

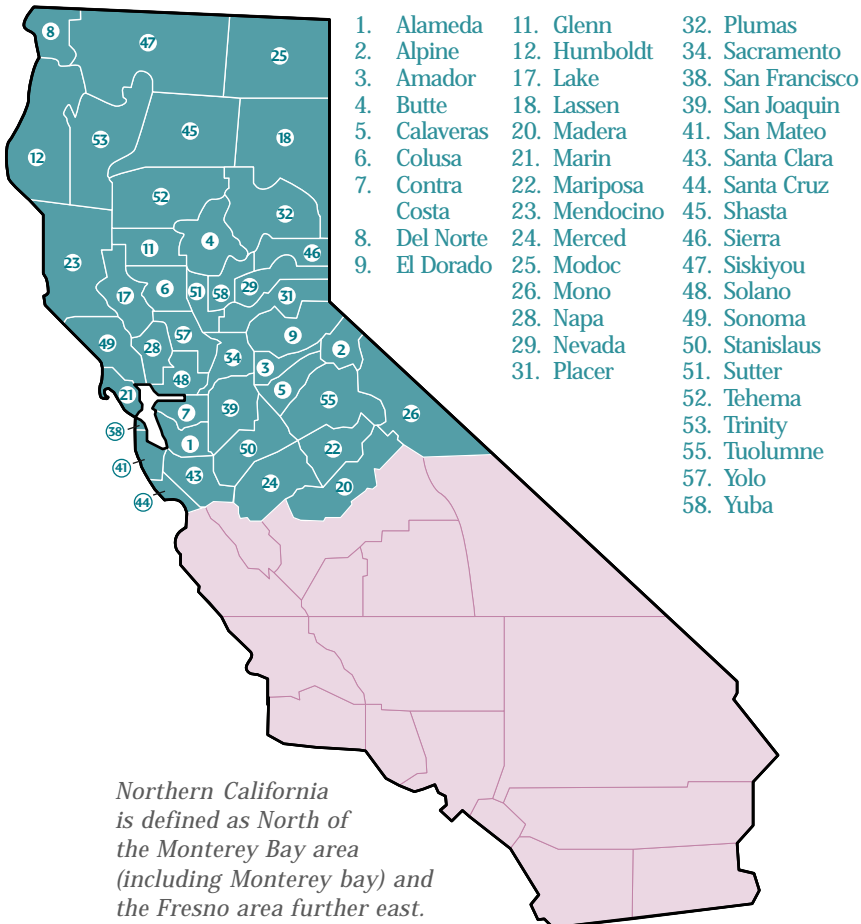


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Includes accident statistics for the following Counties:



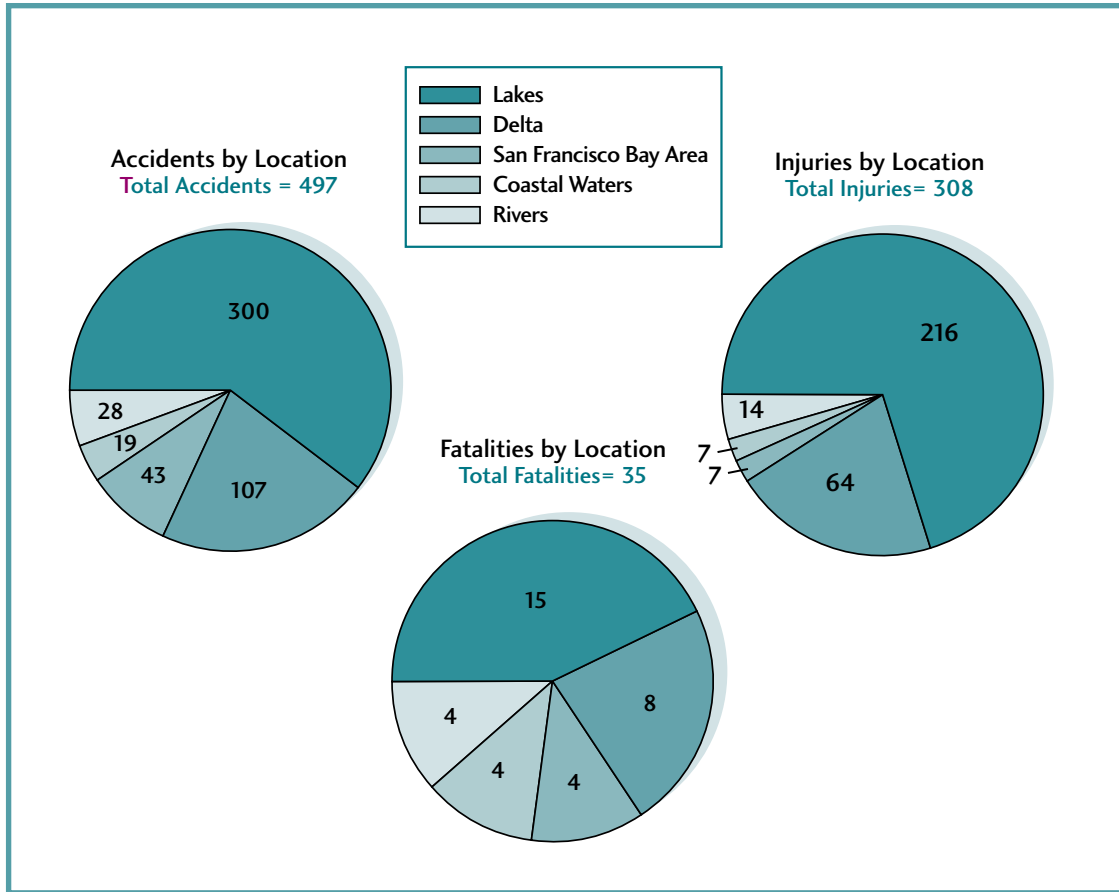
Northern California is defined as North of the Monterey Bay area (including Monterey bay) and the Fresno area further east.

- ◆ Collision with another vessel was the most common type of accident, accounting for 33% of Northern California accidents, compared with 43% in Southern California and 38% statewide.
- ◆ Inexperience was a factor in 40% of all accidents in Northern California and was the most common cause of accidents.
- ◆ PWC were involved in 28% of all Northern California accidents, compared with 38% in Southern California and 32% statewide.
- ◆ 20% of Northern California accidents occurred during the three summer holiday weekends.
- ◆ Open motorboats were involved in 59% of all accidents in Northern California compared with 42% in Southern California and 51% statewide.
- ◆ Capsizing and falls overboard were the most common types of fatal boating accidents in Northern California, each accounting for 31% of fatal accidents.
- ◆ Open motorboats were involved in 63% of all fatal boating accidents in Northern California.
- ◆ 37% of Northern California boating fatalities occurred on the weekend, compared with 33% statewide.
- ◆ Of the victims who drowned in Northern California, 90% were not wearing a life jacket, compared with 80% statewide and 50% in Southern California.
- ◆ 49% of statewide boating fatalities involved fishing activities. The vast majority (92%) of the victims were boating in Northern California.

