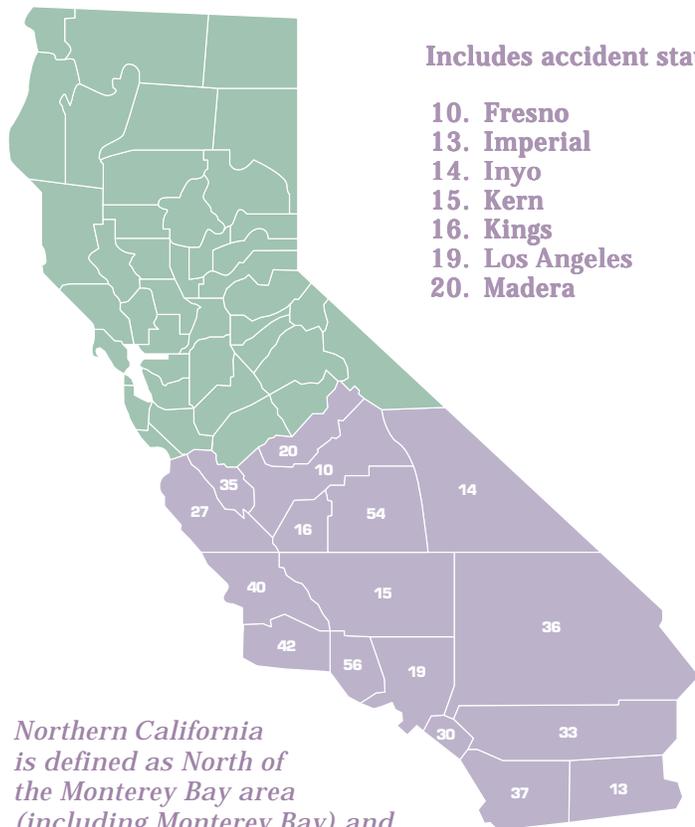


Southern California

General Statistics



Includes accident statistics for the following Counties:

- | | |
|-----------------|---------------------|
| 10. Fresno | 27. Monterey |
| 13. Imperial | 30. Orange |
| 14. Inyo | 33. Riverside |
| 15. Kern | 35. San Benito |
| 16. Kings | 36. San Bernardino |
| 19. Los Angeles | 37. San Diego |
| 20. Madera | 40. San Luis Obispo |
| | 42. Santa Barbara |
| | 54. Tulare |
| | 56. Ventura |

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

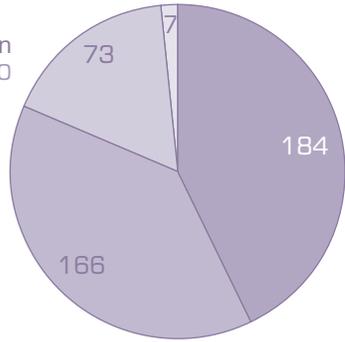
- Collision with another vessel was the most common type of accident, accounting for 44% of all Southern California accidents, compared with 32% in Northern California and 38% statewide.
- Inexperience was a factor in 49% of all accidents in Southern California and was the most common cause of accidents.
- PWC were involved in 39% of all Southern California accidents, compared with 23% in Northern California and 30% statewide.
- 20% of Southern California accidents occurred during the three summer holiday weekends.

- Open motorboats were involved in 42% of all accidents in Southern California, compared with 57% in Northern California and 50% statewide.
- In Southern California, vessels colliding with other vessels and vessels capsizing each accounted for 27% of boating fatalities.
- Open motorboats were involved in 82% of all fatal boating accidents in Southern California.
- 74% of Southern California boating fatalities occurred on the weekend, compared with 51% in Northern California and 52% statewide.
- Of the victims who drowned in Northern California, 86% were not wearing a life jacket, compared with 83% statewide and 79% in Southern California.

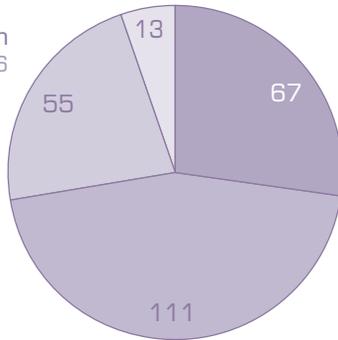


2001 Southern California Boating Accidents by Location

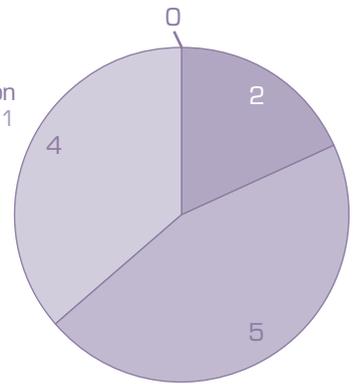
Accidents by Location
Total Accidents = 430



