



# CALIFORNIA

# STATISTICS

## 1999 California Boating Accidents by County\*

County	Number of Accidents	Number of Injuries	Number of Fatalities	Amount of Property Damage
Alameda	12	2	0	\$101,500
Amador	1	0	0	\$1,000
Butte	11	6	1	\$28,600
Calaveras	14	9	0	\$19,200
Colusa	4	4	0	\$3,800
Contra Costa	37	10	2	\$100,250
Del Norte	1	0	0	\$1,000
El Dorado	18	7	4	\$42,250
Fresno	13	6	1	\$14,700
Glenn	2	0	0	\$7,800
Humboldt	3	1	1	\$12,000
Imperial	5	5	2	\$6,750
Kern	15	9	1	\$17,150
Lake	7	11	0	\$5,550
Lassen	2	2	0	\$1,000
Los Angeles	59	22	3	\$143,400
Madera	14	7	0	\$17,400
Marin	18	7	2	\$141,850
Mariposa	1	0	0	\$3,000
Mendocino	2	1	0	\$900
Merced	2	1	1	\$800
Monterey**	17	14	3	\$47,350
Napa	27	13	1	\$64,950
Nevada	6	5	1	\$2,700
Orange***	89	18	0	\$532,200
Placer	26	17	0	\$84,550

(continued on other side)

\* An accident is considered reportable if: a person dies, disappears, or is injured requiring medical attention beyond first aid; damage to a vessel or other property damage exceeds \$500; or there is complete loss of a vessel. Not all accidents are reported to the Department, due to either nonobservance or ignorance of the reporting law.

\*\* Monterey County statistics are split between Northern and Southern California.

\*\*\* The increase in boating accidents in Orange County when compared with accident totals appearing in previous reports is not due to an increase in accidents, but rather to an increase in the reporting of accidents to the Department.

### Color Key

- Northern California
- Southern California

# ■ CALIFORNIA

## 1999 California Boating Accidents by County\* (continued)

County	Number of Accidents	Number of Injuries	Number of Fatalities	Amount of Property Damage
Plumas	2	1	0	\$4,000
Riverside	33	17	2	\$64,400
Sacramento	21	8	1	\$21,400
San Bernardino	57	48	2	\$140,600
San Diego	89	52	0	\$437,450
San Francisco	13	4	0	\$27,400
San Joaquin	80	61	2	\$243,300
San Luis Obispo	16	5	3	\$83,750
San Mateo	9	4	4	\$53,100
Santa Barbara	7	8	0	\$16,500
Santa Clara	10	8	0	\$9,250
Santa Cruz	1	0	0	\$6,500
Shasta	55	39	0	\$74,400
Sierra	3	2	1	\$2,000
Solano	23	4	0	\$85,300
Sonoma	7	1	0	\$24,500
Stanislaus	18	7	0	\$30,100
Sutter	2	0	0	\$1,550
Tehama	4	1	0	\$18,500
Trinity	9	8	1	\$33,500
Tulare	8	8	0	\$6,250
Tuolumne	14	15	0	\$38,400
Ventura	15	6	2	\$27,150
Yolo	3	3	1	\$10,000
Yuba	2	4	0	\$3,050
<b>TOTAL</b>	<b>907</b>	<b>491</b>	<b>42</b>	<b>\$2,864,000</b>

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## 1980-1999 California Boating Accidents\*

# STATISTICS

Year	Number of Accidents	Number of Injuries	Number of Fatalities	Amount of Property Damage
1980	657	270	112	\$2,039,800
1981	728	319	87	\$3,655,630
1982	696	323	103	\$2,497,000
1983	648	333	95	\$3,713,100
1984	791	341	93	\$2,491,700
1985	869	403	76	\$4,246,400
1986	741	319	68	\$2,645,500
1987	905	325	54	\$3,381,600
1988	745	333	51	\$2,396,100
1989	632	371	43	\$3,669,800
1990	761	416	50	\$3,131,200
1991	750	421	58	\$2,653,800
1992	689	447	59	\$4,360,100
1993	743	434	67	\$2,052,800
1994	709	386	40	\$1,740,300
1995	833	490	52	\$2,536,500
1996	850	537	56	\$2,241,700
1997	925	526	43	\$3,266,800
1998	772	413	58	\$2,299,600
1999	907	491	42	\$2,864,000