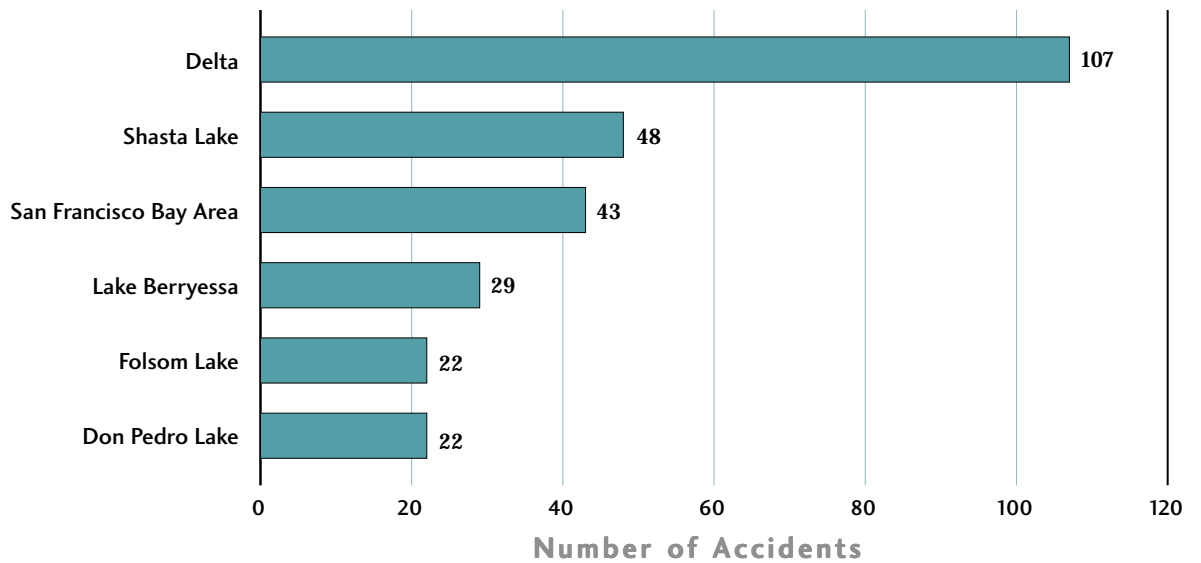
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2000 Northern California Boating Accidents by Location



Top Northern California Boating Accident Areas



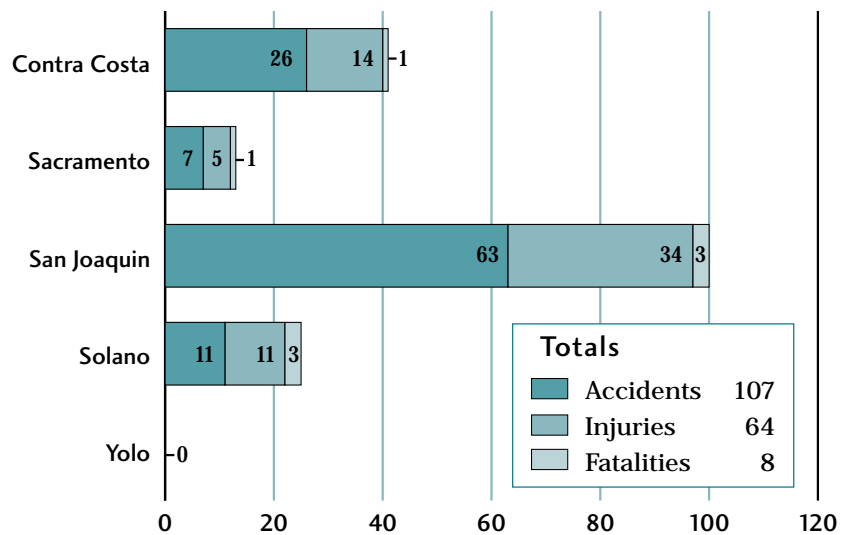


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DELTA

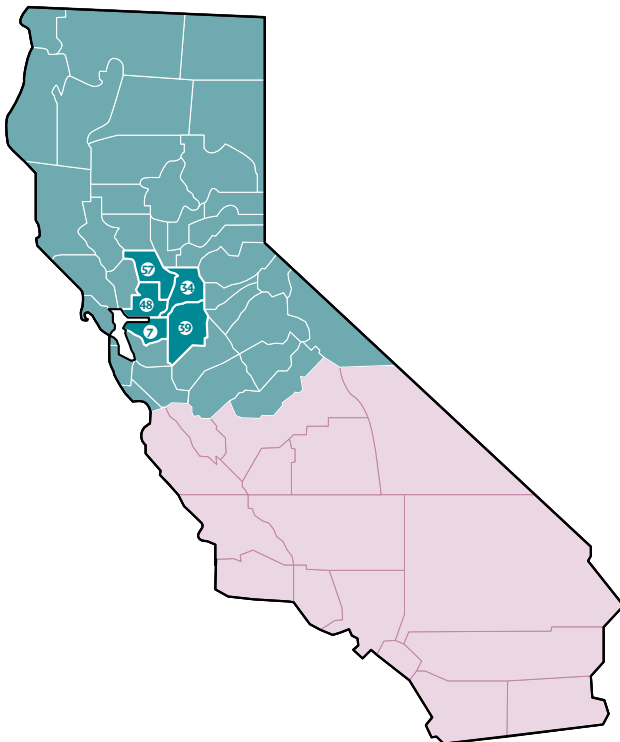
The Sacramento/San Joaquin Delta accounted for 22% of boating accidents, 21% of injuries and 23% of fatalities in Northern California.

