



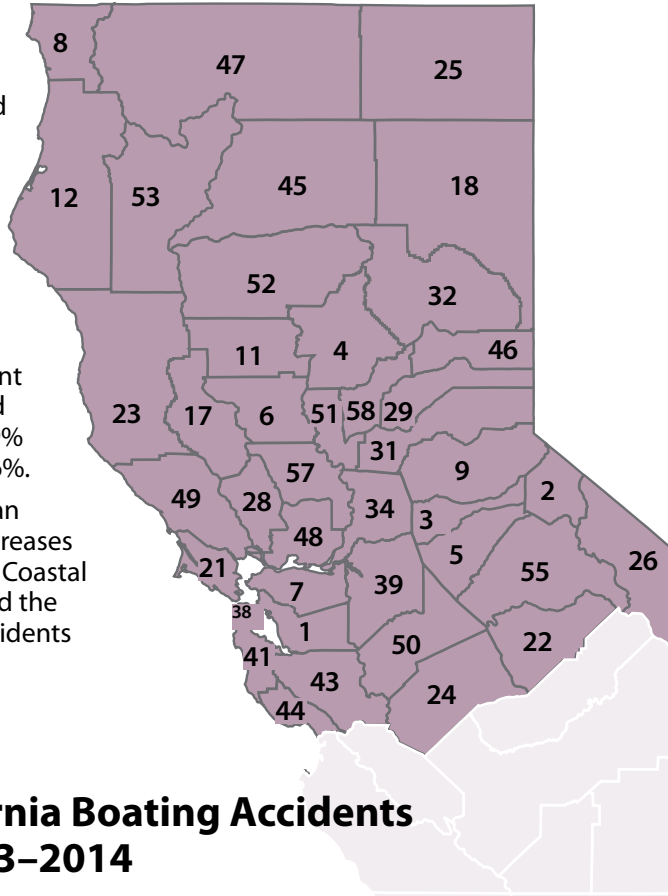
2014 California Recreational Boating Accident General Statistics for Northern California

In 2014, there were 238 boating accidents in Northern California that resulted in 139 injuries and 27 fatalities.

These accidents represented 45% of all accidents statewide, 53% of injuries and 69% of fatalities.

Compared with 2013 Northern California accident totals, accidents decreased 19%, injuries decreased 19% and fatalities decreased 16%.

Northern Rivers and the San Francisco Bay Area saw increases in accidents. But Northern Coastal Waters, Northern Lakes and the Delta saw decreases in accidents from 2013–2014.



Northern California Boating Accidents by Location 2013–2014

Location	2013			2014		
	Accidents	Injuries	Fatalities	Accidents	Injuries	Fatalities
Coastal Waters	31	5	3	22	17	4
Northern Lakes	163	126	15	121	74	10
Northern Rivers	20	7	6	24	8	8
Delta	54	22	5	40	31	2
San Francisco Bay Area	26	12	3	31	9	3
Totals	294	172	32	238	139	27