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## 1999 California PWC Accidents by County\*

STATISTICS

County	Number of Accidents	Number of Injuries	Number of Fatalities	Amount of Property Damage
Butte	1	1	0	\$0
Calaveras	8	5	0	\$9,300
Colusa	3	3	0	\$3,800
Contra Costa	6	3	2	\$18,350
El Dorado	1	1	0	\$800
Fresno	5	5	0	\$5,000
Humboldt	1	0	1	\$0
Kern	8	8	0	\$7,200
Lake	4	5	0	\$3,050
Lassen	1	1	0	\$1,000
Los Angeles	20	15	0	\$27,350
Madera	7	5	0	\$9,400
Merced	1	1	0	\$800
Monterey**	1	2	0	\$650
Napa	12	5	0	\$32,600
Orange***	12	5	0	\$22,450
Placer	8	8	0	\$9,100
Riverside	24	17	0	\$49,200
Sacramento	5	4	0	\$3,950
San Bernardino	33	33	1	\$48,000
San Diego	33	30	0	\$37,000
San Joaquin	15	15	2	\$38,750
San Luis Obispo	7	1	0	\$9,350
San Mateo	1	0	0	\$45,000
Santa Clara	3	1	0	\$9,250
Shasta	11	11	0	\$5,100
Sierra	1	1	0	\$2,000
Solano	1	2	0	\$2,000
Sonoma	1	1	0	\$0
Stanislaus	12	7	0	\$20,900
Trinity	3	3	0	\$0
Tulare	7	7	0	\$6,250
Tuolumne	6	5	0	\$8,300
Yolo	1	2	0	\$10,000
Yuba	1	2	0	\$1,650
<b>TOTAL</b>	<b>264</b>	<b>215</b>	<b>6</b>	<b>\$447,550</b>