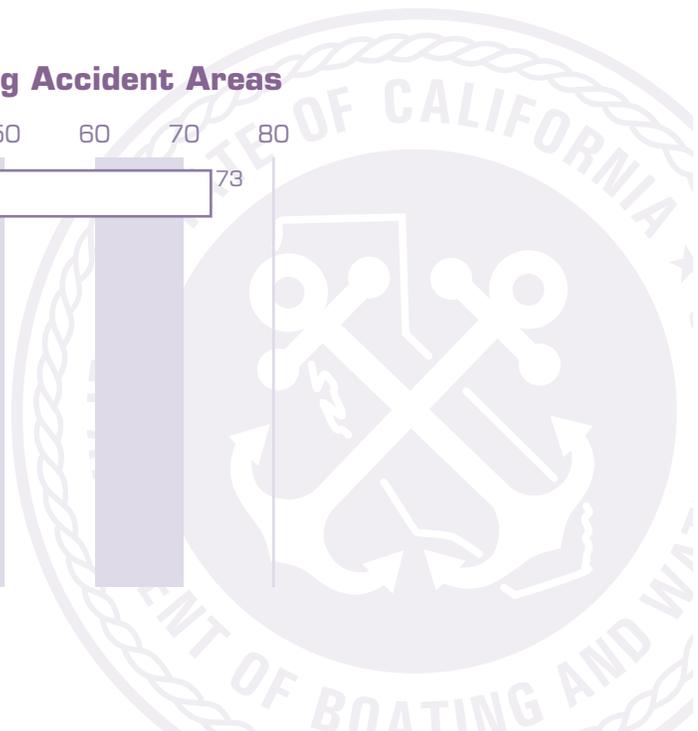
Injuries by Location
Total Injuries = 246



Fatalities by Location
Total Fatalities = 11

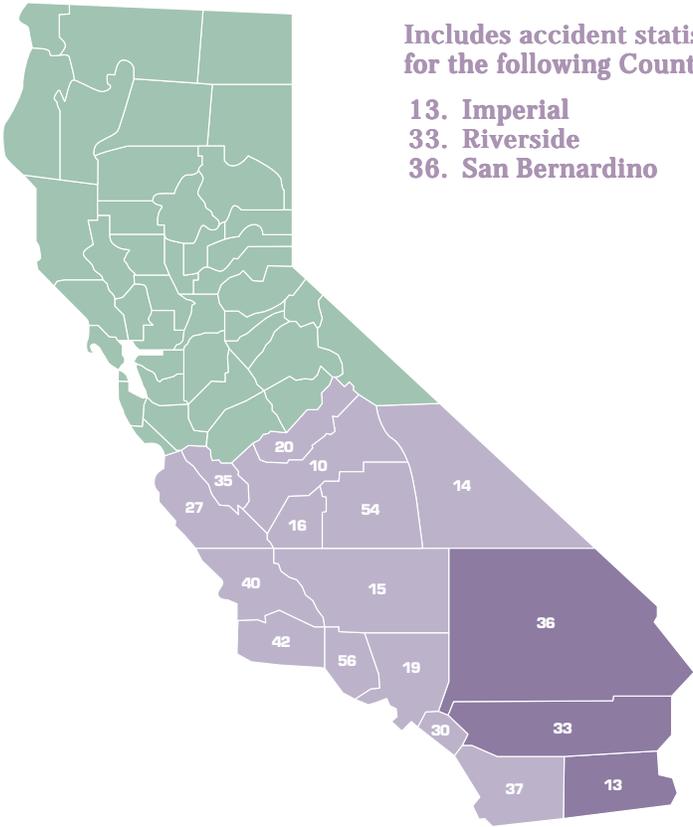


Top Six Southern California Boating Accident Areas



Inland Empire

Summary Statistics

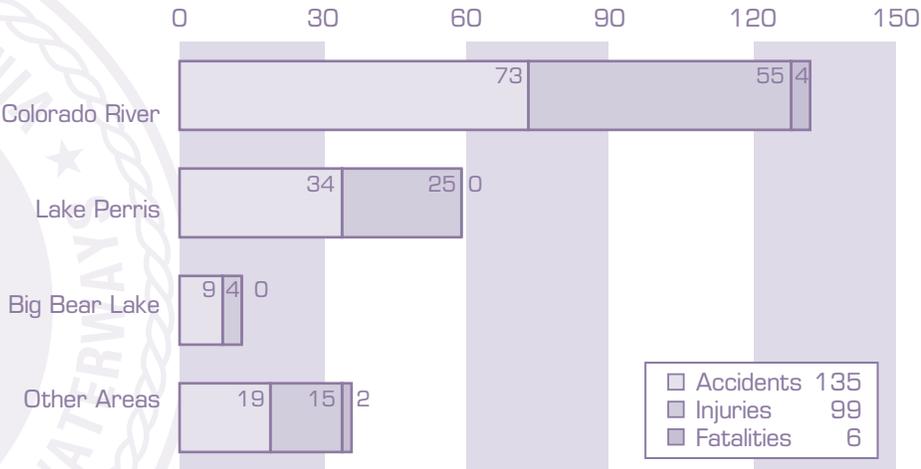


Accidents in the Inland Empire and surrounding areas accounted for nearly one third (31%) of accidents, 40% of injuries, and 55% of fatalities in Southern California.

