

# Reportable Boating Accidents



## Reportable Boating Accidents photo detail

Cover Photo: (Courtesy of FWC)

On January 30, 2016, at approximately 7:15 am, a 37' open motorboat was travelling east cruising at approximately 25 mph with a total of three people onboard. The operator was behind the helm looking down at a chart. One occupant was standing next to him and the other was on the stern, rigging bait fish. None of them were looking in the direction the vessel was traveling. A 54' cabin motorboat was idling, bow facing north, while setting up kites for the purpose of fishing. A few seconds before impact, the operator of the cabin boat, observed the other vessel heading for the port side of his vessel. He was able to reverse his vessel a few feet before impact. The open motorboat impacted the cabin boat's port side, penetrating the vessel above the water line. One occupant was below deck in the cabin and missed being struck by the penetrating vessel's bow and anchor by just a few feet. No serious injuries were sustained. Both vessels remained operable after the accident and were able to safely return to land.

## 2016 REPORTABLE BOATING ACCIDENTS

2016 VESSEL REGISTRATION AND ACCIDENTS BY COUNTY								
County	Recreational Vessels	Total Vessels	Reportable Accidents	Fatalities	Injuries	Property Damage	Rank	Accident Rate*
Alachua	10,252	10,530	0	0	0	\$0	53	0
Baker	2,464	2,475	0	0	0	\$0	53	0
Bay	17,240	18,043	13	2	11	\$98,150	17	1:1,388
Bradford	2,305	2,321	0	0	0	\$0	0	0
<b>Brevard</b>	<b>32,731</b>	<b>33,999</b>	<b>27</b>	<b>0</b>	<b>21</b>	<b>\$183,530</b>	<b>8</b>	<b>1:1,259</b>
<b>Broward</b>	<b>42,773</b>	<b>44,212</b>	<b>38</b>	<b>1</b>	<b>14</b>	<b>\$1,353,302</b>	<b>6</b>	<b>1:1,163</b>
Calhoun	1,589	1,620	0	0	0	\$0	53	0
<b>Charlotte</b>	<b>21,633</b>	<b>22,310</b>	<b>18</b>	<b>4</b>	<b>11</b>	<b>\$79,350</b>	<b>10</b>	<b>1:1,239</b>
Citrus	15,825	16,444	13	2	6	\$55,659	16	1:1,265
Clay	12,409	12,616	6	0	7	\$11,000	28	1:2,103
<b>Collier</b>	<b>21,816</b>	<b>22,846</b>	<b>31</b>	<b>0</b>	<b>20</b>	<b>\$1,174,700</b>	<b>7</b>	<b>1:737</b>
Columbia	4,415	4,455	0	0	0	\$0	53	0
Desoto	2,268	2,350	2	0	3	\$2,000	42	1:1,175
Dixie	2,266	2,568	2	1	1	\$100	43	1:1,284
<b>Duval</b>	<b>26,060</b>	<b>26,764</b>	<b>18</b>	<b>0</b>	<b>9</b>	<b>\$106,700</b>	<b>11</b>	<b>1:1,487</b>
Escambia	15,115	15,503	5	1	2	\$62,500	29	1:3,101
Flagler	5,408	5,512	0	0	0	\$0	53	0
Franklin	2,368	3,265	4	0	5	\$13,500	33	1:816
Gadsden	2,257	2,290	0	0	0	\$0	53	0
Gilchrist	1,705	1,730	0	0	0	\$0	53	0
Glades	1,229	1,259	4	2	2	\$53,500	34	1:315
Gulf	2,780	3,086	4	0	3	\$22,700	35	1:772
Hamilton	881	895	0	0	0	\$0	53	0
Hardee	1,623	1,650	0	0	0	\$0	53	0
Hendry	2,856	2,971	1	0	0	\$12,000	50	1:2,971
Hernando	9,413	9,627	7	1	4	\$17,600	25	1:1,375
Highlands	8,894	8,986	1	0	0	\$4,000	47	1:8,986
<b>Hillsborough</b>	<b>39,910</b>	<b>40,782</b>	<b>20</b>	<b>3</b>	<b>9</b>	<b>\$135,000</b>	<b>9</b>	<b>1:2,039</b>
Holmes	2,044	2,067	0	0	0	\$0	53	0
Indian River	10,356	10,800	9	2	6	\$141,500	23	1:1,200
Jackson	4,691	4,726	2	1	1	\$14,450	41	1:2,363
Jefferson	1,256	1,277	0	0	0	\$0	53	0
Lafayette	905	910	1	0	1	\$0	49	1:910
Lake	20,801	21,071	11	3	6	\$38,150	20	1:1,916
<b>Lee</b>	<b>45,759</b>	<b>47,189</b>	<b>39</b>	<b>6</b>	<b>29</b>	<b>\$1,417,000</b>	<b>5</b>	<b>1:1,210</b>
Leon	12,726	12,906	0	0	0	\$0	53	0
Levy	4,049	4,409	6	1	5	\$25,700	27	1:735

