

## Pesticide-Related Illness and Injury Reported in 1998 By County<sup>1</sup>

(includes both occupational and non-occupational)

	Agricultural <sup>2</sup>					Non-Agricultural					Total Ag and Non-Ag
	Systemic <sup>3</sup>		Topical <sup>3</sup>		Total Ag	Systemic		Topical		Total Non-Ag	
	Def/ Pro <sup>4</sup>	Pos <sup>5</sup>	Def/ Pro	Pos		Def/ Pro	Pos	Def/ Pro	Pos		
Alameda	0	0	0	0	0	2	4	10	1	17	17
Butte	0	2	0	1	3	0	0	4	0	4	7
Calaveras	0	0	0	0	0	2	0	2	0	4	4
Colusa	0	1	2	1	4	0	0	2	0	2	6
Contra Costa	0	1	0	0	1	2	1	3	2	8	9
Del Norte	0	0	1	0	1	0	1	0	0	1	2
El Dorado	0	0	0	0	0	0	0	2	0	2	2
Fresno	36	8	13	12	69	7	8	12	1	28	97
Glenn	0	1	0	2	3	0	0	0	1	1	4
Humboldt	0	0	0	0	0	1	0	2	1	4	4
Imperial	4	4	3	0	11	0	0	1	0	1	12
Kern	9	13	5	19	46	3	1	0	0	4	50
Kings	3	2	2	2	9	1	4	2	0	7	16
Lake	0	0	0	0	0	2	0	1	0	3	3
Los Angeles	0	0	0	0	0	34	47	44	8	133	133
Madera	6	3	3	2	14	3	1	3	0	7	21
Marin	0	0	0	0	0	5	1	4	0	10	10
Mariposa	0	0	0	0	0	1	0	0	0	1	1
Mendocino	0	0	0	0	0	1	1	1	0	3	3
Merced	13	5	3	5	26	4	1	3	0	8	34
Modoc	0	0	0	0	0	2	0	0	0	2	2
Monterey	19	8	11	1	39	5	2	4	0	11	50
Napa	0	2	0	1	3	0	0	3	0	3	6
Nevada	0	0	0	0	0	0	1	0	0	1	1
Orange	0	0	0	0	0	9	5	20	6	40	40
Placer	0	0	0	0	0	7	0	1	0	8	8
Plumas	0	0	0	0	0	0	1	0	0	1	1
Riverside	9	0	3	2	14	3	5	12	1	21	35

**Pesticide-Related Illnesses by County: 1998**

	Agricultural <sup>2</sup>					Non-Agricultural					Total Ag and Non-Ag
	Systemic <sup>3</sup>		Topical <sup>3</sup>		Total Ag	Systemic		Topical		Total Non-Ag	
	Def/Pro <sup>4</sup>	Pos <sup>5</sup>	Def/Pro	Pos		Def/Pro	Pos	Def/Pro	Pos		
Sacramento	4	7	1	0	12	5	1	2	3	11	23
San Benito	0	0	0	2	2	0	0	1	0	1	3
San Bernardino	1	0	0	0	1	8	6	15	1	30	31
San Diego	0	2	0	0	2	38	14	6	1	59	61
San Francisco	0	0	0	0	0	2	1	1	0	4	4
San Joaquin	0	5	4	6	15	9	3	7	2	21	36
San Luis Obispo	0	0	1	0	1	1	3	1	0	5	6
San Mateo	0	0	0	1	1	5	3	2	2	12	13
Santa Barbara	0	2	0	0	2	1	0	1	0	2	4
Santa Clara	0	0	0	1	1	6	17	9	8	40	41
Santa Cruz	0	0	1	2	3	3	0	1	0	4	7
Shasta	0	0	0	0	0	0	0	3	1	4	4
Siskiyou	0	0	1	1	2	5	9	2	0	16	18
Solano	0	0	0	1	1	6	1	2	0	9	10
Sonoma	4	3	1	4	12	8	6	6	0	20	32
Stanislaus	2	6	4	4	16	3	1	12	2	18	34
Sutter	0	1	2	1	4	2	1	0	1	4	8
Tulare	6	4	9	14	33	3	2	8	3	16	49
Ventura	4	2	0	1	7	1	2	3	0	6	13
Yolo	3	5	0	0	8	8	2	2	3	15	23
<b>Total</b>	<b>123</b>	<b>87</b>	<b>70</b>	<b>86</b>	<b>366</b>	<b>208</b>	<b>156</b>	<b>220</b>	<b>48</b>	<b>632</b>	<b>998</b>

Source: Department of Pesticide Regulation, 2000

<sup>1</sup> Counties not listed have no reported illnesses for 1998.

<sup>2</sup> Cases classified as agricultural are those in which people were exposed to pesticides that had been or were being used to contribute to the production of an agricultural commodity.

<sup>3</sup> Topical effects involve direct contact with irritating chemicals, and include symptoms such as rash or watery eyes. Systemic reactions are more invasive and may imitate the toxic effects aimed at target pests, for example, a product designed to disrupt insect nerve function may at excessive levels also cause neurologic symptoms in humans.

<sup>4</sup> "Def/prob" indicates that after evaluation, cases were classified as definitely or probably related to pesticide exposure.

<sup>5</sup> "Pos" indicates that after evaluation, cases were classified as possibly related to pesticide exposure.