

## 2006 California Toxic Inventory (Based on The Almanac 2007 - tons/yr)

POLN	Stationary Point	Stationary Aggregated	Areawide	Onroad Diesel	Onroad Gasoline	Other Mobile Gasoline	Other Mobile Diesel	Other Mobile Other	Natural	TOTAL
1,1,2,2-Tetrachloroethane	0.94	0.0007								0.94
1,1,2-Trichloroethane	0.10	0.0000002								0.10
1,1-Dichloroethane	0.97	39								40
1,2,4-Trimethylbenzene	36	47	228	162	3,279	1,191	255	26		5,225
1,2-Dichlorobenzene	5.8		0.7							6.56
1,2-Dichloropropane	0.08	0.0002								0.08
1,2-Epoxybutane	0.012		0.7							0.70
1,3-Butadiene	8	8	789	58	1,151	766	91	213	937	4,020
1,3-Dichloropropene	0.08	0.000002	2187							2,187
1,4-Dioxane	1.7	0.0002								1.69
2,2,4-Trimethylpentane	14	1,171	178	91	11,640	2,604	144	24		15,866
2,3,3',4,4',5,5'-Heptachlorobiphenyl {PCB 189}	0.000023									0.00002
2,3',4,4',5'-Pentachlorobiphenyl {PCB 123}	0.00021									0.0002
2,3-Dibromo-1-propanol	0.029									0.029
2,4,5-Trichlorophenol	0.00030									0.0003
2-Methylaziridine {1,2-Propyleneimine}	0.000075									0.00008
2-Methylactonitrile {Acetone cyanohydrin}	0.022									0.022
3,3',4,4',5,5'-Hexachlorobiphenyl {PCB 169}	0.00011									0.00011
3,3',4,4'-Tetrachlorobiphenyl {PCB 77}	0.00014									0.00014
3,3'-Dichlorobenzidine	0.000010									0.000010
3-Methylcholanthrene	0.000005									0.000005
4,4'-Isopropylidenediphenol	0.018									0.018
4,4'-Methylenedianiline (and its dichloride)	0.29									0.29
4-4-Methylene bis(2-chloroaniline) {MOCA}	0.037									0.04
7,12-Dimethylbenz[a]anthracene	0.00013									0.00013
Acetaldehyde	64	100	1653	2,240	919	905	3,534	610	9,619	19,644
Acetonitrile	0.019									0.019
Acrolein	10	0.87	6,649	171	229	166	239	262	250	7,977
Acrylamide	0.00009									0.00009
Acrylic acid	0.000008									0.000008
Acrylonitrile	2.0	40								42
Allyl alcohol	0.76									0.76
Aluminum	15	1.5	96071	9			5	0.013	41	96,143
Aluminum oxide (fibrous)	0.000025									0.00003
Ammonia	8,709	20,556	218769	88	22,254				32,030	302,407
Ammonium nitrate	0.25									0.25
Ammonium sulfate	0.033									0.033
Aniline	0.0015									0.0015
Antimony	0.025	0.04	49	2			2.3	0.006		54

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Antimony trioxide	0.00032									0.0003
Arsenic	1.9	10	17	0.12			0.06	15	2.2	47
Arsenic compounds (inorganic)	0.10									0.10
Arsine	0.00010									0.00010
Asbestos	0.14									0.14
Barium	12	10	889	284			8	0.02		1,204
Benzene	174	1,057	122	609	5,426	3,322	962	342	46	12,061
Benzidine (and its salts)	0.000011									0.000011
Benzoyl peroxide	0.0088									0.009
Benzyl chloride	0.35									0.35
Beryllium	0.11	0.0000015								0.11
Biphenyl	0.22	0.00002								0.22
Bis(2-chloroethyl) ether {DCEE}	0.000000009									0.000000009
Bromine	0.68	0.028	34	0.44	3	2.6	0.18	0.05	3.5	45
Bromodichloromethane		40								40
Bromoform	0.0026									0.0026
Butyl acrylate			0.2							0.24
Butyl benzyl phthalate	0.20		9							9.43
Butyraldehyde	0.039	24		570	74	46	899	159		1,773
Cadmium	0.55	1.7	15	1			1.1	1.45		21
Carbon black extracts	0.35									0.35
Carbon disulfide	0.73	0.0015								0.73
Carbon monoxide	313									313
Carbon tetrachloride	2.0	0.00007								1.96
Carbonyl sulfide	0.14	0.0007								0.14
Chlorinated Fluorocarbon {CFC-113} {1,1,2-T	12	1,852								1,863
Chlorine	26	8.6	4216	40	424	365	4	6	355	5,445
Chlorine dioxide	0.57									0.57
Chlorobenzene	1.9	9.6	4					1.37		17
Chlorobenzenes	0.20									0.20
Chlorobenzilate	0.35									0.35
Chlorodifluoromethane {Freon 22}	2.2	0.29								2.47
Chloroform	19	0.0002								19
Chlorophenols	0.0023									0.0023
Chloropicrin			1687							1,687
Chloroprene	0.033									0.033
Chlorothalonil			2							1.59
Chromium	2.2	19	112	6	3	2.6	0.16	15		161
* Chromium, hexavalent (& compounds)	0.10	0.12	0.01	0.01	0.15	0.13	0.008	0.00059		0.53
Coal tars	0.0101									0.010
Cobalt	0.05	0.14	58	0.10	3	2.6	0.10	0.05		64