## 2016 REPORTABLE BOATING ACCIDENTS

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County	Recreational Vessels	Total Vessels	Reportable Accidents	Fatalities	Injuries	Property Damage	Rank	Accident Rate*
Liberty	1,073	1,094	0	0	0	\$0	53	0
Madison	1,167	1,174	0	0	0	\$0	53	0
Manatee	17,662	18,527	11	3	7	\$62,300	21	1:1,684
Marion	18,561	18,828	1	1	1	\$0	48	1:18,828
Martin	16,778	17,548	17	4	2	\$164,863	12	1:1,032
<b>Miami-Dade</b>	<b>63,670</b>	<b>66,422</b>	<b>67</b>	<b>7</b>	<b>37</b>	<b>\$438,000</b>	<b>2</b>	<b>1:991</b>
<b>Monroe</b>	<b>26,233</b>	<b>29,106</b>	<b>105</b>	<b>3</b>	<b>52</b>	<b>\$1,061,329</b>	<b>1</b>	<b>1:277</b>
Nassau	6,122	6,294	1	1	0	\$0	45	1:6,294
Okaloosa	17,909	18,583	14	3	15	\$231,500	15	1:1,327
Okeechobee	4,819	5,000	2	0	2	\$11,500	44	1:2,500
Orange	26,335	26,789	10	2	8	\$72,500	22	1:2,679
Osceola	7,911	8,055	1	0	1	\$0	46	1:8,055
<b>Palm Beach</b>	<b>36,493</b>	<b>37,750</b>	<b>62</b>	<b>3</b>	<b>19</b>	<b>\$1,008,962</b>	<b>3</b>	<b>1:609</b>
Pasco	23,643	24,136	8	1	4	\$38,500	24	1:3,017
<b>Pinellas</b>	<b>48,029</b>	<b>49,754</b>	<b>44</b>	<b>2</b>	<b>37</b>	<b>\$473,650</b>	<b>4</b>	<b>1:1,131</b>
Polk	28,062	28,562	4	0	4	\$8,000	31	1:7,141
Putnam	7,311	7,611	5	1	2	\$37,500	30	1:1,522
Santa Rosa	14,150	14,443	3	0	2	\$7,200	36	1:4,814
Sarasota	21,696	22,328	14	0	10	\$1,168,500	14	1:1,595
Seminole	17,981	18,281	7	0	6	\$12,700	26	1:2,611
St. Johns	14,015	14,473	12	1	11	\$29,600	18	1:1,206
St. Lucie	12,376	12,950	12	1	6	\$50,800	19	1:1,079
Sumter	4,416	4,471	2	0	1	\$5,000	39	1:2,236
Suwannee	2,736	2,762	2	0	2	\$4,000	40	1:1,381
Taylor	3,577	3,741	3	0	1	\$21,300	37	1:1,247
Union	990	998	1	1	0	\$0	52	1:998
Volusia	26,573	27,506	17	2	7	\$77,000	13	1:1,618
Wakulla	4,770	5,073	2	0	1	\$35,000	38	1:2,537
Walton	5,522	5,685	4	1	6	\$9,500	32	1:1,421
Washington	2,380	2,403	1	0	1	\$1,200	51	1:2,403
DHSMV	3,253	4,639						
<b>TOTAL</b>	<b>899,235</b>	<b>931,450</b>	<b>714</b>	<b>67</b>	<b>421</b>	<b>\$10,052,495</b>		<b>1:1,305</b>