### Color Key

- Northern California
- Southern California

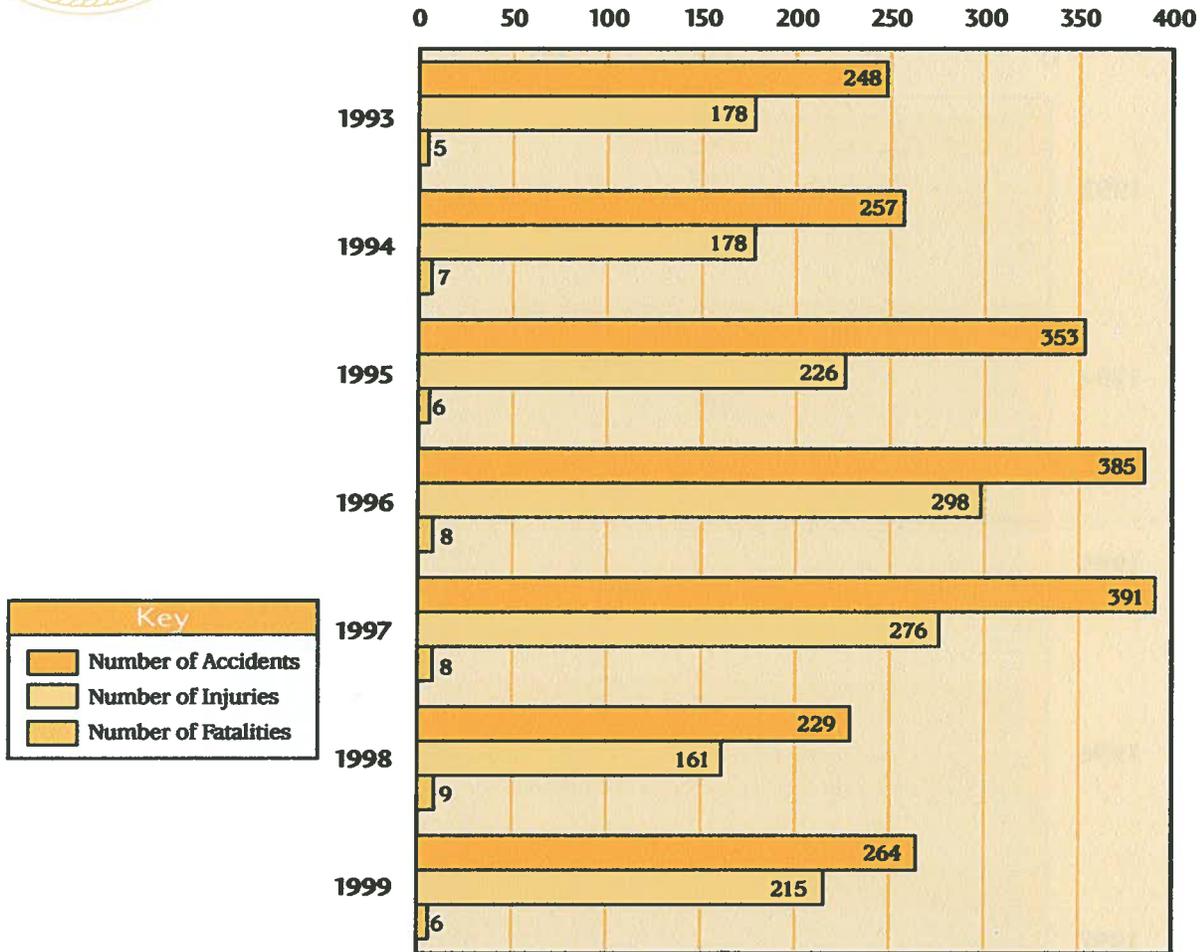
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- \*\* Monterey County statistics are split between Northern and Southern California.
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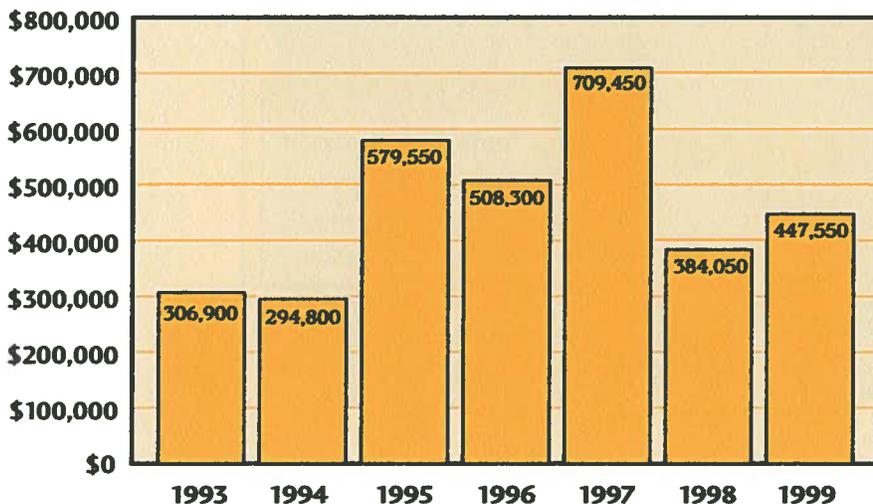
# CALIFORNIA

STATISTICS

## 1993-1999 California PWC Accidents, Injuries, and Fatalities\*



## 1993-1999 California PWC Property Damage



\* An accident is considered reportable if: a person dies, disappears, or is injured requiring medical attention beyond first aid; damage to a vessel or other property exceeds \$500; or there is complete loss of a vessel. Not all accidents are reported to the Department, due to either nonobservance or ignorance of the reporting law.

