

Use Trends of Pesticides on DPR's Toxic Air Contaminants List: Cumulative Acres Treated

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. The reported cumulative acres treated with chemicals that are on DPR's toxic air contaminants list applied in California. These pesticides are the chemicals listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860. Use includes primarily agricultural applications (Most nonagricultural pesticide use reports are not required to report acreage). The grand total for acres treated may be less than the sum of acres treated for all chemicals because some products contain more than one active ingredient. Values are rounded. N/A means there was not any reported acres treated during that year.

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1,3-dichloropropene	38,849	54,209	59,065	69,422	71,794	69,656	78,332	75,735	70,641	65,635
2,4-d	22,422	22,913	7,565	7,749	10,773	11,041	13,243	12,019	8,704	10,917
2,4-d, 2-ethylhexyl ester	9,020	11,797	10,396	7,703	11,634	8,541	11,339	15,697	9,098	9,668
2,4-d, alkanolamine salts (ethanol and isopropanol amines)	270	172	1	36	26	<1	<1	2	59	28
2,4-d, butoxyethanol ester	5,110	2,542	1,206	1,054	990	1,775	813	1,000	1,438	1,508
2,4-d, butyl ester	6	<1	<1	7	<1	N/A	33	N/A	38	N/A
2,4-d, diethanolamine salt	18,931	27,009	11,075	7,033	8,859	7,547	6,581	8,176	7,087	7,350
2,4-d, dimethylamine salt	529,920	520,477	446,062	378,249	351,869	311,534	329,376	331,889	264,633	290,467
2,4-d, dodecylamine salt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A
2,4-d, isoocetyl ester	2,673	2,424	2,903	414	885	30	97	318	306	483
2,4-d, isopropyl ester	132,302	138,826	145,544	161,007	149,908	136,530	147,250	155,601	149,359	161,120
2,4-d, propyl ester	1,751	895	N/A	N/A	128	N/A	N/A	N/A	N/A	N/A
2,4-d, tetradecylamine salt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A
2,4-d, triethylamine salt	740	165	117	3	<1	10	45	<1	<1	<1

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
2,4-d, triisopropanolamine salt	541	720	623	308	524	936	861	209	45	125
2,4-d, triisopropylamine salt	<1	<1	25	37	653	585	238	<1	75	80
acrolein	1,497	12	45	56	68	306	432	79	34	47
aluminum phosphide	112,063	100,859	133,103	164,083	148,962	150,088	159,056	82,175	70,347	72,600
arsenic acid	N/A	N/A	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic pentoxide	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
arsenic trioxide	<1	<1	<1	<1	N/A	<1	<1	<1	N/A	N/A
captan	173,133	245,464	209,979	209,406	187,988	211,312	212,100	246,074	220,620	218,301
captan, other related	173,083	245,464	209,979	205,402	144,375	119,113	98,445	105,766	100,369	90,049
carbaryl	107,934	81,683	68,394	97,229	96,647	108,805	136,319	116,667	106,737	99,446
chlorine	24,644	88,144	24,253	24,097	<1	38,381	6,258	2,275	<1	323
chloropicrin	49,223	51,805	65,975	63,433	57,605	54,872	53,765	49,149	48,256	41,974
chlorpyrifos	935,588	1,098,958	1,188,543	1,056,026	1,297,150	1,108,317	829,304	641,561	690,834	431,218
chromic acid	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dazomet	301	274	243	594	768	152	368	18	89	35
ddvp	2,685	1,880	5,184	6,530	5,593	3,307	6,282	3,317	787	12
endosulfan	48,639	48,023	19,812	11,134	1,856	8,331	6,561	644	106	13
ethylene oxide	60	N/A	N/A	<1	N/A	<1	N/A	N/A	N/A	N/A
formaldehyde	5	1	6	4	52	2	30	<1	<1	<1
hydrogen chloride	49	116	<1	5	1	155	100	<1	11	3
lindane	10	31	1	N/A	<1	N/A	28	N/A	N/A	N/A
magnesium phosphide	32	145	80	29	19	14	131	9	20	3
mancozeb	146,402	433,887	634,712	678,932	675,754	711,031	740,602	830,305	857,513	715,654
maneb	471,837	290,266	40,588	4,559	1,524	1,006	425	987	1,286	75
meta-cresol	108	79	145	857	614	6	128	690	1,218	253
metam-sodium	75,735	72,748	71,003	58,998	28,105	24,422	24,254	19,437	17,423	20,139
methanol	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	N/A
methidathion	54,227	49,968	34,918	31,741	9,046	3,564	453	198	27	138
methoxychlor	75	90	58	N/A	<1	N/A	<1	8	3	N/A
methoxychlor, other related	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8	N/A	N/A
methyl bromide	40,250	32,293	47,050	30,147	26,359	16,578	12,753	11,031	6,051	5,602
methyl iodide	N/A	N/A	279	37	N/A	N/A	N/A	N/A	N/A	N/A
methyl isothiocyanate	N/A	<1	<1	<1	N/A	<1	<1	<1	<1	<1
methyl parathion	15,198	13,046	13,343	15,551	12,486	<1	298	60	<1	3

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
methyl parathion, other related	15,053	13,029	13,327	15,337	12,440	<1	36	18	N/A	N/A
naphthalene	N/A	3	<1	N/A	<1	N/A	N/A	N/A	<1	<1
para-dichlorobenzene	<1	<1	<1	<1	<1	N/A	N/A	N/A	<1	<1
parathion	195	56	68	15	<1	1	207	82	60	<1
pcnb	1,400	4,429	879	331	605	1,365	811	2,084	3,561	3,333
pcp, other related	N/A	4	1	15	170	3	5	97	296	413
pcp, sodium salt	N/A	N/A	47	N/A	N/A	1	N/A	N/A	N/A	N/A
pentachlorophenol	N/A	4	1	15	170	3	5	97	296	413
phenol	15	N/A	N/A	N/A	114	315	170	557	65	35
phenol, ferrous salt	N/A	N/A	N/A	N/A	N/A	2	N/A	N/A	N/A	N/A
phosphine	50	643	824	687	110	2	25	3	93	112
phosphorus	<1	<1	N/A	74	109	N/A	N/A	N/A	N/A	N/A
potassium n-methyldithiocarbamate	38,277	41,444	44,079	50,361	46,861	39,708	48,504	49,022	47,542	45,459
potassium permanganate	5	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A
propoxur	356	<1	3	<1	4	179	39	19	<1	25
propylene oxide	<1	<1	<1	288	9	<1	<1	<1	14	<1
s,s,s-tributyl phosphorotrithioate	7,182	15,785	27,139	21,894	22,774	15,139	7,582	7,725	10,624	11,007
sodium cyanide	<1	<1	<1	<1	<1	<1	18	<1	<1	<1
sodium dichromate	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	N/A	N/A
sodium tetrathiocarbonate	7,180	7,301	4,826	1,672	N/A	4	N/A	N/A	N/A	N/A
sulfuryl fluoride	361	130	537	532	63	585	153	<1	30	1
trifluralin	492,498	438,784	469,738	466,421	476,388	531,635	480,763	387,998	350,431	339,373
xylene	1,387	589	633	1,010	2,157	1,778	1,225	671	225	270
zinc phosphide	14,512	12,751	21,417	21,685	22,425	44,037	51,789	45,360	55,392	32,849
Total	3,518,176	3,839,221	3,743,166	3,592,148	3,675,434	3,578,879	3,331,339	3,060,614	2,967,389	2,556,162