2000 Delta Boating Accidents by Location



Includes accident statistics for the following Counties:

- 7. Contra Costa
- 34. Sacramento
- 39. San Joaquin
- 48. Solano
- 57. Yolo



Additionally, the Delta accounted for 12% of all accidents and injuries and 16% of all fatalities in California.



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Noteworthy Accident Statistics



Hazardous weather/water conditions and accidents involving vessels swamping or flooding were slightly more likely to occur in the Delta compared with other areas.

| | Delta | Northern California | California |
|---|-------|---------------------|------------|
| % of Accidents | | | |
| Involving Collisions with Other Vessels | 29% | 33% | 38% |
| Involving Flooding/Swamping | 16% | 10% | 10% |
| Involving Water Skiing | 15% | 23% | 16% |
| Involving Excessive Speed | 22% | 23% | 24% |
| Involving Hazardous Weather/Water | 14% | 12% | 10% |
| Involving Personal Watercraft | 20% | 28% | 32% |
| Occurring on Holiday Weekends | 21% | 20% | 20% |
| Occurring on Weekends | 58% | 58% | 59% |

Overall, however, accident trends in the Delta were very consistent with regional and statewide averages. The Delta attracts all sorts of boating activity, which is reflected by the accident statistics.



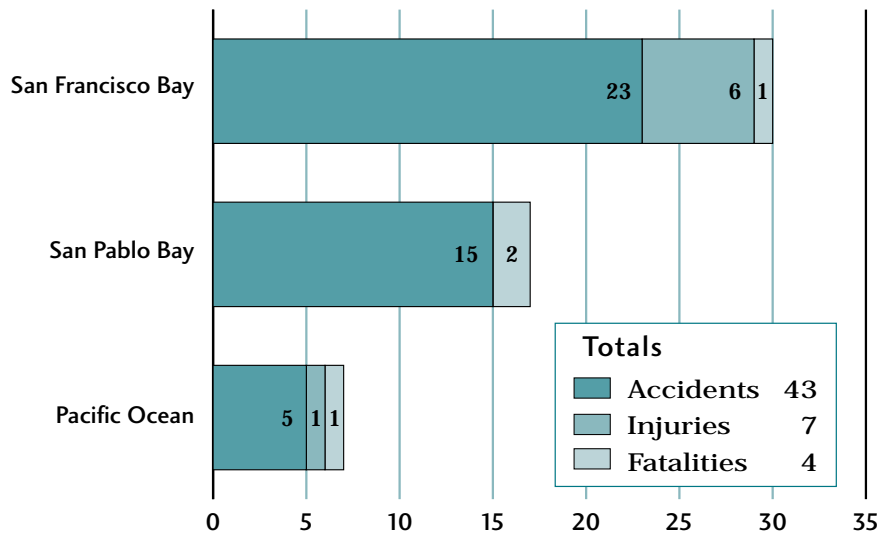
SAN FRANCISCO

and Surrounding Coastline*

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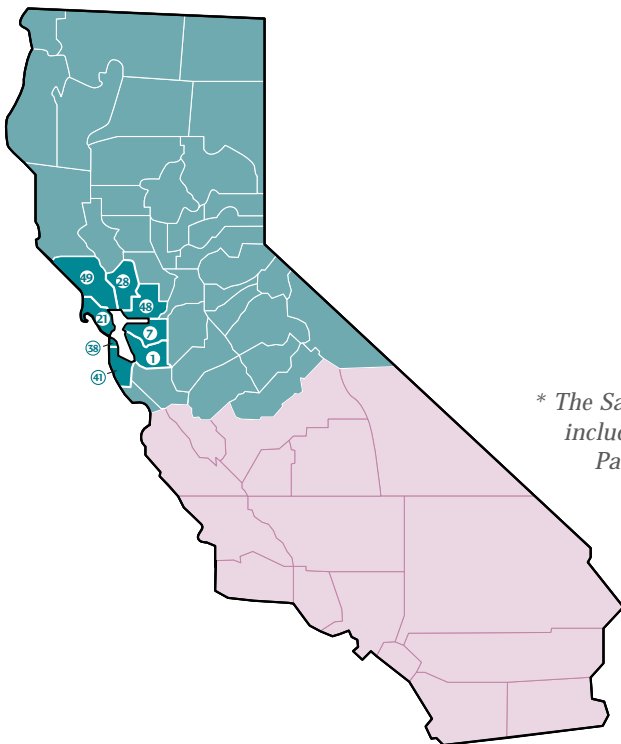
The San Francisco Bay Area accounted for 9% of Northern California boating accidents.