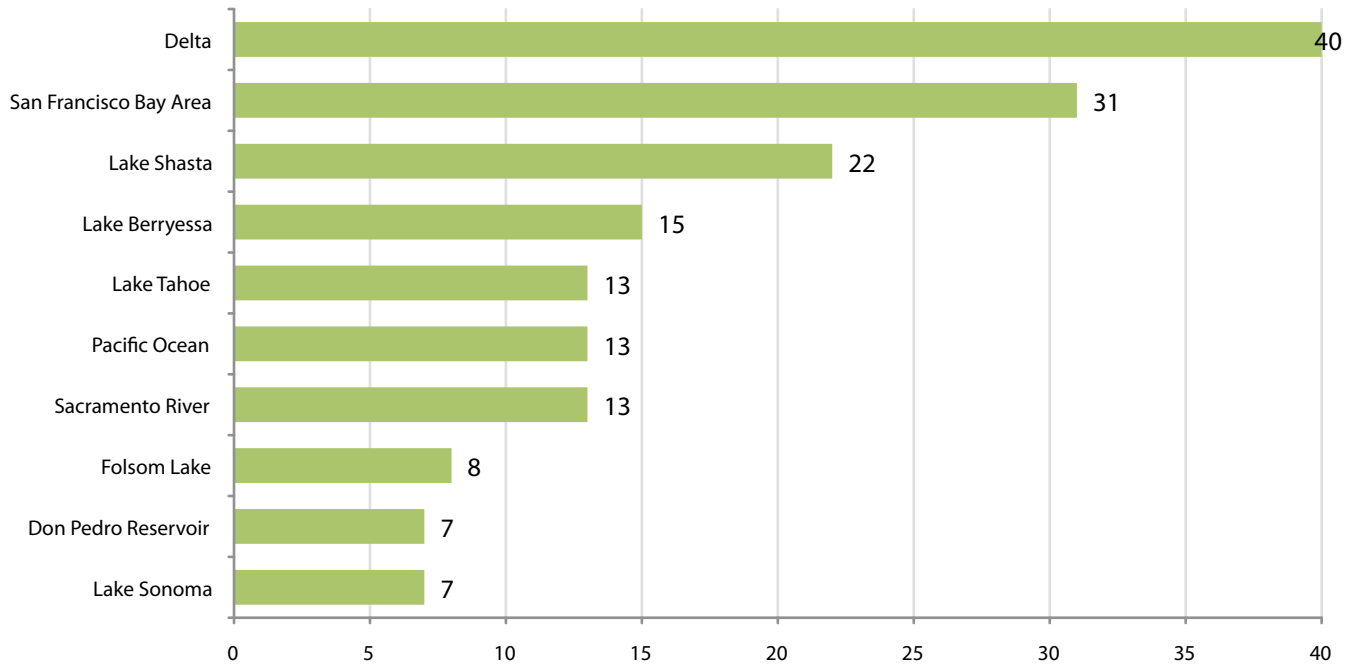
County Number	County
1	Alameda
2	Alpine
3	Amador
4	Butte
5	Calaveras
6	Colusa
7	Contra Costa
8	Del Norte
9	El Dorado
11	Glenn
12	Humboldt
17	Lake
18	Lassen
21	Marin
22	Mariposa
23	Mendocino
24	Merced
25	Modoc
26	Mono
27	Monterey
28	Napa
29	Nevada
31	Placer
32	Plumas
34	Sacramento
38	San Francisco
39	San Joaquin
41	San Mateo
43	Santa Clara
44	Santa Cruz
45	Shasta
46	Sierra
47	Siskiyou
48	Solano
49	Sonoma
50	Stanislaus
51	Sutter
52	Tehama
53	Trinity
55	Tuolumne
57	Yolo
58	Yuba



NORTHERN CALIFORNIA

2014 Top Northern California Boating Accident Areas

(Total Accidents 169)



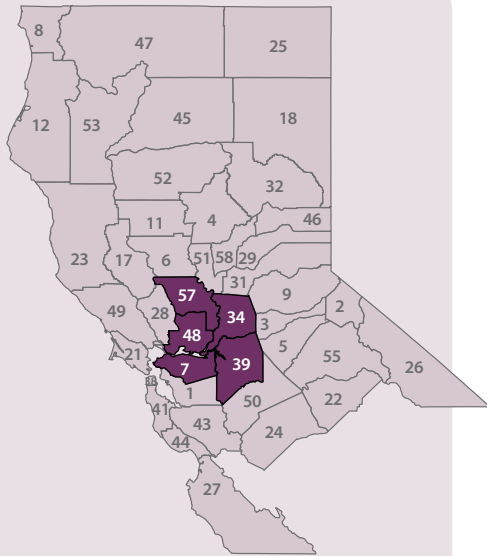
California Delta

Summary Statistics

The Sacramento-San Joaquin Delta had 40 accidents, 31 injuries and 2 fatalities in 2014.

The Delta accounted for 17% of accidents, 22% of injuries and 7% of fatalities in Northern California in 2014.