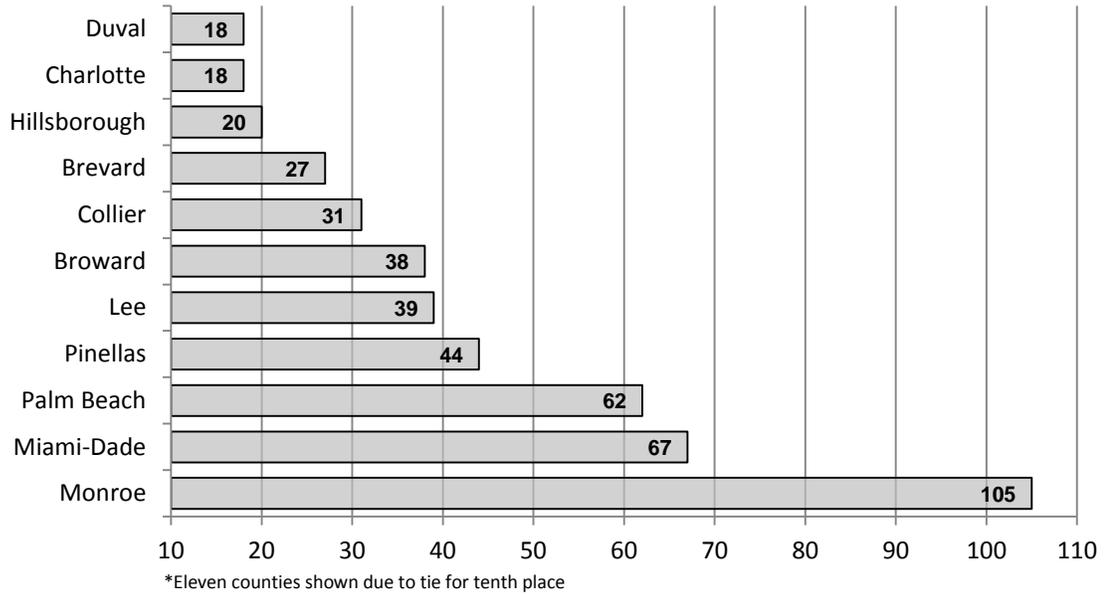
\*Accident Rate =  $\frac{\text{\# of Registered Vessels}}{\text{\# of Accidents}}$

Those counties in bold print represent the top eleven counties.

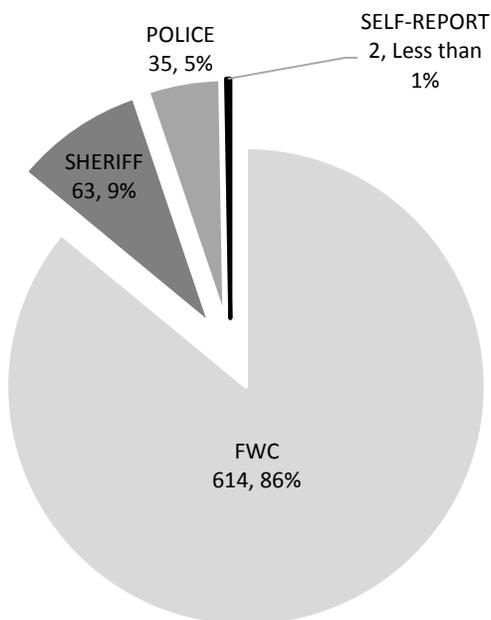
DHSMV numbers represent registrations issued at main office instead of at the county level.