Accidents in this region also represented 15% of accidents, 20% of injuries, and 13% of fatalities in California.

Percentages of PWC-related accidents and accidents involving collisions with other vessels were consistently higher in the Inland Empire than regionally or statewide.

2001 Inland Empire Boating Accidents by Location



Noteworthy Accident Statistics

The Colorado River area accounted for 17% of boating accidents, 22% of injuries, and 36% of fatalities in Southern California (8% of accidents, 11% of injuries, and 8% of fatalities in California).

Percentages of accidents in a multitude of categories exceeded statewide and regional totals as listed here.

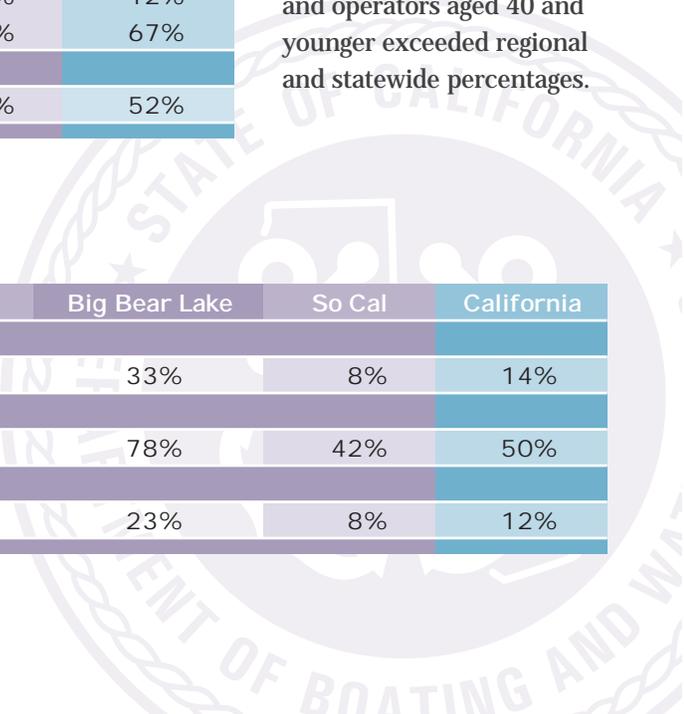
Accidents Involving	Colorado River	So Cal	California
Types			
Water Skiing	18%	8%	14%
Causes			
Excessive Speed	47%	37%	32%
Operator Inattention	53%	38%	36%
Type of Vessel			
Open Motorboats	63%	42%	50%
Personal Watercraft	51%	39%	30%
Operator Age			
Under 18	19%	11%	12%
Other Factors			
Holiday Weekends	33%	20%	21%
Weekends	70%	57%	52%

Accidents Involving	Lake Perris	So Cal	California
Types			
Collisions	65%	44%	38%
Causes			
Excessive Speed	68%	37%	32%
Operator Inattention	56%	38%	36%
Operator Inexperience	71%	49%	47%
Type of Vessel			
Personal Watercraft	79%	39%	30%
Operator Age			
Under 18	16%	11%	12%
40 and Under	80%	68%	67%
Other Factors			
Weekends	79%	57%	52%

Accidents on Lake Perris show a high percentage involving PWC and collisions. Additionally, the percentages of accidents involving operator inexperience, excessive speed, operator inattention, weekends, minor operators and operators aged 40 and younger exceeded regional and statewide percentages.

Accidents on Big Bear Lake reveal higher than average percentages of accidents involving open motorboats, rented vessels, and water skiing activities.

Accidents Involving	Big Bear Lake	So Cal	California
Types			
Water Skiing	33%	8%	14%
Type of Vessel			
Open Motorboats	78%	42%	50%
Vessels that were			
Rented	23%	8%	12%