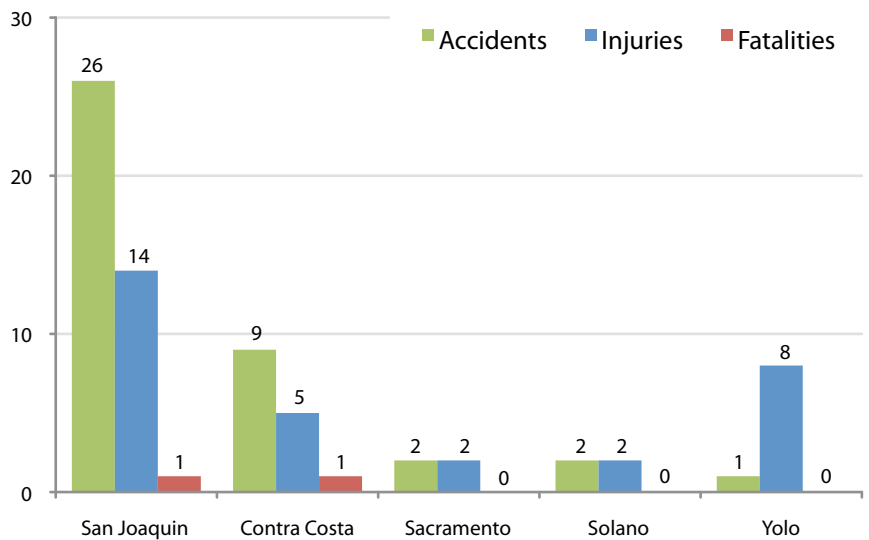
This accounted for 8% of all accidents, 12% of all injuries and 5% of all fatalities in California.



Includes accident statistics for the following counties:

County Number	County
7	Contra Costa
34	Sacramento
39	San Joaquin
48	Solano
57	Yolo

2014 Delta Boating Accidents by County



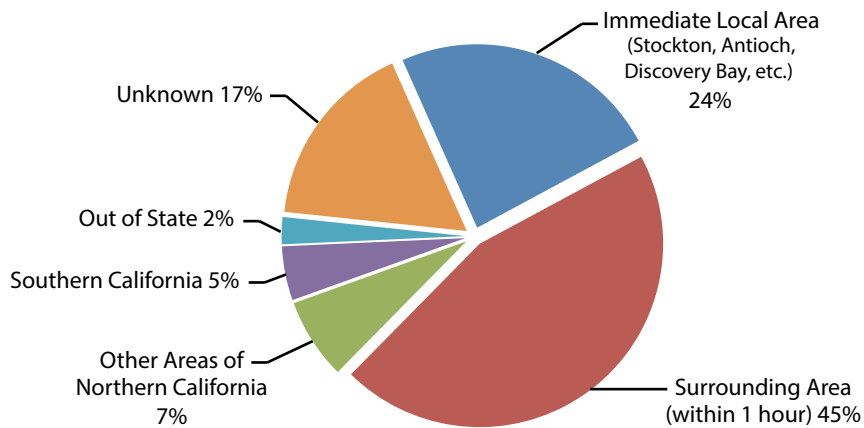
Delta	2010			2011			2012			2013			2014			5-Year Total		
	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fatalities
San Joaquin County	35	29	1	26	10	0	32	11	5	27	13	0	26	14	1	146	77	7
Contra Costa County	22	16	1	19	8	1	19	12	0	17	2	2	9	5	1	86	43	5
Sacramento County	5	7	0	4	5	0	6	4	0	7	3	3	2	2	0	24	21	3
Solano County	12	12	0	9	9	1	9	7	0	3	4	0	2	2	0	35	34	1
Yolo County	1	0	0	0	0	0	0	0	0	0	0	0	1	8	0	2	8	0
Total Delta Combined	75	64	2	58	32	2	66	34	5	54	22	5	40	31	2	293	183	16



Noteworthy Accident Statistics

	Delta	Northern California	California
Percent of Accidents Involving...			
Collisions with Other Vessels	25%	23%	33%
Flooding/ Swamping	20%	20%	19%
Grounding	20%	13%	14%
Water Skiing	3%	15%	9%
Operator Inattention	50%	37%	37%
Excessive Speed	33%	16%	16%
Open Motorboats	63%	52%	44%
Percent of Accidents Occurring on...			
Holiday Weekends	23%	17%	15%
Percent of Vessels that are...			
Operated by Owner	49%	46%	39%

2014 Residence of Operators/Owners Involved in Accidents in the Delta



* Seventy-five percent of operators involved in accidents live within one hour of their accident location.