## 2016 REPORTABLE BOATING ACCIDENTS

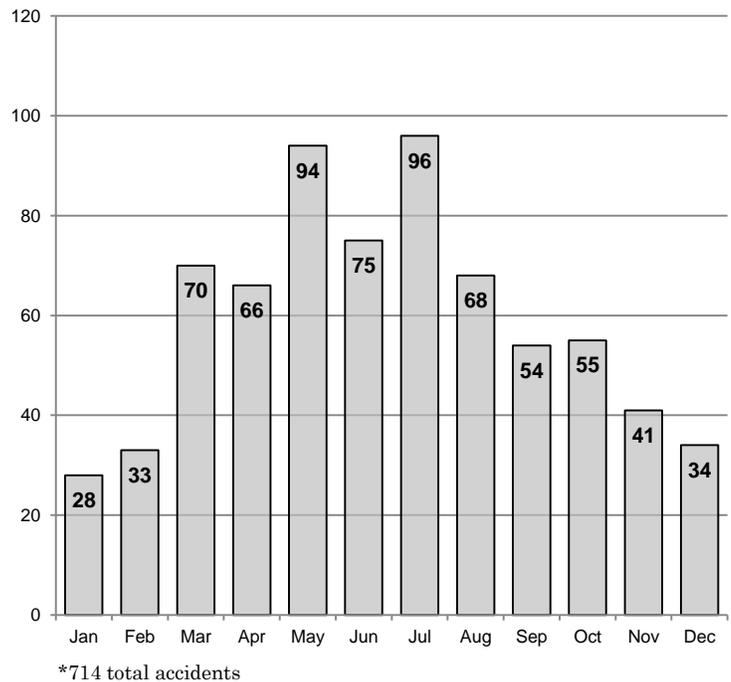
### TOP ELEVEN COUNTIES



### INVESTIGATING AGENCY

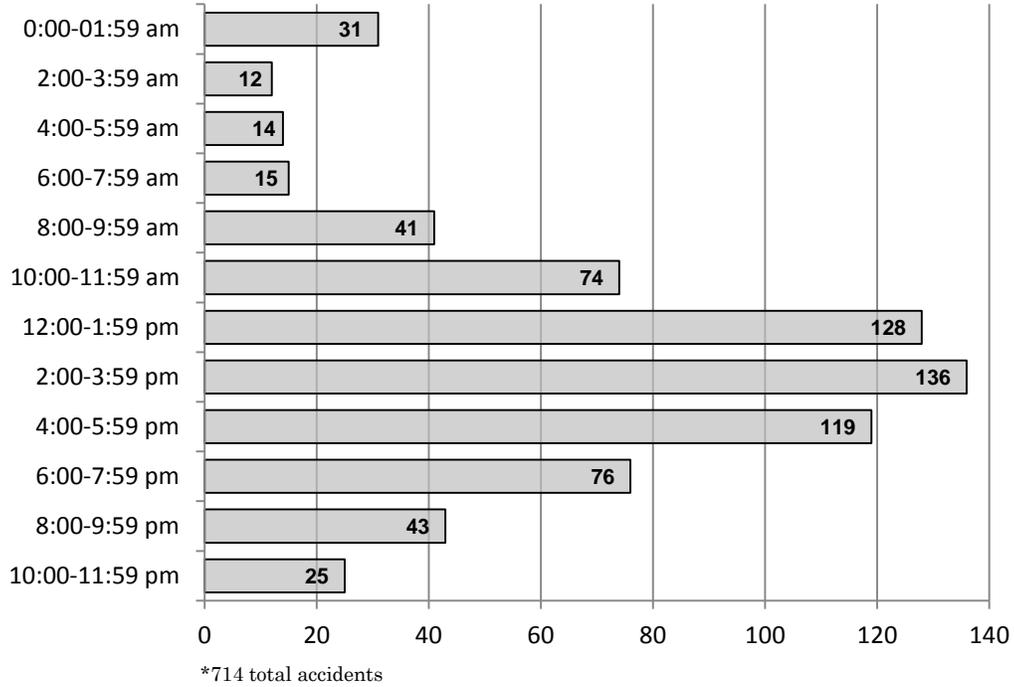


### ACCIDENTS BY MONTH

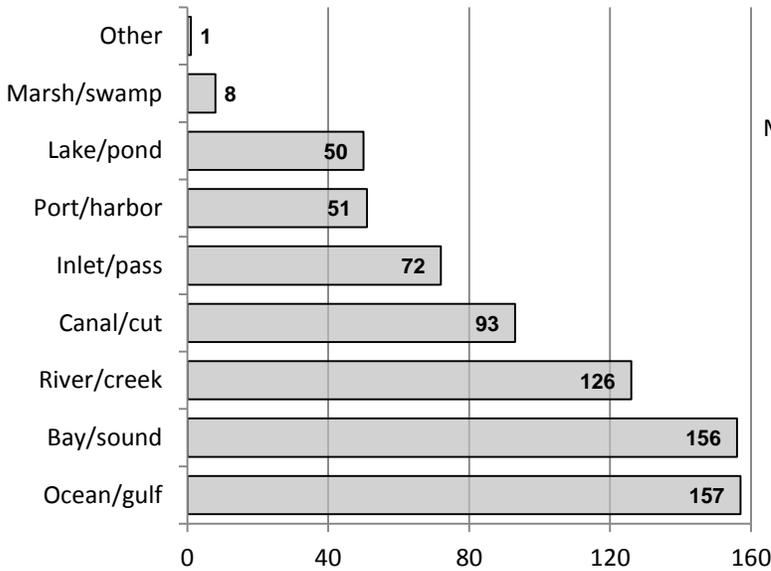