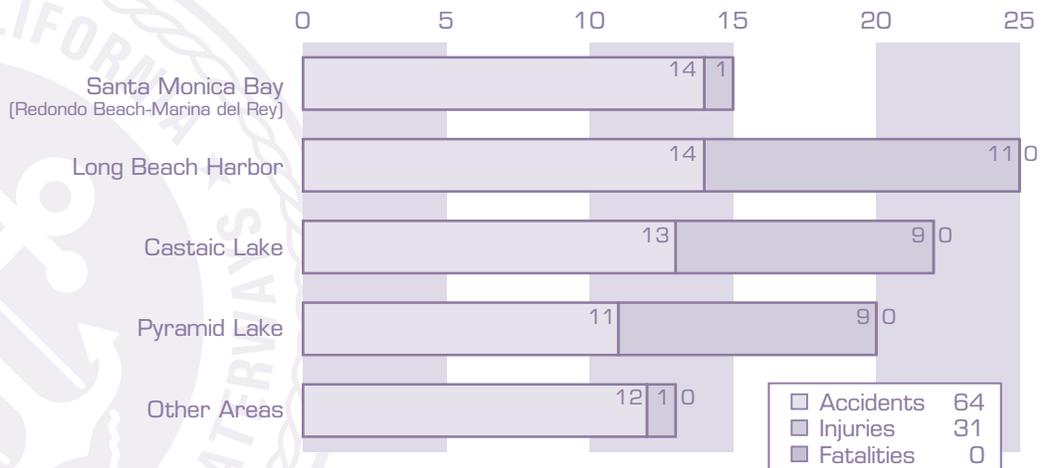
Los Angeles County

Summary Statistics



Accidents in Los Angeles County decreased 35% in 2001. Still, the county ranks second in the number of boating accidents in the state and accounted for 15% of accidents and 13% of injuries in Southern California.

2001 Los Angeles County Boating Accidents by Location



Noteworthy Accident Statistics

Accidents in the Santa Monica Bay area were more likely to involve collisions, auxiliary sailboats, operators over 40, and occur on weekends.

Accidents Involving	Santa Monica Bay	So Cal	California
Types			
Collisions	50%	44%	38%
Grounding	14%	10%	11%
Causes			
Operator Inexperience	64%	49%	47%
Type of Vessel			
Auxiliary Sailboats	43%	10%	7%
Operator Age			
Over 40	64%	32%	33%
Other Factors			
Weekends	71%	57%	52%

Accidents Involving	Long Beach Harbor	So Cal	California
Types			
Grounding	14%	10%	11%
Causes			
Machinery Failure	14%	10%	9%
Type of Vessel			
Auxiliary Sailboats	43%	10%	7%
Cabin Motorboats	36%	19%	16%
Vessel that were			
Operated by Owner	59%	40%	44%

Auxiliary sailboats and cabin motorboats were involved in the majority of boating accidents in the Long Beach area. Vessels involved in these accidents were more likely to be operated by the owner.

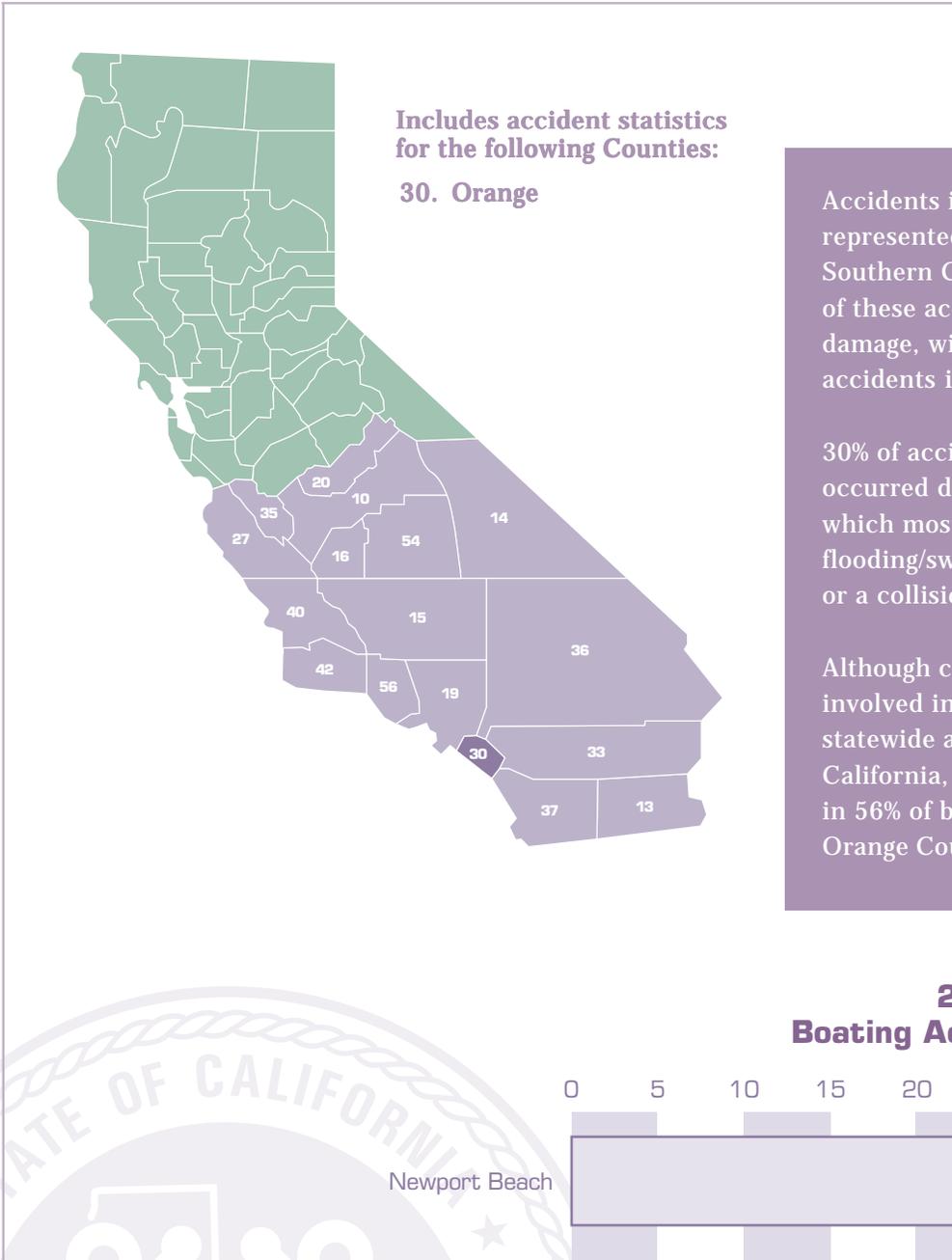
Accidents on Castaic and Pyramid Lakes reveal a number of similarities. On both bodies of water, the percentages of collisions, operator inexperience, excessive speed, personal watercraft, borrowed vessels, and operators 40 years of age or younger all exceeded regional and statewide percentages.