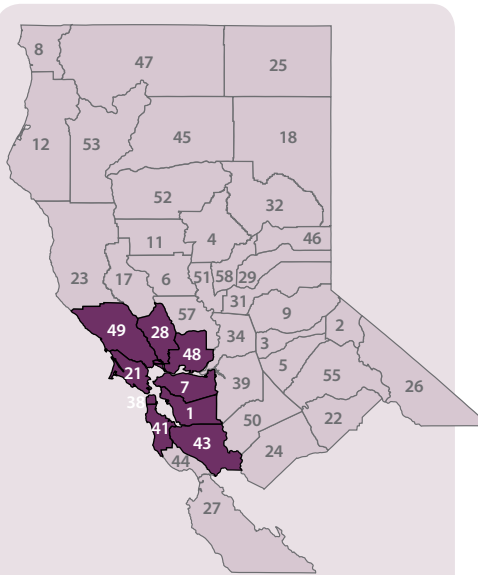
San Francisco Bay Area

Summary Statistics

The San Francisco Bay Area had 31 accidents, 9 injuries and 3 fatalities in 2014.

This accounted for 6% of all accidents, 3% of all injuries and 8% of all fatalities in California.

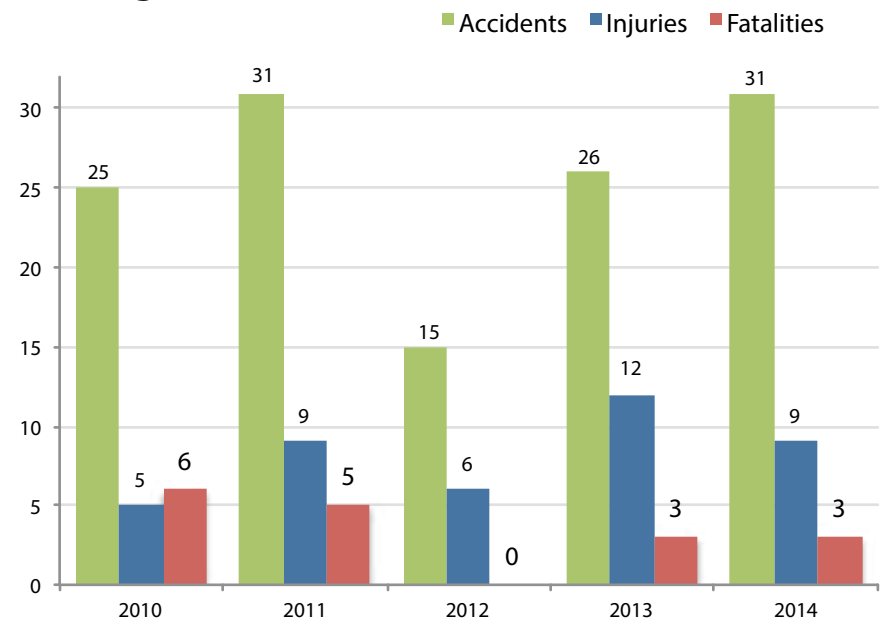
The San Francisco Bay Area accounted for 13% of accidents, 6% of injuries and 11% of fatalities in Northern California in 2014.



Includes accident statistics for the following counties:

County Number	County
1	Alameda
7	Contra Costa
21	Marin
28	Napa
38	San Francisco
41	San Mateo
43	Santa Clara
48	Solano
49	Sonoma

2010-2014 San Francisco Bay Area Boating Accidents



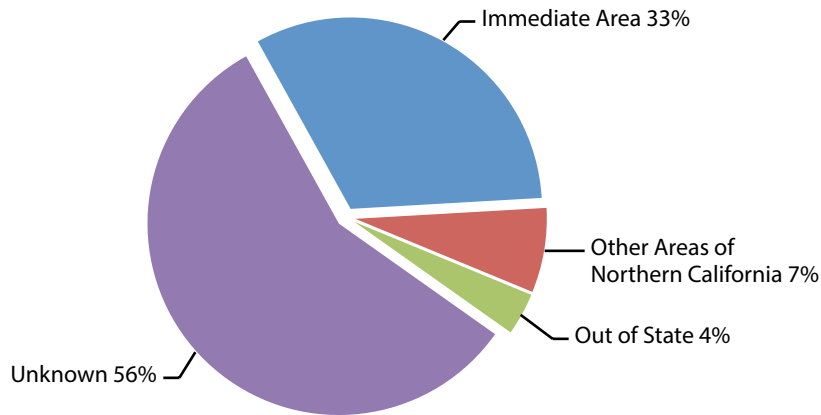
San Francisco Bay Area	2010			2011			2012			2013			2014			5-Year Total		
	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fat.	Acc.	Inj.	Fatalities
Alameda	3	0	0	6	0	1	4	2	0	6	3	0	2	0	0	21	5	1
Contra Costa	1	1	1	2	0	1	0	0	0	2	1	0	2	3	0	7	2	5
Marin	8	2	2	12	5	1	1	0	0	7	3	2	6	1	1	34	11	6
San Francisco	9	1	2	7	2	1	6	2	0	7	3	0	15	4	1	44	9	7
San Mateo	3	1	1	2	2	1	1	1	0	3	2	0	3	1	1	12	7	3
Santa Clara	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	3	1	0
Solano	0	0	0	0	0	0	2	0	0	1	0	1	1	0	0	4	0	1
Sonoma	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0
Total SF Bay Combined	25	5	6	31	9	5	15	6	0	26	12	3	31	9	3	128	35	23



