

# PEST Report: 7/1/2015-6/30/2017

## Oregon investigated cases of acute pesticide illness and injury by certainty

	Definite	Probable	Possible	Suspicious	Unlikely	Insufficient Information	Exposed/Asymptomatic	Unrelated	Total
FY2016 <sup>1</sup>	10	11	76	2	13	22	1	3	138
FY2017 <sup>2</sup>	8	2	74	1	9	0 <sup>3</sup>	0 <sup>3</sup>	0 <sup>3</sup>	94

\*All data beyond this point refers to confirmed cases of definite, probable and possible acute pesticide illness and injury.

## Oregon cases of pesticide poisoning by severity

	Fatal	High	Moderate	Low	Total
FY2016 <sup>1</sup>	0	0	6	91	97
FY2017 <sup>2</sup>	0	0	2	82	84

## Most frequent chemical IDs associated with cases of pesticide poisoning in Oregon

FY 2016<sup>1</sup>

Chemical ID/ EPA PC Code	Chemical name	Type of pesticide	Frequency of associated confirmed cases
122001	Sulfometuron	Herbicide	16
122010	Metsulfuron	Herbicide	15
128829	Imazapyr, isopropylamine salt	Herbicide	15
103601	Glyphosate-isopropylammonium	Herbicide	11
103608	Glycine, N-(phosphonomethyl)-, compd. with N-methylmethanamine (1:1)	Herbicide	11
067501	Piperonyl butoxide	Insecticide	6
069001	Pyrethrins	Insecticide	6
111601	Oxyfluorfen	Herbicide	5
128825	Bifenthrin	Insecticide	5
029802	Dicamba, dimethylamine salt	Herbicide	5
030019	2,4-D, dimethylamine salt	Herbicide	5

### Sulfometuron event (application) sites

	Forest	Other	Confirmed cases
122001: Sulfometuron	16	0	16

### Metsulfuron event (application) sites

	Forest	Other	Confirmed cases
122010: Metsulfuron	15	0	15

<sup>1</sup> Report date: 7/1/2015-6/30/2016

<sup>2</sup> Report date: 7/1/2016-6/30/2017

<sup>3</sup> Only confirmed cases were entered into our database for FY2017

### Imazapyr, isopropylamine salt event (application) sites

	Forest	Other	Confirmed cases
128829: Imazapyr, isopropylamine salt	15	0	15

### FY 2017<sup>2</sup>

Chemical ID/ EPA PC Code	Chemical name	Type of pesticide	Frequency of associated confirmed cases
067501	Piperonyl butoxide	Insecticide	32
097805	Deltamethrin	Insecticide	31
118831	beta-Cyfluthrin	Insecticide	31
128722	Prallethrin	Insecticide	30
129032	Pyriproxyfen	Insecticide	29
109303	Esfenvalerate	Insecticide	29
103601	Glyphosate-isopropylammonium	Herbicide	6
417300	Glyphosate	Herbicide	5
109702	Cypermethrin	Insecticide	5
069001	Pyrethrins	Insecticide	4
030053	2,4-D, butoxyethyl ester	Herbicide	4
128829	Imazapyr, isopropylamine salt	Herbicide	4
116004	Triclopyr, butoxyethyl ester	Herbicide	4

### Piperonyl butoxide event (application) sites

	Day care facility	Single family home	Other	Confirmed cases
067501: Piperonyl butoxide	29	3	0	32

### Deltamethrin event (application) sites

	Day care facility	Service establishment	Unknown (community-wide application target)	Other	Confirmed cases
097805: Deltamethrin	29	1	1	0	31

### beta-Cyfluthrin event (application) sites

	Day care facility	Multi-unit housing	Single family home	Other	Confirmed cases
118831: beta-Cyfluthrin	29	1	1	0	31

### Oregon cases of pesticide poisoning by month of onset

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
FY2016 <sup>Error!</sup> Bookmark not defined.	9	14	22	6	2	0	0	5	8	14	9	8	97
FY2017 <sup>2</sup>	10	7	4	6	1	0	1	1	2	5	38	9	84

### Oregon cases of pesticide poisoning by age

FY	00-04	05-09	10-14	15-19	20-24	25-29	30-39	40-49	50-59	60-69	70-79	80+	Unk	Total
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2016 <sup>1</sup>	3	5	2	6	7	7	0	9	11	14	3	3	27	97
2017 <sup>2</sup>	26	3	1	0	2	5	5	7	9	12	1	0	13	84

### Oregon cases of pesticide poisoning by sex<sup>4</sup>

	Female	Male	Unknown	Total
FY2016 <sup>1</sup>	52	45	0	97
FY2017 <sup>2</sup>	47	37	0	84

### Oregon cases of pesticide poisoning by race

	Asian	Black	American Indian/ Alaska Native	White	Unknown	Other	Total
FY2016 <sup>1</sup>	0	1	0	5	91	0	97
FY2017 <sup>2</sup>	0	0	0	3	81	0	84

### Oregon cases of pesticide poisoning by ethnicity

	Hispanic	Not Hispanic	Unknown	Total
FY2016 <sup>1</sup>	1	4	92	97
FY2017 <sup>2</sup>	1	3	80	84

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<sup>4</sup> This report intentionally reports on sex (not gender) as pesticides can medically impact males and females differently from a toxicological standpoint.

## Oregon cases of pesticide poisoning by County

	FY2016 <sup>1</sup>	FY2017 <sup>2</sup>
Baker	1	0
Benton	0	2
Clackamas	8	2
Clatsop	0	4
Columbia	1	0
Coos	0	31
Crook	0	1
Curry	5	2
Deschutes	2	1
Douglas	8	0
Gilliam	0	0
Grant	0	0
Harney	0	1
Hood River	2	0
Jackson	5	1
Jefferson	0	0
Josephine	2	1
Klamath	2	2
Lake	0	0
Lane	18	2
Lincoln	1	0
Linn	4	4
Malheur	2	0
Marion	12	5
Morrow	0	1
Multnomah	8	11
Polk	0	1
Sherman	0	0
Tillamook	1	2
Umatilla	2	1
Union	0	0
Wallowa	0	0
Wasco	0	0
Washington	9	6
Wheeler	0	0
Yamhill	4	3
Total	97	84