Accidents Involving	Castaic Lake	So Cal	California
Types			
Collisions	69%	44%	38%
Causes			
Excessive Speed	46%	37%	32%
Operator Inexperience	85%	49%	47%
Type of Vessel			
Personal Watercraft	77%	39%	30%
Vessel that were			
Borrowed	45%	30%	26%
Operator Age			
Under 18	18%	11%	12%
40 and Under	100%	68%	67%

Accidents Involving	Pyramid Lake	So Cal	California
Types			
Collisions	55%	44%	38%
Causes			
Excessive Speed	55%	37%	32%
Operator Inattention	55%	38%	36%
Operator Inexperience	73%	49%	47%
Type of Vessel			
Personal Watercraft	82%	39%	30%
Vessel that were			
Borrowed	41%	30%	26%
Operator Age			
40 and Under	86%	68%	67%

Orange County

Summary Statistics

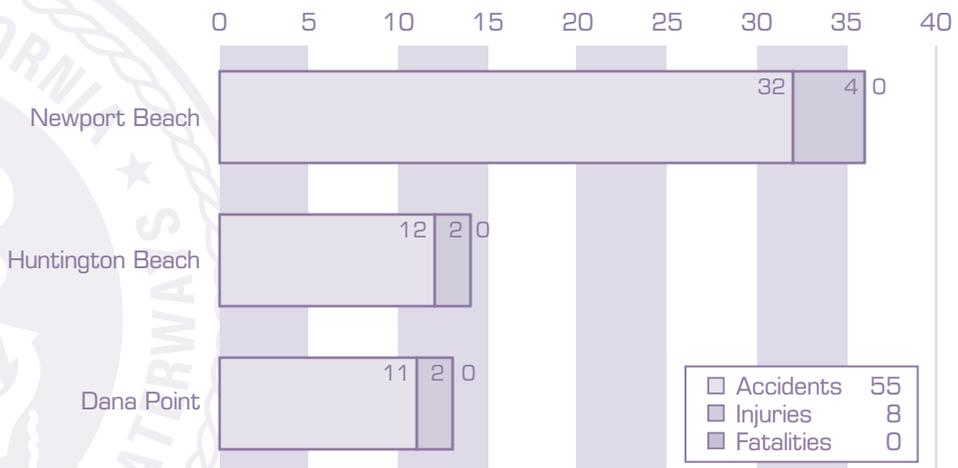


Accidents in Orange County represented 13% of accidents in Southern California. The majority of these accidents involved property damage, with only 15% of these accidents involving injuries.

30% of accidents in Orange County occurred due to machinery failure, which most often resulted in flooding/swamping of the vessel or a collision with another vessel.

Although cabin motorboats were involved in 15% of accidents statewide and 19% in Southern California, they were involved in 56% of boating accidents in Orange County.

2001 Orange County Boating Accidents by Location



Noteworthy Accident Statistics

The percentage of accidents in the Newport Beach Area that involved flooding/swamping, machinery failure, cabin motorboats, and auxiliary sailboats all exceeded regional and statewide percentages.

