2010 Fatality Data

Florida Fish and Wildlife Conservation Commission
Division of Law Enforcement
2009 Fatalities - Top Ten States

Florida
California
Texas
Michigan
Louisiana
Virginia
New York
Washington
Tennessee
Kentucky
North Carolina

2010 statistics for top 10 states were not available at time of printing.
Source: U.S. Coast Guard Division of Auxiliary and Boating Safety.

Florida Total Fatalities Recorded

<table>
<thead>
<tr>
<th>Year</th>
<th>Registered vessels</th>
<th>Fatality rate</th>
<th>Number of fatalities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>941,589</td>
<td>8.4</td>
<td>79</td>
</tr>
<tr>
<td>2009</td>
<td>982,470</td>
<td>6.9</td>
<td>68</td>
</tr>
<tr>
<td>2008</td>
<td>1,010,359</td>
<td>5.3</td>
<td>54</td>
</tr>
<tr>
<td>2007</td>
<td>1,027,043</td>
<td>7.9</td>
<td>75</td>
</tr>
</tbody>
</table>

*Fatality Rate – Number of fatalities per 100,000 registered vessels.

Investigating Agency

FWC 65 89%
Sheriff’s Office 8%
Police 3%

*73 fatal accidents.
Boating Accidents Statistical Report

**FATAL ACCIDENTS BY MONTH**

<table>
<thead>
<tr>
<th>Month</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatal</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>9</td>
<td>13</td>
<td>12</td>
<td>5</td>
<td>5</td>
<td>11</td>
<td>4</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**TIME OF DAY**

00:00-01:59: 5
02:00-03:59: 3
04:00-05:59: 0
06:00-07:59: 2
08:00-09:59: 7
10:00-11:59: 8
12:00-13:59: 6
14:00-15:59: 8
16:00-17:59: 16
18:00-19:59: 11
20:00-21:59: 4
22:00-23:59: 3

**TYPES OF ACCIDENTS**

- Grounding: 1
- Collision with floating object/person: 1
- Struck by skeg/prop: 1
- Fall on PWC: 1
- Skier hit object: 2
- Fall in boat: 2
- Collision with fixed object: 4
- Flooding (swamping): 8
- Capsizing: 8
- Collision with vessel: 9
- Other: 10
- Falls overboard: 28

*73 fatal accidents involving 79 fatalities. Based on first harmful event.*
2010 Fatality Data

Operation at Time of Accident

- Cruising: 34
- Changing direction: 12
- Drifting: 10
- At anchor: 9
- Other: 7
- Rowing/paddling: 6
- Changing speed: 1

*84 vessels involved in 73 fatal accidents with 79 victims.

Accident Site Location

- Lake/pond: 21
- River/creek: 14
- Bay/sound: 13
- Canal/cut: 10
- Ocean/gulf: 6
- Inlet/pass: 4
- Port/harbor: 3
- Other: 2

*73 accidents involving 79 fatalities.

Restricted Area Fatal Accidents

- MPH limit: 1
- Idle speed: 1
- Slow speed: 3
- Manatee slow speed: 3
- Other: 4

*84 vessels involved in 73 fatal accidents with 79 victims.
2010 Fatality Data

Vessel Ownership

- Owned: 71 (84%)
- Borrowed (not in household): 9 (11%)
- Rented: 4 (5%)

*79 total fatalities involving 84 vessels.

Vessel Fuel & Hull Type

- Gasoline: 65
- Electric: 2
- Diesel: 3
- Not Specified: 14
- Rigid hull inflatable: 1
- Other: 6
- Aluminum: 9
- Fiberglass: 68

*73 fatal accidents involving 84 vessels.

Vessel Propulsion, Length & Type

- Air Thrust: 2
- Manual: 14
- Water jet: 14
- Propeller: 54
- < 12 Feet: 20
- 12 - 16 Feet: 23
- 17 - 21 Feet: 20
- 22 - 26 Feet: 8
- 27 - 40 Feet: 10
- 41 - 65 Feet: 3
- Sail (aux power): 1
- Airboat: 2
- Rowboat (jon): 3
- Pontoon boat: 3
- Other: 5
- Cabin motorboat: 9
- Canoe/kayak: 12
- Personal watercraft: 14
- Open motorboat: 35

*74 total fatalities involving 84 vessels.
2010 Fatality Data

Primary Cause of Death

- Drowning: 49 cases (62%)
- Trauma: 27 cases (34%)
- Unknown: 3 cases (4%)

*73 fatal accidents involving 79 fatalities.

Operator Gender

- Male: 70 cases (85%)
- Female: 9 cases (11%)
- No info: 3 cases (4%)

*73 accidents involving 82 operators and 79 fatalities.

Operator Age

- 36 - 50: 27 cases (33%)
- 51+: 17 cases (21%)
- Unknown: 3 cases (4%)
- 17 - 21: 2 cases (2%)
- Less than 17: 3 cases (4%)
- 22 - 35: 2 cases (2%)

*73 accidents involving 84 vessels and 82 operators.

Operator Experience

- Over 100: 34 cases (41%)
- 10 - 100: 14 cases (17%)
- Unknown: 8 cases (10%)
- Under 10: 26 cases (32%)

*73 accidents involving 84 vessels and 82 operators.
2010 Fatality Data

Boating Accidents Statistical Report

Boat Operator Education

- No boater education: 58 (71%)
- Boater education: 19 (23%)
- No information: 5 (6%)

Operators by Age Without Formal Boater Education

- Less than 17 Years: 1
- 17 - 21 Years: 1
- 22-35: 22
- 36-50: 17
- 51+ years: 17

Victim Statistics (Ejected)

- No info: 18 (24%)
- Ejected: 33 (42%)
- Not ejected: 27 (34%)

Victim Statistics (Wearing PFD)

- No info: 18 (23%)
- Not wearing PFD: 42 (53%)
- Wearing PFD: 19 (24%)

Victim Statistics (Swimming Ability)

- Can swim: 63 (80%)
- Cannot swim: 10
- Unknown: 6 (13%)

*73 fatal accidents involving 82 operators.

*73 fatal accidents involving 79 victims.
2010 Fatality Data

Victim Residency

*73 fatal accidents involving 79 fatalities.

Victim Gender

Victim Age

Alcohol/Drug Related Accidents

Alcohol/Drug Related Victims

*73 accidents involving 79 fatalities.
(Alcohol/drug related refers to any accidents in which alcohol/drug use may have been a contributing factor, whether or not legally impaired.)
2010 Fatality Data

Primary Cause of Accident By Reviewing Authority

Drug use
Standing/sitting on gunwale, bow or transom
Hazardous waters
Hull failure
Improper loading
Weather
Sharp turn
Overloading
Reckless operation
Excessive speed
Operator inexperience
Equipment failure
Careless/inattention
No proper look out
Operator inattention
Skier or occupant behavior
Other
Alcohol use

*73 fatal accidents.

State Waters vs. Offshore Fatalities

*70 fatal accidents occurred in State waters, plus 1 offshore fatality and 2 fatalities with no information. Offshore defined as the edge of the Gulf Stream or 3 miles from shore, whichever is greater, in the Atlantic and more than 9 miles out in the Gulf.