USE TRENDS OF PESTICIDES ON DPR'S TOXIC AIR CONTAMINANTS LIST.

Table 11: *The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860. Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

| AI | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|
| 1,3-DICHLOROPROPENE | 8,735,190 | 9,595,625 | 9,706,640 | 6,399,515 | 8,796,457 | 10,910,167 | 11,928,106 | 12,929,964 | 13,212,360 |
| 2,4-D | 1,735 | 2,755 | 11,619 | 10,788 | 12,526 | 5,400 | 4,281 | 5,949 | 6,384 |
| 2,4-D, 2-ETHYLHEXYL ESTER | 21,062 | 15,029 | 20,464 | 15,113 | 74,398 | 25,794 | 27,685 | 25,694 | 21,434 |
| 2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOPROPANOL AMINES) | 16 | 29 | 25 | 131 | 516 | 1 | 16 | 18 | <1 |
| 2,4-D, BUTOXYETHANOL ESTER | 1,720 | 843 | 1,775 | 2,751 | 1,368 | 1,757 | 1,807 | 2,988 | 2,870 |
| 2,4-D, BUTOXYPROPYL ESTER | <1 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,4-D, BUTYL ESTER | 15 | 9 | 0 | 2 | 3 | 4 | 7 | 26 | 0 |
| 2,4-D, DIETHANOLAMINE SALT | 2,947 | 4,025 | 5,533 | 4,913 | 6,872 | 3,165 | 2,649 | 2,875 | 3,943 |
| 2,4-D, DIMETHYLAMINE SALT | 439,100 | 397,197 | 466,872 | 446,575 | 488,863 | 408,926 | 371,696 | 352,074 | 328,326 |
| 2,4-D, DODECYLAMINE SALT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,4-D, HEPTYLAMINE SALT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,4-D, ISOOCTYL ESTER | 10,627 | 11,572 | 9,603 | 4,446 | 4,214 | 5,361 | 4,623 | 2,156 | 764 |
| 2,4-D, ISOPROPYL ESTER | 10,863 | 10,578 | 10,671 | 13,123 | 11,682 | 19,073 | 13,467 | 11,750 | 10,278 |
| 2,4-D, N-OLEYL-1,3-PROPYLENEDIAMINE SALT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,4-D, OCTYL ESTER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,4-D, PROPYL ESTER | 398 | 212 | 141 | 99 | 57 | 0 | 0 | 6 | 0 |
| 2,4-D, TETRADECYLAMINE SALT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,4-D, TRIETHYLAMINE SALT | 1,614 | 383 | 332 | 472 | 2,829 | 106 | 5 | <1 | 23 |
| 2,4-D, TRIISOPROPANOLAMINE SALT | 1,133 | 985 | 1,140 | 1,930 | 2,092 | 2,741 | 1,746 | 1,588 | 2,439 |
| 2,4-D, TRIISOPROPYLAMINE SALT | 458 | 636 | 472 | 1,941 | 1,655 | 1,971 | 770 | 1,263 | 1,871 |
| ACROLEIN | 246,659 | 201,156 | 215,822 | 161,637 | 123,660 | 101,425 | 114,130 | 99,023 | 84,220 |
| ALUMINUM PHOSPHIDE | 151,037 | 105,169 | 132,296 | 108,084 | 108,406 | 157,112 | 148,814 | 138,517 | 109,688 |
| ARSENIC ACID | 3 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 |
| ARSENIC PENTOXIDE | 474,517 | 7,805 | 7,433 | 400 | 16,144 | 8,034 | 9,240 | 8,480 | 16,719 |
| ARSENIC TRIOXIDE | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0 | <1 |
| CAPTAN | 510,661 | 456,475 | 362,757 | 329,747 | 450,225 | 376,607 | 403,834 | 350,056 | 368,557 |
| CAPTAN, OTHER RELATED | 11,217 | 10,131 | 8,031 | 7,374 | 10,002 | 8,395 | 8,918 | 5,982 | 4,680 |
| CARBARYL | 156,997 | 142,010 | 126,742 | 135,301 | 114,077 | 74,944 | 113,904 | 117,358 | 130,576 |
| CHLORINE | 730,986 | 857,144 | 1,278,580 | 585,673 | 1,011,383 | 834,152 | 1,437,637 | 1,323,645 | 800,013 |
| CHLOROPICRIN | 5,036,411 | 5,501,992 | 5,586,157 | 5,683,908 | 6,394,837 | 7,309,227 | 8,930,375 | 8,218,442 | 8,988,621 |
| CHROMIC ACID | 662,927 | 10,904 | 10,384 | 559 | 22,555 | 11,224 | 12,908 | 11,847 | 23,358 |
| DAZOMET | 34,310 | 37,537 | 40,272 | 65,725 | 60,539 | 59,245 | 39,229 | 63,920 | 58,577 |