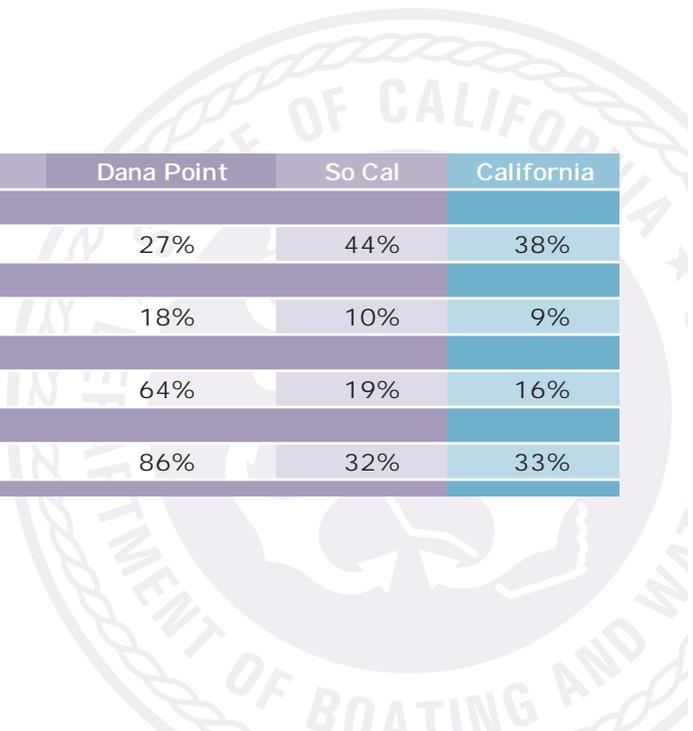
Accidents Involving	Newport Beach	So Cal	California
Types			
Flooding/Swamping	28%	8%	8%
Causes			
Machinery Failure	34%	10%	9%
Type of Vessel			
Auxiliary Sailboats	28%	10%	7%
Cabin Motorboats	50%	19%	16%

Like the Newport Beach area, accidents involving flooding/swamping, machinery failure, and cabin motorboats were also common. In addition, accidents involving falls overboard and operators under 18 years of age also exceeded regional and statewide percentages.

Accidents Involving	Huntington Beach	So Cal	California
Types			
Falls Overboard	17%	7%	8%
Flooding/Swamping	33%	8%	8%
Causes			
Machinery Failure	25%	10%	9%
Type of Vessel			
Cabin Motorboats	67%	19%	16%
Operator Age			
Under 18	17%	11%	12%

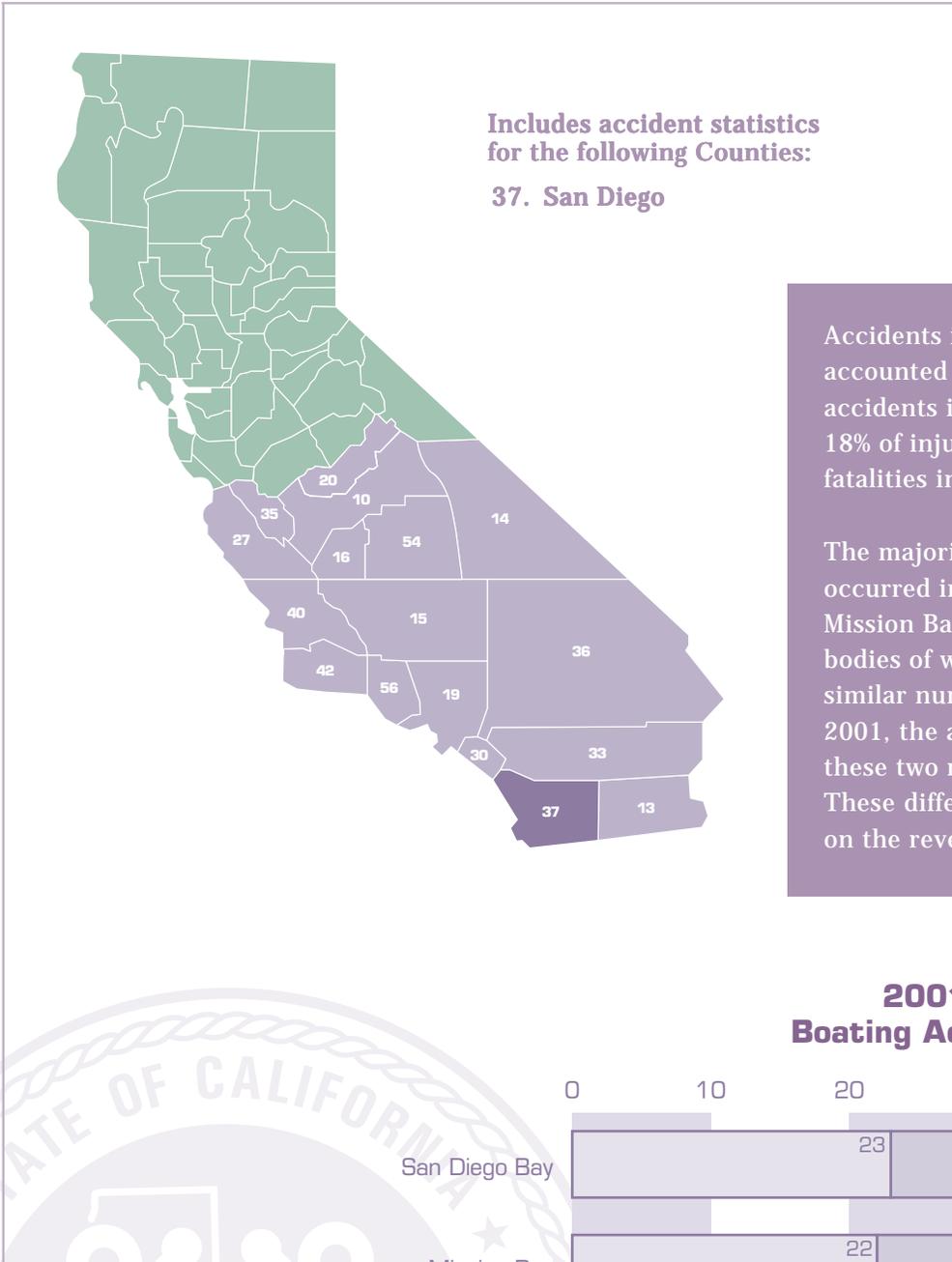
Again, accidents involving machinery failure and cabin motorboats were common. Persons over 40 made up the majority of operators involved in accidents.