2000 San Francisco Bay Area Boating Accidents by Location



Includes accident statistics for the following Counties:

- 1. Alameda
- 7. Contra Costa
- 21. Marin
- 28. Napa
- 38. San Francisco
- 41. San Mateo
- 48. Solano
- 49. Sonoma



* The San Francisco Bay Area includes San Francisco and San Pablo Bays, as well as the San Mateo and San Francisco County Coastlines and the Marin County Coastline North to Point Reyes.



SAN FRANCISCO

BAY AREA

Noteworthy Accident Statistics



The majority of boating accidents in the San Francisco Bay Area involved operators who were over 40 years of age.

70% of operators involved in accidents were also the owners of the craft.

| | San Francisco | Northern California | California |
|---|---------------|---------------------|------------|
| % of Accidents | | | |
| Involving Grounding | 26% | 9% | 10% |
| Involving Flooding/Swamping | 19% | 10% | 10% |
| Involving Auxilliary Sailboats | 30% | 3% | 7% |
| Involving Cabin Motorboats | 21% | 12% | 14% |
| Involving Personal Watercraft | 2% | 28% | 32% |
| Involving Vessels Operated by Owner | 70% | 44% | 45% |
| % of Operators Involved in Accidents | | | |
| Over 40 | 75% | 35% | 33% |

Accidents in the San Francisco Bay Area were more likely to be the result of vessels grounding, flooding or swamping or colliding with other vessels. Accidents were also somewhat more likely to involve hazardous weather or water conditions than other Northern California locations.

Accidents involving auxiliary sailboats and cabin motorboats were also much more common than other areas of Northern California.