Noteworthy Accident Statistics

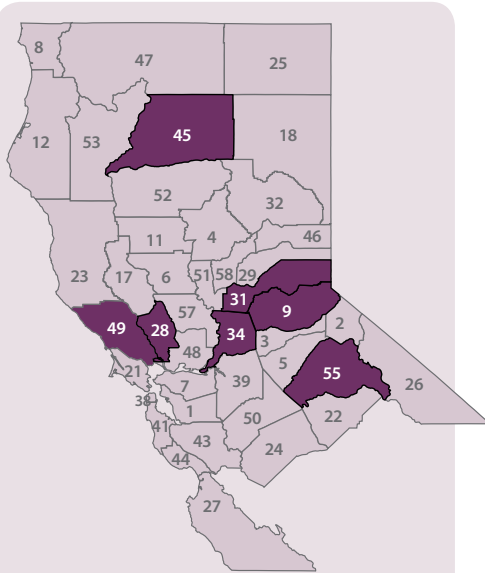
	SF Bay Area	Northern California	California
Percent of Accidents Involving...			
Collision with Other Vessels	16%	23%	33%
Flooding/ Swamping	39%	20%	19%
Grounding	23%	13%	14%
Operator Inexperience	16%	19%	25%
Auxiliary Sail	29%	8%	15%
Personal Watercraft	3%	14%	14%
Percent of Operators that are...			
Operating Borrowed Vessel	14%	18%	17%
Operating Rented Vessel	0%	8%	10%
Over 40 Years Old	69%	54%	57%

2014 Residence of Operators/Owners Involved in Accidents in the San Francisco Bay Area



Northern Lakes

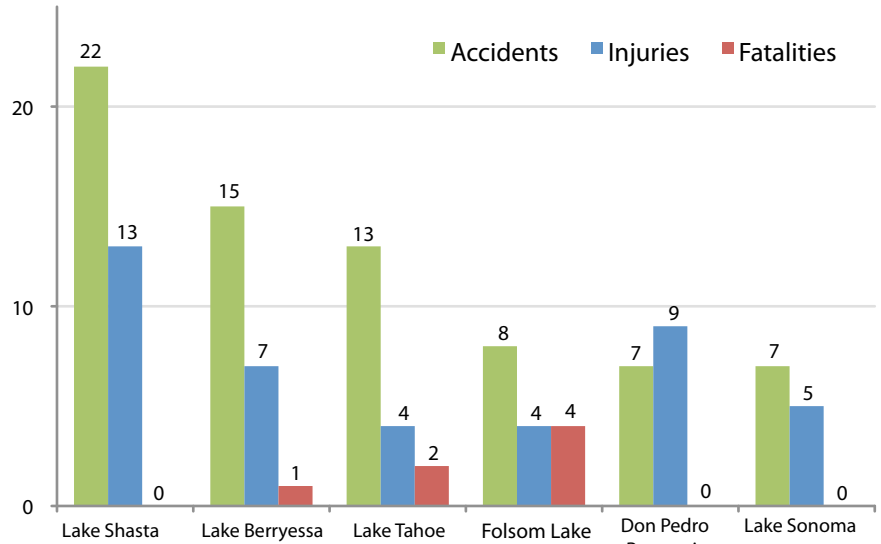
Summary Statistics



Includes accident statistics for the following counties:

County Number	County
9	El Dorado
28	Napa
31	Placer
34	Sacramento
45	Shasta
49	Sonoma
55	Tuolumne

2014 Top Northern Lakes Boating Accidents by Location



2014 Residence of Operators Involved in Accidents

Area	Lake Shasta	Lake Berryessa	Lake Oroville	Lake Tahoe	Don Pedro Reservoir	Folsom Lake
Immediate Local Area	0%	0%	23%	22%	0%	0%
Surrounding Area (within 1 hour)	21%	1%	15%	56%	22%	88%
Other areas of Northern California	53%	3%	38%	22%	67%	13%
Southern California	11%	1%	8%	0%	11%	0%
Out of State	16%	1%	0%	0%	0%	0%
Unknown	0%	0%	15%	0%	0%	0%



Noteworthy Accident Statistics

Lake Shasta	Lake Shasta	Northern California	California
Percent of Accidents Involving...			
Collision with Vessel	32%	23%	33%
Water Skiing	36%	15%	9%
Houseboats	36%	5%	3%
Open Motorboats	64%	52%	44%
Excessive Speed	5%	16%	16%
Percent of Operators that are...			
Operating Rented Vessels	23%	8%	10%
Percent of Accidents Occurring on..			
Holiday Weekends	32%	17%	15%

Lake Shasta is in Shasta County and had 22 accidents, 13 injuries and 0 fatalities in 2014.

This accounted for 13% of accidents, 13% of injuries and 0% of fatalities in all of California lakes.

Lake Shasta accounted for 18% of accidents, 18% of injuries and 0% of fatalities in Northern California lakes.

Lake Berryessa	Lake Berryessa	Northern California	California
Percent of Accidents Involving...			
Collision with Vessel	27%	23%	33%
Water Skiing	36%	15%	9%
Open Motorboats	73%	52%	44%
Personal Watercraft	33%	14%	14%
Operator Inexperience	33%	19%	25%
Percent of Accidents Occurring on ...			
Weekends	60%	54%	54%
Percent of Operators that are...			
Operating Rented Vessels	23%	8%	10%

Lake Berryessa is in Napa County and had 15 accidents, 7 injuries and 1 fatality in 2014.

This accounted for 9% of accidents, 7% of injuries and 6% of fatalities in all of California lakes.

Lake Berryessa accounted for 12% of accidents, 9% of injuries and 10% of fatalities in Northern California lakes.

Northern Lakes

Lake Tahoe	Lake Tahoe	Northern California	California
Percent of Accidents Involving...			
Collision with Vessel	38%	23%	33%
Flooding/ Swamping	23%	20%	18%
Excessive Speed	23%	16%	16%
Hazardous Weather/ Water	15%	11%	9%
Open Motorboats	54%	52%	44%
Water Skiing	0%	15%	9%
Percent of Operators that are...			
40 Years Old and Under	45%	46%	43%
Operating Rented Vessels	14%	8%	10%

Lake Tahoe is in Placer and El Dorado Counties in California and Washoe and Douglas Counties in Nevada. It had 13 accidents, 4 injuries and 2 fatalities in 2014 on the California side.

This accounted for 8% of accidents, 4% of injuries and 12% of fatalities in all of California lakes.

Lake Tahoe accounted for 11% of accidents, 5% of injuries and 20% of fatalities in Northern California lakes.

Folsom Lake	Folsom Lake	Northern California	California
Percent of Accidents Involving...			
Collision with Vessel	25%	23%	33%
Excessive Speed	38%	16%	16%
Operator Inexperience	38%	19%	25%
Personal Watercraft	25%	14%	14%
Water Skiing	38%	15%	9%
Percent of Accidents Occurring on..			
Weekends	75%	54%	54%
Percent of Operators that are...			
Operating Borrowed Vessels	30%	18%	17%

Folsom Lake is in El Dorado, Placer and Sacramento Counties and had 8 accidents, 4 injuries and 4 fatalities in 2014.

Folsom Lake accounted for 7% of accidents, 5% of injuries and 40% of fatalities in Northern California lakes.

This accounted for 8% of accidents, 4% of injuries and 12% of fatalities in all of California lakes.