Accidents Involving	Dana Point	So Cal	California
Types			
Collisions	27%	44%	38%
Causes			
Machinery Failure	18%	10%	9%
Type of Vessel			
Cabin Motorboats	64%	19%	16%
Operator Age			
Over 40	86%	32%	33%



San Diego County

Summary Statistics



Accidents in San Diego County accounted for 17% of boating accidents in Southern California, 18% of injuries, and 9% of fatalities in Southern California.

The majority of boating accidents occurred in San Diego Bay and Mission Bay. Although these bodies of water experienced a similar number of accidents in 2001, the accident profiles of these two regions differ greatly. These differences are displayed on the reverse.

2001 San Diego County Boating Accidents by Location



Noteworthy Accident Statistics

Accidents involving auxiliary sailboats and cabin motorboats were much more common in San Diego Bay. PWC were only involved in 9% of all accidents. Additionally, operator inattention, collisions with other vessels, and grounding were common. No operators under 18 were involved in accidents. In fact, operators over 40 years of age made up the largest percentage of operators involved in accidents.

Accidents Involving	San Diego Bay	So Cal	California
Types			
Collisions	49%	44%	38%
Grounding	17%	10%	11%
Causes			
Operator Inattention	48%	38%	36%
Type of Vessel			
Auxiliary Sailboats	26%	10%	7%
Cabin Motorboats	52%	19%	16%
Personal Watercraft	9%	39%	30%
Operator Age			
Under 18	0%	11%	12%
Over 40	58%	32%	33%
Other Factors			
Weekends	70%	57%	52%

Accidents Involving	Mission Bay	So Cal	California
Types			
Falls Overboard	27%	7%	8%
Causes			
Excessive Speed	50%	37%	32%
Operator Inexperience	59%	49%	47%
Type of Vessel			
Personal Watercraft	45%	39%	30%
Vessels that are			
Rented	16%	8%	12%
Operator Age			
Under 18	5%	11%	12%
40 and Under	77%	68%	67%
Other Factors			
Weekends	64%	57%	52%

Unlike San Diego Bay, PWC accidents were involved in 45% of accidents and these accidents often involved operators falling overboard and injuring themselves. The percentages of accidents involving rented vessels, operator inattention, and excessive speed were also more common than regional or statewide percentages. Only 5% of all operators involved in accidents were under 18 years of age. However, unlike San Diego Bay, the majority of operators involved in accidents were 40 or younger.

In the Oceanside area, grounding and capsizing were the most common types of boating accidents. Cabin motorboats were the most common type of vessels involved in these accidents and accidents were more likely to involve hazardous weather or water conditions. The majority of operators involved in accidents were over 40 and the owners of the vessels.