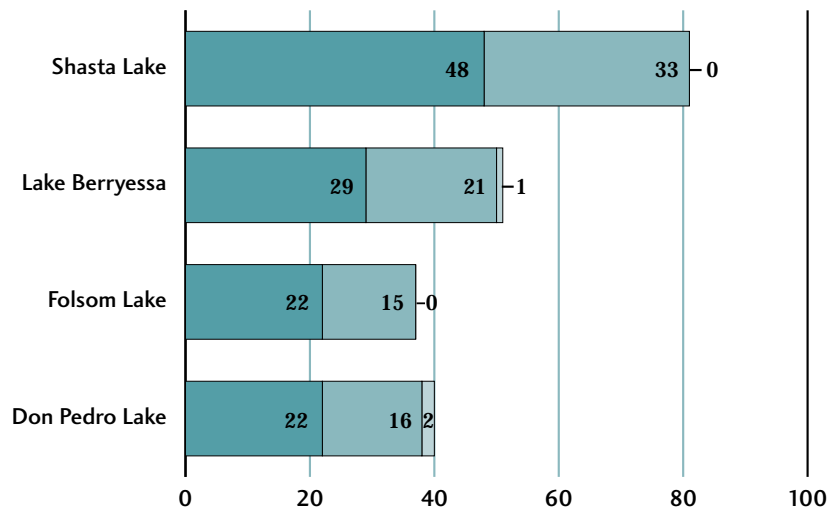


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LAKES

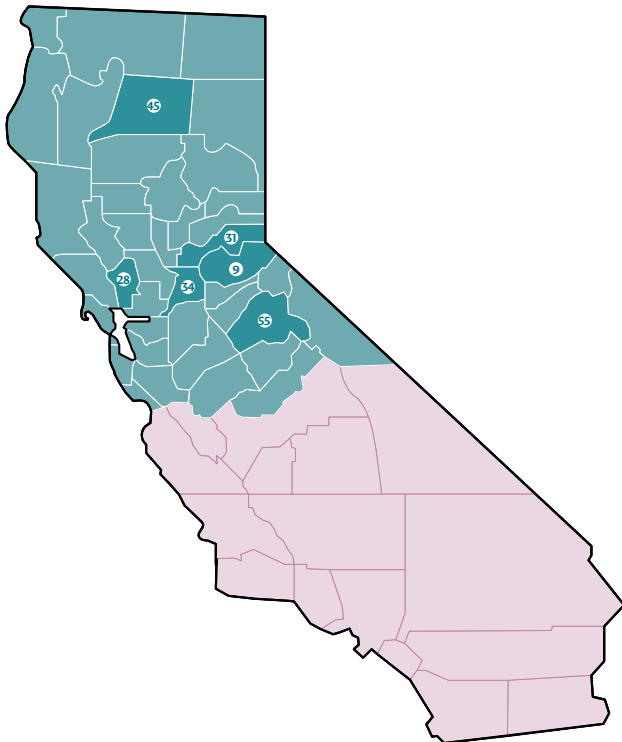
60% of accidents in Northern California occurred on lakes. Information concerning the lakes with the largest number of boating accidents is included below. Several lakes have a number of accident factors in common while other accident factors are unique to certain lakes.

2000 Northern Lakes Boating Accidents by Location



Includes accident statistics for the following Counties:

- 9. El Dorado
- 28. Napa
- 31. Placer
- 34. Sacramento
- 45. Shasta
- 55. Tuolumne



Noteworthy Accident Statistics



Shasta Lake

| | Shasta Lake | Northern California | California |
|---------------------------|-------------|---------------------|------------|
| % of Accidents | | | |
| Involving Water Skiing | 44% | 23% | 16% |
| Involving Houseboats | 23% | 6% | 3% |
| Involving Open Motorboats | 65% | 59% | 51% |
| Involving Rented Vessels | 29% | 14% | 11% |

Accidents involving water skiing activities, houseboats, open motorboats and rented vessels were much more common on Shasta Lake than either regionally or statewide.

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Noteworthy Accident Statistics *(cont.)*



Accidents on Lake Berryessa were more likely to involve operators 40 years of age or younger. Additionally, the

| | Lake Berryessa | Northern California | California |
|---|----------------|---------------------|------------|
| % of Accidents | | | |
| Involving Collisions | 41% | 33% | 38% |
| Involving PWC | 45% | 28% | 32% |
| Involving Open Motorboats | 62% | 59% | 51% |
| Involving Water Skiing | 28% | 23% | 16% |
| % of Operators Involved in Accidents | | | |
| Under 18 | 18% | 10% | 10% |
| 40 and Under | 82% | 65% | 67% |

percentage of operators involved in accidents who were younger than 18 years of age was higher than regional or statewide totals. Collisions between two vessels, accidents involving open motorboats, PWC, water skiing and rented vessels were also common.



| | Folsom Lake | Northern California | California |
|---|-------------|---------------------|------------|
| % of Accidents | | | |
| Involving Collisions | 59% | 33% | 38% |
| Involving Excessive Speed | 45% | 23% | 24% |
| Involving Inattention | 50% | 31% | 32% |
| Involving Personal Watercraft | 64% | 28% | 32% |
| Occurring on Weekends | 73% | 58% | 59% |
| % of Operators Involved in Accidents | | | |
| Involving Operators 40 and Under | 93% | 65% | 67% |