Table 11: (continued) *The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.*

| AI | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|
| DDVP | 6,577 | 6,376 | 6,859 | 4,164 | 4,169 | 5,325 | 4,686 | 4,619 | 4,006 |
| ENDOSULFAN | 92,757 | 52,403 | 59,917 | 41,840 | 37,799 | 15,679 | 11,113 | 1,833 | 8,136 |
| ETHYLENE OXIDE | 0 | 2 | 3 | 7 | 0 | 0 | 8 | 0 | <1 |
| FORMALDEHYDE | 73,392 | 47,733 | 24,306 | 3,972 | 5,511 | 4,615 | 3,847 | 11,165 | 52,989 |
| HYDROGEN CHLORIDE | 2,464 | 1,470 | 4,318 | 3,976 | 2,240 | 504 | 336 | 395 | 412 |
| LINDANE | 379 | 2 | 21 | 8 | 18 | 1 | 0 | 2 | 0 |
| MAGNESIUM PHOSPHIDE | 3,931 | 5,132 | 10,507 | 8,009 | 12,233 | 12,757 | 11,497 | 12,372 | 7,550 |
| MANCOZEB | 662,040 | 408,652 | 330,238 | 281,639 | 757,664 | 1,045,741 | 1,130,499 | 1,149,305 | 1,277,899 |
| MANEB | 1,181,738 | 1,061,028 | 861,006 | 656,648 | 370,333 | 53,964 | 6,260 | 1,382 | 1,202 |
| META-CRESOL | <1 | <1 | <1 | <1 | <1 | 1 | 2 | 7 | <1 |
| METAM-SODIUM | 11,422,382 | 9,929,803 | 9,497,379 | 9,027,455 | 11,428,818 | 10,861,059 | 8,428,341 | 4,846,389 | 4,142,910 |
| METHANOL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| METHIDATHION | 56,691 | 45,666 | 47,203 | 47,319 | 51,343 | 29,545 | 23,396 | 6,375 | 3,614 |
| METHOXYCHLOR | 130 | 6 | 0 | 8 | 270 | 39 | 0 | <1 | 0 |
| METHOXYCHLOR, OTHER RELATED | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| METHYL BROMIDE | 6,542,161 | 6,448,643 | 5,693,325 | 5,615,653 | 4,809,311 | 4,036,362 | 4,002,785 | 3,535,174 | 2,964,438 |
| METHYL ISOTHIOCYANATE | 1,073 | 388 | 0 | 0 | 73 | 476 | 764 | 0 | 92 |
| METHYL PARATHION | 84,785 | 75,385 | 34,110 | 25,770 | 21,427 | 22,970 | 25,408 | 21,520 | 481 |
| METHYL PARATHION, OTHER RELATED | 4,447 | 3,960 | 1,792 | 1,355 | 1,127 | 1,195 | 1,334 | 1,131 | <1 |
| NAPHTHALENE | 0 | 0 | 0 | 0 | 1 | <1 | 0 | <1 | 0 |
| PARA-DICHLOROBENZENE | 0 | 15 | 1 | 17 | 0 | <1 | 18 | <1 | 0 |
| PARATHION | 1,542 | 479 | 33 | 118 | 248 | 196 | 25 | <1 | 22 |
| PCNB | 32,786 | 30,689 | 29,188 | 24,637 | 37,378 | 11,841 | 17,414 | 26,131 | 23,191 |
| PCP, OTHER RELATED | 3 | 2 | 1 | 0 | <1 | 3 | 32 | 39 | 2 |
| PCP, SODIUM SALT | 0 | <1 | 0 | 0 | 0 | <1 | 0 | 0 | <1 |
| PCP, SODIUM SALT, OTHER RELATED | 0 | <1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PENTACHLOROPHENOL | 27 | 22 | 4 | 0 | 3 | 18 | 224 | 274 | 11 |
| PHENOL | <1 | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 3 |
| PHENOL, FERROUS SALT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <1 |
| PHOSPHINE | 3,491 | 5,286 | 48,243 | 29,527 | 11,291 | 122,424 | 51,143 | 20,783 | 11,313 |
| PHOSPHORUS | 2 | <1 | <1 | <1 | 1 | 0 | 4 | 3 | 0 |
| POTASSIUM N-METHYLDITHIOCARBAMATE | 3,202,884 | 3,785,436 | 5,524,647 | 4,102,412 | 4,832,615 | 5,673,371 | 8,320,255 | 9,484,467 | 7,707,984 |
| POTASSIUM PERMANGANATE | 0 | 0 | 0 | 109 | 0 | 0 | 0 | 0 | 15 |
| PROPOXUR | 212 | 191 | 188 | 202 | 298 | 808 | 359 | 373 | 251 |
| PROPYLENE OXIDE | 133,028 | 110,068 | 105,600 | 111,609 | 300,008 | 431,192 | 385,340 | 410,360 | 388,282 |
| S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE | 78,084 | 45,757 | 16,335 | 8,161 | 18,427 | 30,328 | 21,820 | 19,077 | 11,683 |
| SODIUM CYANIDE | 2,853 | 2,670 | 3,406 | 2,579 | 2,502 | 1,073 | 2,588 | 2,593 | 2,611 |

Table 11: (continued) *The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.*

| AI | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|
| SODIUM DICHROMATE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| SODIUM TETRATHIOCARBONATE | 171,204 | 391,303 | 354,294 | 249,580 | 233,949 | 168,761 | 49,713 | 385 | 120 |
| SULFURYL FLUORIDE | 2,880,853 | 2,152,451 | 2,120,860 | 2,184,823 | 2,728,977 | 2,356,623 | 2,660,628 | 3,048,445 | 2,793,063 |
| TRIFLURALIN | 1,049,147 | 908,614 | 676,386 | 533,307 | 473,502 | 497,778 | 485,852 | 503,789 | 513,208 |
| XYLENE | 1,418 | 1,173 | 576 | 517 | 1,060 | 282 | 372 | 1,181 | 1,693 |
| ZINC PHOSPHIDE | 3,794 | 3,215 | 1,299 | 20,898 | 1,745 | 2,543 | 2,249 | 2,201 | 3,596 |
| TOTAL | 44,938,875 | 42,894,223 | 43,455,817 | 36,966,528 | 43,859,702 | 45,712,316 | 49,224,158 | 46,785,395 | 44,096,479 |