# CALIFORNIA

# STATISTICS

## 1999 California Registered Vessels and PWC

County	Total Registered PWC	Total Registered Vessels (includes PWC)
Plumas	174	3,722
Riverside	15,425	46,513
Sacramento	4,222	46,689
San Benito	288	1,811
San Bernardino	16,522	50,593
San Diego	13,043	68,979
San Francisco	489	4,677
San Joaquin	2,393	25,251
San Luis Obispo	1,434	12,805
San Mateo	2,199	15,376
Santa Barbara	1,273	10,783
Santa Clara	5,704	34,407
Santa Cruz	556	8,390
Shasta	1,181	17,874
Sierra	14	376
Siskiyou	96	4,125
Solano	1,717	16,061
Sonoma	2,311	20,881
Stanislaus	2,159	18,758
Sutter	494	5,387
Tehama	252	4,265
Trinity	61	2,122
Tulare	1,309	9,471
Tuolumne	269	5,972
Ventura	5,943	27,357
Yolo	425	6,038
Yuba	274	3,924
<b>Out of State</b>	<b>1,473</b>	<b>5,794</b>
<b>GRAND TOTAL</b>	<b>171,891</b>	<b>954,716</b>

# CALIFORNIA

## 1999 California Boating Safety Tips

### Before Going Out...

#### *Education*

Many accidents happen because the operator did not know some of the most basic boating safety rules. The Department offers a comprehensive home study course that boaters can order free of charge by calling (888) 326-2822. The Department also offers free safety information including videos, pamphlets, and other materials on such topics as PWC operation, water skiing, and fishing.

The Department sponsors a number of aquatic programs statewide where boaters can get on-the-water training in a variety of activities. Visit our website at [www.dbw.ca.gov](http://www.dbw.ca.gov) to locate classes in your area, or link to the U.S. Coast Guard Auxiliary or the U.S. Power Squadrons who also offer courses.

#### *Maintenance and Equipment Check*

Check that your vessel is in good working order before taking it out on the water. Many accidents caused by inoperable bilge pumps, engine problems, and leaks in the hull could have been avoided with proper maintenance.

Make sure your vessel is equipped with all required safety equipment and that everyone on board knows where it is.

#### *Check the Weather*

Many accidents could have been avoided if the operator had checked the weather before venturing out. For your local forecast, visit the National Weather Service's website at [www.wrh.noaa.gov/wrhq/nwspage.html](http://www.wrh.noaa.gov/wrhq/nwspage.html). Weather broadcasts can be heard 24 hours a day in Northern California from San Francisco on 162.55 MHz and from Eureka on 162.40 MHz and in Southern California from Los Angeles on 162.55 MHz and from San Diego on 162.4 MHz. Know your vessel's limitations concerning the type of water conditions it can handle and tell someone where you are going and when you plan to return.

### Once Underway...

#### *Avoiding a Collision*

Situation: Meeting head-on  
Rule: Keep to the right



Situation: Crossing  
Rule: Give the right-of-way to vessels ahead and to the right

Situation: Overtaking another vessel  
Rule: Give the right of way to the other vessel and allow plenty of room

#### *Docking*

Be thoroughly familiar with the way your vessel handles. Many accidents occur because operators aren't familiar with how the vessel shifts or how quickly the vessel responds to steering or throttle changes.

Operators should have a passenger act as a "lookout" to help keep clear of the dock, other passing vessels or people in the water. Speed is restricted to 5 MPH in the docking area.

The operator and passengers should keep their hands inside the vessel in the docking area. Severe injuries, including crushed fingers and even amputations, have resulted from boaters trying to help fend off the dock. Even vessels that are traveling at 5 MPH present hazardous situations. The operator should ensure that everyone on board is aware of this danger.