Noteworthy Accident Statistics

Don Pedro Reservoir	Don Pedro Reservoir	Northern California	California
Percent of Accidents Involving...			
Water Skiing	43%	15%	9%
Falls Overboard	29%	7%	6%
Operator Inattention	57%	36%	37%
Open Motorboats	86%	52%	44%
Houseboats	29%	5%	3%
Percent of Accidents Occurring on..			
Holiday Weekends	29%	17%	15%

Don Pedro Reservoir is in Tuolumne County and had 7 accidents, 9 injuries and 0 fatalities in 2014.

This accounted for 4% of accidents, 9% of injuries and 0% of fatalities in all of California lakes.

Don Pedro Reservoir accounted for 6% of accidents, 12% of injuries and 0% of fatalities in Northern California lakes.

Lake Sonoma	Lake Sonoma	Northern California	California
Percent of Accidents Involving...			
Collision with Vessel	29%	23%	33%
Operator Inattention	43%	37%	37%
Personal Watercraft	29%	14%	14%
Open Motorboats	86%	52%	44%
Water Skiing	57%	15%	9%
Percent of Operators that are...			
40 Years Old and Under	75%	46%	43%

Lake Sonoma is in Sonoma County and had 7 accidents, 5 injuries and 0 fatalities in 2014.

This accounted for 4% of accidents, 5% of injuries and 0% of fatalities in all of California lakes.

Lake Sonoma accounted for 6% of accidents, 7% of injuries and 0% of fatalities in Northern California lakes.

NORTHERN CALIFORNIA



	Calif.	No. Calif.	Delta	San Francisco Bay	Lake Shasta	Lake Berryessa	Lake Tahoe	Folsom Lake	Don Pedro Reservoir	Lake Sonoma
Types - Percent of Accidents Involving...										
Collisions with Other Vessels	33%	23%	25%	16%	32%	27%	38%	25%	14%	29%
Falls Overboard	6%	7%	0%	3%	0%	7%	8%	13%	29%	14%
Grounding	14%	13%	20%	23%	5%	7%	15%	0%	14%	14%
Flooding/ Swamping	19%	20%	20%	39%	5%	7%	23%	0%	0%	0%
Sinking	10%	12%	15%	16%	5%	7%	23%	0%	0%	0%
Towing Sport Accidents	9%	15%	3%	0%	36%	40%	0%	38%	43%	57%
Causes - Percent of Accidents Involving...										
Excessive Speed	16%	16%	33%	3%	5%	20%	23%	38%	14%	0%
Hazardous Weather/ Water	9%	11%	5%	9%	5%	7%	15%	0%	0%	0%
Operator Inattention	37%	37%	50%	31%	23%	33%	38%	25%	57%	43%
Operator Inexperience	25%	19%	18%	16%	18%	33%	15%	38%	43%	14%
Types of Vessels - Percent of Accidents Involving...										
Open Motorboats	44%	52%	63%	6%	64%	73%	54%	75%	86%	86%
Cabin Motorboats	22%	13%	35%	16%	9%	0%	38%	0%	0%	0%
Personal Watercraft	14%	14%	10%	3%	14%	33%	8%	25%	14%	29%
Auxiliary Sailboats	15%	8%	0%	29%	0%	0%	8%	13%	0%	0%
Houseboats	3%	5%	0%	0%	36%	0%	0%	0%	29%	0%
Ownership - Percent of Vessels...										
Operated by Owner	39%	46%	49%	27%	32%	37%	24%	50%	70%	70%
Borrowed	17%	18%	19%	14%	6%	16%	14%	30%	10%	0%
Rented	10%	8%	2%	0%	23%	42%	14%	0%	10%	10%
No Operator or Unknown	33%	28%	30%	59%	39%	5%	48%	20%	10%	20%
Operator Age - Percent of Operators Involved in Accidents (does not include unknowns)...										
Under 18 Years Old	4%	4%	3%	0%	0%	0%	0%	0%	13%	0%
40 Years Old and Under	43%	46%	44%	31%	39%	65%	45%	43%	75%	75%
Over 40 Years Old	57%	54%	56%	69%	61%	35%	55%	57%	25%	25%
Other Factors - Percent of Accidents Occurring On...										
Weekends	54%	54%	58%	35%	50%	60%	38%	75%	71%	57%
Holiday Weekends	15%	17%	23%	0%	32%	13%	8%	25%	29%	14%