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Copper	13	13	130	60	3	2.6	0.5	0.05	1.8	225
Cresols (mixtures of) {Cresylic acid}	0.34		2							2.20
Crotonaldehyde	0.0120	0.97			110	120		303		534
Cumene	0.23	3.8	19	6	106	52	10	1.01		197
Cumene hydroperoxide	0.00019									0.0002
Cyclohexane	1.6	433	158	9	1,341	1,000	14	1.32		2,958
Cyclohexanol			14							14
Decabromodiphenyl Oxide			1.0							1.00
Di(2-ethylhexyl) phthalate	0.44		1.0							1.44
Dibenz[a,j]acridine	0.000037									0.00004
Dibenzofurans (chlorinated) {PCDFs} [Treated	0.017									0.017
Dibutyl phthalate	0.65		5							5.25
Dichlorobenzenes (mixed isomers)	0.21									0.21
Dichlorodifluoromethane {Freon 12}	0.026									0.026
Dichlorofluoromethane {Freon 21}	8.4									8.35
Diesel engine exhaust, particulate matter (Die	293	936		17,003			16,228	7935		42,395
Diesel engine exhaust, total organic gas	16	0.08								16
Diethanolamine	0.98		0.6							1.57
Diethylene glycol	2.6		195							198
Diethylene glycol dimethyl ether	0.00015									0.0002
Diethylene glycol monobutyl ether	25	95	740							861
Diethylene glycol monoethyl ether	1.4	6.2	418							426
Diethylene glycol monomethyl ether	2.0	24	266							292
Diglycidyl resorcinol ether {DGRE}			1.0							1.00
Dimethyl formamide	3.1		2							4.61
Dimethyl phthalate	1.4									1.36
* Dioxins, total, w/o individ. isomers reported {P	0.000003									0.000003
* Dioxins, total, with individ. isomers also report	0.0016									0.0016
* Dioxins/Benzofurans	0.019									0.019
Dipropylene glycol	0.15		64							65
Dipropylene glycol monomethyl ether	1.7	16	320							338
Epichlorohydrin	1.5		0.6							2.09
Epoxy resins	2.8									2.82
Ethyl acrylate	0.18									0.18
Ethyl benzene	63	186	411	94	3,680	1,489	149	39		6,112
Ethyl chloride {Chloroethane}	0.89	18								19
Ethylene	1.7	871	14693	4,382	12,251	8,457	6,914	2558	35,823	85,953
Ethylene dibromide {EDB}	0.44	0.0005								0.44
Ethylene dichloride {EDC}	2.0	0.0007								1.97
Ethylene glycol	20	27	2561							2,608
Ethylene glycol dimethyl ether	0.0067									0.007

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Ethylene glycol monobutyl ether	193	982	2706							3,881
Ethylene glycol monoethyl ether	8.8	13	6							28
Ethylene glycol monoethyl ether acetate	12	18	9							39
Ethylene glycol monomethyl ether	1.3		0.3							1.58
Ethylene glycol monomethyl ether acetate	0.33									0.33
Ethylene glycol monopropyl ether	6.2		37							43
Ethylene oxide	2.9	0.0001	23							26
Ethylene thiourea	0.022									0.022
Fluorides and compounds	0.036									0.04
Fluorocarbons (chlorinated)	41									41
Folpet			1.0							1.00
Formaldehyde	625	1,252	2005	4,483	3,052	2,770	7,073	1897		23,156
Gasoline engine exhaust, particulate matter	0.05									0.05
Gasoline engine exhaust, total organic gas	1.5									1.54
Gasoline vapors	447	0.007								447
Glutaraldehyde	0.07		26							26
Glycol ethers (and their acetates)	52									52
Hexachlorobenzene	0.000030									0.00003
Hexachlorobutadiene	0.025									0.025
Hexachlorocyclopentadiene	0.000000006									0.000000006
Hexamethylene-1,6-diisocyanate	0.08									0.08
Hexane	233	1,531	1564	49	3,558	2,098	77	55		9,164
Hydrochloric acid	420	0.10						0.10		420
Hydrocyanic acid	73									73
Hydrogen bromide	0.30	0.30								0.60
Hydrogen fluoride	3.1									3.11
Hydrogen sulfide	855									855
Hydroquinone	0.17									0.17
Iron pentacarbonyl	0.0072									0.007
Isobutyraldehyde	0.10	0.000007								0.10
Isocyanates	1.9									1.85
Isophorone	0.22									0.22
Isoprene, except from vegetative emission so	0.00016	1.3			302	129			280,591	281,023
Isopropyl alcohol	486	3,189	17721							21,396
Lead	6.8	2.5	242	1			0.5	16	4	274
Lead compounds (inorganic)	0.19									0.19
Lead compounds (other than inorganic)	0.000025									0.00002
Maleic anhydride	0.07									0.07
Manganese	20	1.5	966	9	3	2.6	0.4	0.05	7	1,010
Mercury	0.91	0.0062	13	0.44			0.4	0.002		15
Methanol	248	286	2856	9	409	323	14	0.28	55,201	59,347

