2011 FATALITY STATISTICS
FLORIDA FISH AND WILDLIFE
CONSERVATION COMMISSION
DIVISION OF LAW ENFORCEMENT
2011 Reportable Boating Accidents

2011 Fatality Data

2010 Fatalities - Top Ten States

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>2011</td>
<td>922,491</td>
<td>7.3</td>
<td>67</td>
</tr>
<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>
</tbody>
</table>

Investigating Agency

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

*2011 statistics for top 12 states were not available at time of printing.

Source: U.S. Coast Guard Division of Auxiliary and Boating Safety.
2011 Fatality Data

Fatal Accidents By Month

Time of Day

Types of Accidents

*62 fatal accidents involving 67 fatalities.
2011 Fatality Data

Operation at Time of Accident

Accident Site Location

Restricted Area Fatal Accidents
2011 Fatality Data

Vessel Ownership

- Owned: 55 (82%)
- Borrowed (not in household): 9 (13%)
- Rented: 3 (5%)

Vessel Fuel & Hull Type

- Electric: 2
- Diesel: 3
- Not specified: 14
- Gasoline: 48
- Wood: 1
- Rubber/vinyl: 1
- Other: 7
- Aluminum: 9
- Fiberglass: 49

*67 total fatalities involving 67 vessels.

Vessel Propulsion, Length & Type

- Air Thrust: 1
- Manual: 9
- Water jet: 14
- Propeller: 43
- < 12 Feet: 18
- 12 - 16 Feet: 19
- 17 - 21 Feet: 21
- 22 - 26 Feet: 4
- 27 - 40 Feet: 4
- 41 - 65 Feet: 1

- Pontoon boat: 1
- Other: 1
- Airboat: 1
- Rowboat (jon): 5
- Personal watercraft: 8
- Cabin motorboat: 8
- Canoe/kayak: 10
- Open motorboat: 33

*62 fatal accidents involving 67 vessels.
**2011 Fatality Data**

**Primary Cause of Death**

- **Hypothermia**: 1 (2%)
- **Other**: 11 (16%)
- **Trauma**: 13 (19%)
- **Drowning**: 42 (63%)

*62 fatal accidents involving 67 fatalities.*

**Operator Gender**

- **Female**: 3 (5%)
- **Male**: 63 (95%)

*62 accidents involving 66 operators and 67 fatalities.*

**Operator Age**

- **Less than 17**: 3 (4.5%)
- **17 - 21**: 3 (4.5%)
- **22 - 35**: 22 - 35 (15%)
- **36 - 50**: 25 (38%)
- **51+**: 20 (30%)

**Operator Experience (in Hours)**

- **Unknown**: 12 (18%)
- **Under 10**: 5 (8%)
- **10 - 100**: 14 (21%)
- **Over 100**: 35 (53%)

*62 accidents involving 67 vessels, 66 operators, and 67 fatalities.*
2011 Fatality Data

Boat Operator Education

- Boater education: 15 (23%)
- No boater education: 46 (70%)
- No information: 5 (7%)

*62 fatal accidents involving 66 operators.

Operators by Age Without Formal Boater Education

- Less than 17 Years: 1
- 17-21 Years: 3
- 22-35: 15
- 36-50: 14
- 51+ years: 13

Victim Statistics (Ejected)

- Not ejected: 35 (52%)
- Ejected: 32 (48%)

Victim Statistics (Wearing PFD)

- Not wearing PFD: 51 (76%)
- Wearing PFD: 9 (13%)
- No info: 7 (11%)

Victim Statistics (Swimming Ability)

- Can swim: 44 (66%)
- Cannot swim: 14 (21%)
- Unknown: 9 (13%)

*62 fatal accidents involving 67 victims.
2011 FATALITY DATA

VICTIM RESIDENCY

- Florida resident: 63 (94%)
- Non resident: 4 (6%)

*62 fatal accidents involving 67 fatalities.

VICTIM GENDER

- Male: 62 (93%)
- Female: 5 (7%)

VICTIM AGE

- Less than 17: 4 (6%)
- 17 - 21: 3 (5%)
- 18 - 21: 22 (35%)
- 22 - 35: 13 (19%)
- 36 - 50: 21 (31%)
- 51+: 26 (39%)

ALCOHOL/DRUG RELATED ACCIDENTS

- Alcohol/drug use: 9 (15%)
- Other causes: 53 (85%)

ALCOHOL/DRUG RELATED VICTIMS

- Alcohol/drug use: 9 (13%)
- Other causes: 58 (87%)

*62 accidents involving 67 fatalities.
(Alcohol/drug related refers to any accidents in which alcohol/drug-use may have been a contributing factor, whether or not legally impaired.)
2011 Fatality Data

Primary Cause of Accident by Reviewing Authority

- Sharp turn: 6
- Improper anchoring: 6
- Ignition of fuel vapor: 6
- Hull failure: 6
- Hazardous waters: 6
- Excessive speed: 6
- Equipment failure: 6
- Lack of vessel flotation: 2
- Improper loading: 2
- Standing/sitting on gunwale, bow or transom: 3
- Operator inexperience: 3
- Operator inattention: 3
- No proper look-out: 3
- Weather: 4
- Skier or occupant behavior: 4
- Careless/inattention: 4
- Machinery failure: 6
- Alcohol use: 9
- Other: 12

*62 fatal accidents.

State Waters vs. Offshore Waters (Fatalities)

- State Waters: 64 (95%)
- Offshore Waters: 3 (5%)

*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.