

TABLE 10
Illnesses and Injuries Associated with Exposure to Pesticides Reported by
Physicians in California Summarized by Activity and Type of Exposure *
1998

Type Of Activity	Drift ¹	Residue ²	Spray/ Squirt ³	Other Direct ⁴	Ingestion	Other	Not Known	Total
OCCUPATIONAL								
Mixer/Loader	20	1	9	50	0	0	4	84
Applicator	51	4	46	111	0	7	62	281
Packer/Processor (Commodity)	18	9	1	4	0	1	0	33
Field Worker	52	111	1	0	0	4	2	170
Routine Indoor Activity	54	122	3	3	0	3	1	186
Routine Outdoor Activity	42	6	1	1	0	2	1	53
Mechanical Work On Contaminated Equipment	2	2	4	9	0	0	0	17
Manufacture/Formulation	0	0	1	0	0	0	1	2
Transport/Storage/Disposal	0	1	2	28	0	8	5	44
Emergency Response	1	1	0	1	0	5	0	8
Other	11	4	4	13	1	2	0	35
Unknown	0	0	0	1	0	0	0	1
<i>Occupational Totals</i>	<i>251</i>	<i>261</i>	<i>72</i>	<i>221</i>	<i>1</i>	<i>32</i>	<i>76</i>	<i>914</i>
NON-OCCUPATIONAL, less fully reported than occupational cases								
Mechanical Work on Contaminated Equipment	0	1	0	0	0	0	0	1
Routine Outdoor Activity	30	5	0	0	0	0	0	35
Applicator	0	0	0	1	0	0	3	4
Other	2	0	0	1	5	0	0	8
Routine Indoor Activity	19	17	0	0	0	0	0	36
<i>Non-Occupational Totals</i>	<i>51</i>	<i>23</i>	<i>0</i>	<i>2</i>	<i>5</i>	<i>0</i>	<i>3</i>	<i>84</i>
1998 Totals	302	284	72	223	6	32	79	998

* Source: California Department of Pesticide Regulation, Pesticide Illness Surveillance Program

¹ Exposure to drift involves contact with pesticide carried by air from an application site

² Exposure to residue involves contact with pesticide that remains in the environment following an application

³ Exposure by direct spray/squirt involves contact with pesticide propelled by application equipment

⁴ Other direct exposure includes mechanisms such as leaks, splashes, and spills as well as expected direct contact during application (e.g. while washing dishes in a disinfectant solution)