Accidents on Folsom Lake were more likely to involve collisions, occur on weekends, involve PWC, and operators 40 years of age or younger. Many accidents also involved operator inattention and excessive speed.



| | Don Pedro Lake | Northern California | California |
|---|----------------|---------------------|------------|
| % of Accidents | | | |
| Involving Falls Overboard | 23% | 7% | 8% |
| Involving Water Skiing | 27% | 23% | 16% |
| Involving Excessive Speed | 36% | 23% | 24% |
| Involving Open Motorboats | 68% | 59% | 51% |
| Involving Rented Vessels | 17% | 14% | 11% |
| Occurring on Holiday Weekends | 32% | 20% | 20% |
| % of Operators Involved in Accidents | | | |
| Under 18 | 16% | 10% | 10% |

Accidents on Don Pedro Lake were more likely to involve water skiing, open motorboats, excessive speed, falls overboard, and rented vessels. Additionally, the percentages of operators younger than 18 and accidents on holiday weekends exceeded regional and statewide percentages.



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2000 Northern California Boating Accident Comparisons

| | CA | No. CA | Delta | San Francisco | Shasta Lake | Lake Berryessa | Folsom Lake | Don Pedro |
|--|-----|--------|-------|---------------|-------------|----------------|-------------|-----------|
| Types – % of Accidents Involving... | | | | | | | | |
| Collisions with Other Vessels | 38% | 33% | 29% | 23% | 23% | 41% | 59% | 27% |
| Falls overboard | 8% | 7% | 3% | 5% | 8% | 10% | 9% | 23% |
| Grounding | 10% | 9% | 13% | 26% | 6% | 0% | 0% | 14% |
| Flooding/Swamping | 10% | 10% | 16% | 19% | 13% | 3% | 5% | 9% |
| Water Skiing | 16% | 23% | 15% | 0% | 44% | 28% | 23% | 27% |
| Causes – % of Accidents Involving... | | | | | | | | |
| Excessive Speed | 24% | 23% | 22% | 0% | 13% | 24% | 45% | 36% |
| Hazardous Weather/Water | 10% | 12% | 14% | 19% | 13% | 7% | 0% | 9% |
| Operator Inattention | 32% | 31% | 24% | 28% | 21% | 34% | 50% | 27% |
| Operator Inexperience | 42% | 40% | 35% | 33% | 38% | 38% | 45% | 27% |
| Types of Vessels – % of Accidents Involving... | | | | | | | | |
| Auxiliary Sailboats | 7% | 3% | 1% | 30% | 0% | 0% | 0% | 0% |
| Cabin Motorboats | 14% | 12% | 31% | 21% | 2% | 0% | 5% | 0% |
| Houseboats | 3% | 6% | 6% | 0% | 23% | 3% | 0% | 5% |
| Open Motorboats | 51% | 59% | 54% | 37% | 65% | 62% | 50% | 68% |
| Personal Watercraft | 32% | 28% | 20% | 2% | 17% | 45% | 64% | 32% |
| Borrowed Vessels | 27% | 27% | 27% | 7% | 19% | 32% | 33% | 34% |
| Rented Vessels | 11% | 14% | 6% | 2% | 29% | 17% | 14% | 17% |
| Operated by Owner | 45% | 44% | 48% | 70% | 32% | 37% | 36% | 34% |
| Operator Age – % of Operators Involved in Accidents (does not include unknowns) | | | | | | | | |
| Under 18 | 10% | 10% | 7% | 0% | 2% | 18% | 17% | 16% |
| 40 and Under | 67% | 65% | 64% | 25% | 63% | 82% | 93% | 52% |
| Over 40 | 33% | 35% | 36% | 75% | 37% | 18% | 7% | 48% |
| Other Factors – % of Accidents Occurring on... | | | | | | | | |
| Holiday Weekends | 20% | 20% | 21% | 16% | 15% | 34% | 23% | 32% |
| Weekends | 59% | 58% | 58% | 56% | 42% | 62% | 73% | 68% |