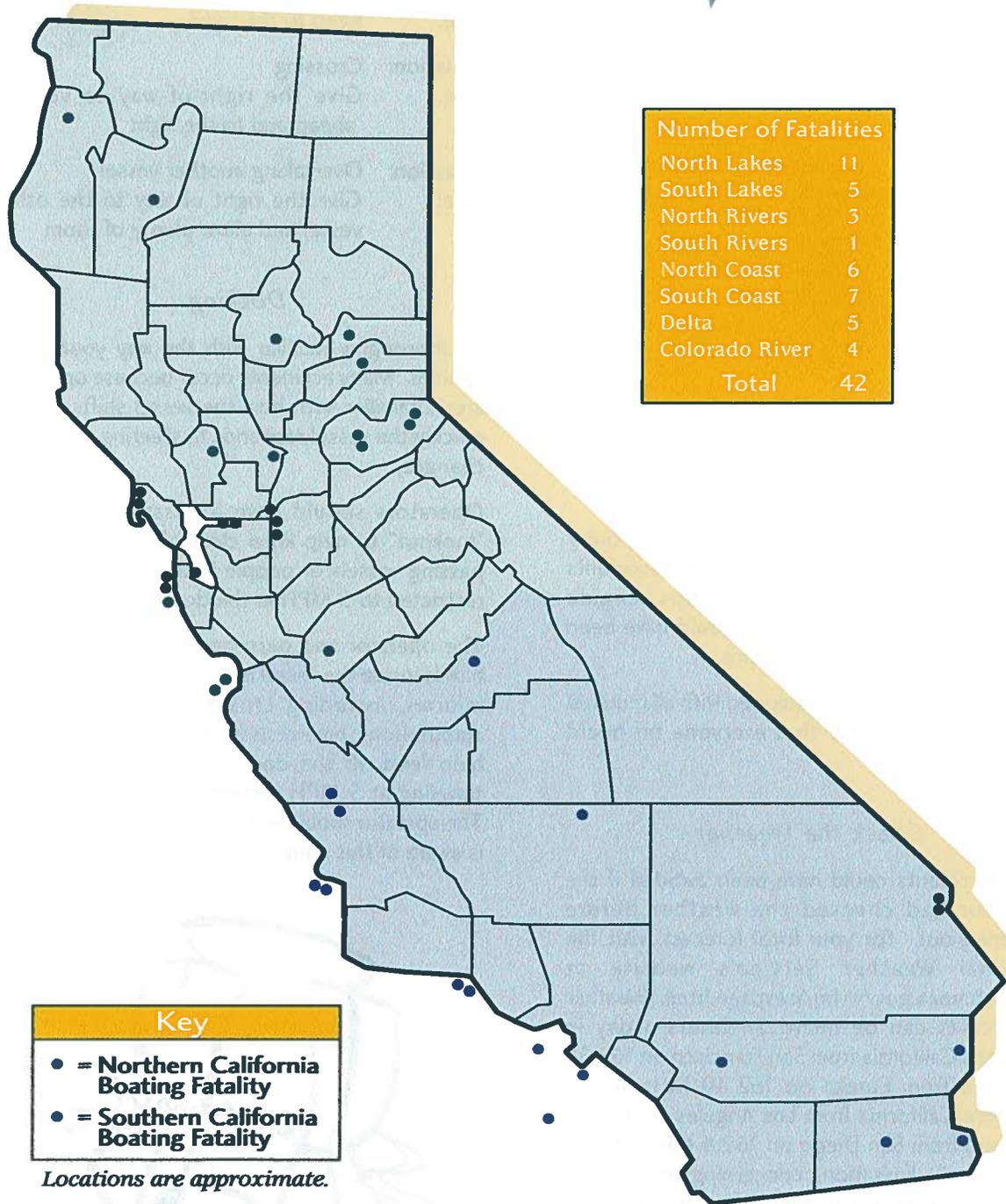




# CALIFORNIA

# STATISTICS

## 1999 California Boating Fatalities by Location



Number of Fatalities	
North Lakes	11
South Lakes	5
North Rivers	3
South Rivers	1
North Coast	6
South Coast	7
Delta	5
Colorado River	4
<b>Total</b>	<b>42</b>

Key	
•	= Northern California Boating Fatality
•	= Southern California Boating Fatality

*Locations are approximate.*

• Monterey County statistics are split between Northern and Southern California.