	1	0	0						0						0
-14	797	783	HEPTADECANE	000629-78-7	-1	18	9	0	0	7E-01	5E+02		8E-01		0	1	2	8	1	200	1
-14	797	783	HEXADECANE	000544-76-3	-1	16	8	0	0	6E+00	3E+02		6E+00		0	1	3	8	1	200	1
-14	797	783	JP-4	050815-00-4	-1	8	4	0	0	1E+00			1E+00		0			1	3	1	1
-14	797	783	KEROSENE	008008-20-6	-1	23	11	0	0						0						0
New		783	LUBRICATING OILS	074869-22-0	-1	3	1	0	0						0			3	3	1	1
-14	797	783	METHYLCYCLOHEXANE	000108-87-2	-1	23	11	0	0		5E-01		1E-04		0		1	4	2	100	100
-14	797	783	METHYLCYCLOPENTANE	000096-37-7	-1	14	7	0	0						0	1		3	1	200	200
-14	797	783	MINERAL OIL	008012-95-1	-1	7	3	0	0						0						0
-14	797	783	MINERAL SPIRITS	064475-85-0	-1	11	5	0	0						0						0
-14	797	783	NAPALM	008031-21-8	-1	5	2	0	0						0						0
-14	797	783	NAPHTHA	008030-30-6	-1	27	13	0	0						0			2	3	1	1
-14	797	783	N-BUTYLBENZENE	000104-51-8	-1	21	10	0	0	3E-02	1E+00	4E-03	9E-02		0	1	5	4	1	200	200
-14	797	783	N-HEPTANE	000142-82-5	-1	27	13	0	0			2E-03	3E-02		0	2	2	3	1	200	200
-14	797	783	NONANE	000111-84-2	-1	16	8	0	0						0		1		2	100	100
-14	797	783	N-PENTANE	000109-66-0	-1	28	13	0	0			9E-01	1E+01		0	2		6	1	200	200
-14	797	783	N-PROPYL BENZENE	000103-65-1	-1	33	16	0	0	6E-03	1E+01	1E-02	2E-01		0	2	7	6	1	200	200
-14	797	783	N-TETRADECANE	000629-59-4	-1	3	1	0	0						0		1		2	100	100
-14	797	783	N-UNDECANE	001120-21-4	-1	5	2	0	0						0		1		2	100	100
-14	797	783	OCTADECANE	000593-45-3	-1	4	2	0	0	2E+00	5E+02		2E+00		0	1	2	6	1	200	200
-14	797	783	OCTANE	000111-65-9	-1	21	10	0	0			7E-03	1E-01		0		1	2	2	100	100
-14	797	783	PENTADECANE	000629-62-9	-1	11	5	0	0						0		1	4	2	100	100
-14	797	783	PETROLEUM AND PETROLEUM DISTILLATES	008002-05-9	-1	108	51	0	0	1E+02	1E+04		1E+02		0	1	1	27	1	200	200
-14	797	783	PETROLEUM ETHER	008032-32-4	-1	3	1	0	0						0						0
-14	797	783	PROPANE	000074-98-6	-1	12	6	0	0						0	1			1	200	200
-14	797	783	PROPENYLBENZENE	000637-50-3	-1	5	2	0	0						0						0
-14	797	783	PROPYLENE	000115-07-1	-1	9	4	0	0			2E-03	2E-02		0	1		3	1	200	200
-14	797	783	STODDARD SOLVENT	008052-41-3	-1	7	3	0	0						0						0
-14	797	783	TRIDECANE	000629-50-5	-1	6	3	0	0						0		1		2	100	100
-14	797	783	TRIMETHYL BENZENE	025551-13-7	-1	25	12	0	0			6E-02	9E-01		0		1	6	2	100	100
-14	797	783	TRIMETHYLCYCLOHEXANE	003073-66-3	-1	5	2	0	0						0		1	1	2	100	100
-14	797	783	TRIMETHYLPENTANE	029222-48-8	-1	6	3	0	0						0			1	3	1	1

In 2011, there were 847 candidate substances. Only the top-most 275 are considered to be on ATSDR’s Substance Priority List.

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