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Methyl bromide {Bromomethane}	34		4900							4,934
Methyl chloride {Chloromethane}	2.9	15								18
Methyl chloroform {1,1,1-Trichloroethane}	74	15,267	884							16,225
Methyl ethyl ketone {2-Butanone}	210	2,263	1162	451	82	55	712	15		4,951
Methyl isobutyl ketone {Hexone}	54	359	355							769
Methyl methacrylate	4.5		4							8.41
Methyl tert-butyl ether	237	0.018						3		240
Methylene bromide	0.0026	0.0000001								0.0026
Methylene chloride {Dichloromethane}	151	2,776	3599							6,527
Methylene diphenyl diisocyanate {MDI}	0.16		3							3.15
Mineral oils (untreated and mildly treated oils)	20									20
Molybdenum trioxide	0.00009									0.00009
m-Xylene	2.6	254	123	186	9,792	4,400	293	18		15,068
N,N-Dimethylaniline	0.0008									0.0008
n-Butyl alcohol	101	583	104							789
Nickel	11	15	40	4	3	2.6	0.3	1.50		77
Nitric acid	6.1	0.00001								6.06
Nitrobenzene	0.000000006									0.000000006
N-Nitrosodimethylamine	0.000005									0.000005
N-Nitrosodi-n-propylamine	0.000000009									0.000000009
o-Cresol			3							3.11
o-Xylene	0.65	735	295	104	3,948	1,541	163	55		6,841
* PAHs, total, with individ. components also rep	19	40	709	735	1,209	495	634	68	31	3,940
PCBs {Polychlorinated biphenyls}	0.0023									0.0023
p-Dichlorobenzene	1.9	0.015	1467							1,469
Pentachlorophenol	0.0000000001									0.0000000001
Perchloroethylene {Tetrachloroethene}	721	2,021	2123							4,865
Phenol	29	0.000002	52					27		109
Phenyl glycidyl ether	0.00000003									0.00000003
Phosphine	2.0									1.97
Phosphoric acid	20									20
Phosphorus	2.1	0.06	1817	6			2.0	0.005	19	1,847
Phosphorus oxychloride	0.08									0.08
Phthalic anhydride	0.45									0.45
Propionaldehyde	0.06	13	2598	296	120	120	466	119		3,732
Propylene	39	157	3188	792	6,131	4,635	1,250	821	7,859	24,872
Propylene glycol monomethyl ether	20	37	201							257
Propylene glycol monomethyl ether acetate	15	30	150							195
Propylene oxide	44		0.1							44
p-Xylene	0.12	54	25	30	1,168	61	48	0.95		1,388
Quinone	0.37									0.37

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Radionuclides	0.48									0.48
Radon and its decay products	0.06									0.06
Saccharin	0.0000006									0.0000006
sec-Butyl alcohol	0.17	105	39							144
Selenium	0.55	1.4	3	0.26			0.08	1.45	0.29	6.63
Silica, crystalline (respirable)	762	0.0055								762
Silver	0.041	2.6	4	0.26			0.24	0.0006	1.0	8.03
Sodium hydroxide	94	0.008								94
Sodium o-phenylphenate	0.0007									0.0007
Styrene	254	4.0	27	18	284	120	29	49		786
Sulfuric acid	25	1.4								26
tert-Butyl alcohol	0.027									0.027
Thallium	0.07		13						0.19	13
Thiourea	0.00010									0.00010
Tobacco products, smokeless	0.0086									0.009
Toluene	1,852	9,972	5058	448	15,794	7,376	707	209	46	41,462
Toluene diisocyanates	0.12									0.12
Toluene-2,4-diisocyanate	0.19									0.19
Toluene-2,6-diisocyanate	0.07									0.07
Tributyl phosphate			1.4							1.38
Trichloroethylene	21	61	266							348
Trichlorofluoromethane {Freon 11}	18									18
Triethyl phosphine	0.0017									0.0017
Triethylamine	0.40		3							3.37
Trifluralin			41							41
Trimethylbenzenes	0.00023									0.0002
Urethane	0.00031									0.0003
Vanadium (fume or dust)	0.52	5.7	174	4			0.24	45		229
Vinyl acetate	7.6	0.08	6							14
Vinyl chloride	8.6	35								44
Vinylidene chloride	0.56	0.0006								0.56
Xylenes (mixed)	531	0.25						0.04		531
Zinc	18	3.1	683	27	3	2.6	6	16	184	943
Zinc oxide	2.7									2.71

\* Please see appropriate tabs for more information on these substances