Accidents Involving	Oceanside Harbor	So Cal	California
Types			
Capsizing	50%	6%	7%
Grounding	25%	10%	11%
Causes			
Hazardous Weather/Water	33%	11%	11%
Type of Vessel			
Cabin Motorboats	42%	19%	16%
Vessels that are			
Operated by Owner	75%	40%	44%
Operator Age			
Over 40	62%	32%	33%

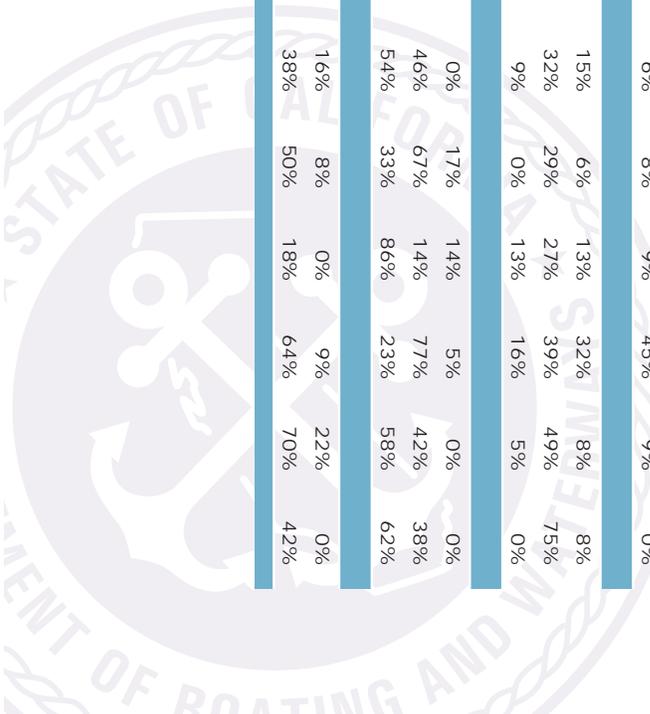


Southern California

General Statistics

2001 Northern California Boating Accident Comparison

	CA	So Cal	Colorado River	Lake Perris	Big Bear Lake	Santa Monica	Long Beach	Castaic Lake	Pyramid Lake	Newport Beach	Hunt. Beach	Dana Point	Mission Bay	San Diego Bay	Ocean Harbor	
Types																
Capsize	7%	6%	3%	0%	11%	7%	7%	0%	0%	0%	8%	0%	5%	4%	50%	
Collisions	38%	44%	45%	65%	44%	50%	43%	69%	55%	47%	17%	27%	32%	49%	0%	
Falls overboard	8%	7%	5%	12%	0%	0%	7%	8%	18%	0%	17%	0%	27%	4%	0%	
Flooding/Swamping	8%	8%	4%	9%	0%	7%	7%	0%	18%	28%	33%	9%	5%	4%	8%	
Grounding	11%	10%	10%	0%	0%	14%	14%	0%	9%	3%	8%	0%	9%	17%	25%	
Water Skiing	14%	8%	18%	0%	33%	0%	0%	8%	9%	0%	0%	8%	9%	0%	0%	
Causes																
Excessive Speed	32%	37%	47%	68%	22%	14%	21%	46%	55%	9%	8%	27%	50%	3%	0%	
Hazardous Weather/Water	11%	11%	3%	3%	0%	14%	14%	0%	9%	3%	0%	0%	9%	0%	33%	
Machinery Failure	9%	10%	7%	3%	0%	14%	14%	0%	18%	34%	25%	18%	9%	4%	17%	
Operator Inattention	36%	38%	53%	56%	11%	14%	29%	31%	55%	16%	8%	18%	18%	48%	25%	
Operator Inexperience	47%	49%	42%	71%	44%	64%	50%	85%	73%	25%	25%	27%	59%	43%	50%	
Type of Vessel																
Auxiliary Sailboats	7%	10%	1%	0%	11%	43%	43%	0%	0%	28%	0%	9%	0%	26%	0%	
Cabin Motorboats	16%	19%	0%	0%	0%	14%	36%	8%	0%	50%	67%	64%	23%	52%	42%	
Open Motorboats	50%	42%	63%	32%	78%	29%	14%	23%	36%	22%	42%	27%	32%	30%	42%	
Personal Watercraft	30%	39%	51%	79%	22%	7%	14%	77%	82%	6%	8%	9%	45%	9%	0%	
Vessels that are																
Borrowed	26%	30%	39%	42%	23%	9%	18%	45%	41%	15%	6%	13%	32%	8%	8%	
Operated by Owner	44%	40%	39%	30%	31%	39%	59%	27%	29%	32%	29%	27%	39%	49%	75%	
Rented	12%	8%	4%	12%	23%	13%	0%	14%	12%	9%	0%	13%	16%	5%	0%	
Operator Age																
Under 18	12%	11%	19%	16%	14%	0%	0%	18%	7%	0%	17%	14%	5%	0%	0%	
40 and Under	67%	68%	77%	80%	57%	36%	56%	100%	86%	46%	67%	14%	77%	42%	38%	
Over 40	33%	32%	23%	10%	43%	64%	44%	0%	14%	54%	33%	86%	23%	58%	62%	
Other Factors																
Holiday weekends	21%	20%	33%	18%	11%	14%	21%	23%	27%	16%	8%	0%	9%	22%	0%	
Weekends	52%	57%	70%	79%	44%	71%	43%	62%	36%	38%	50%	18%	64%	70%	42%	



Southern California