## 2016 REPORTABLE BOATING ACCIDENTS

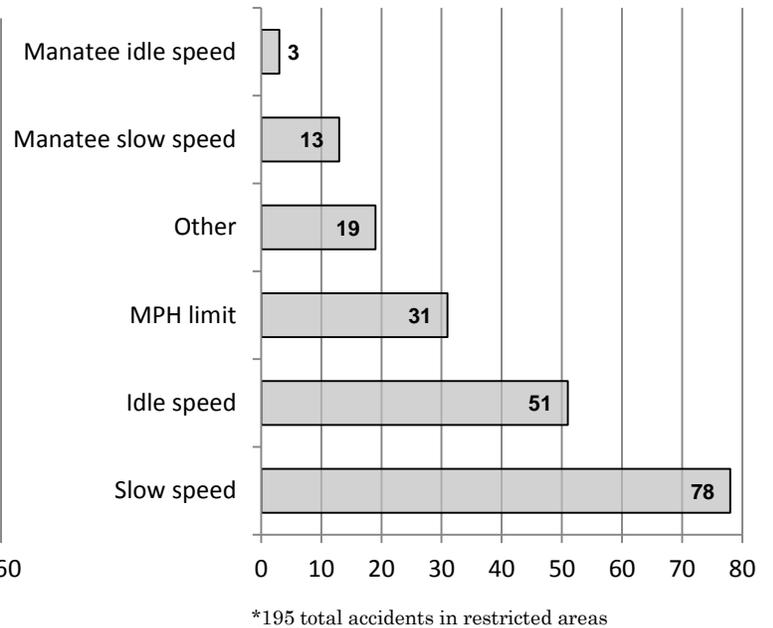
### TIME OF DAY



### ACCIDENT SITE LOCATION

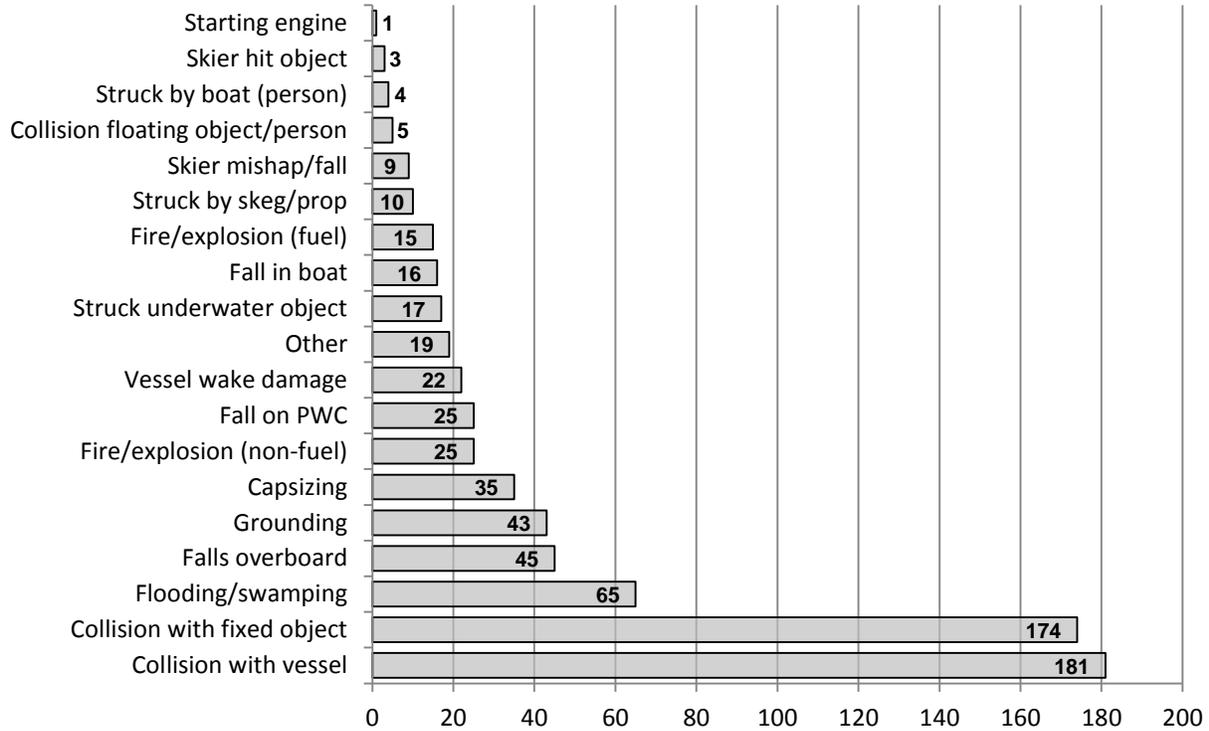


### RESTRICTED AREA ACCIDENTS



## 2016 REPORTABLE BOATING ACCIDENTS

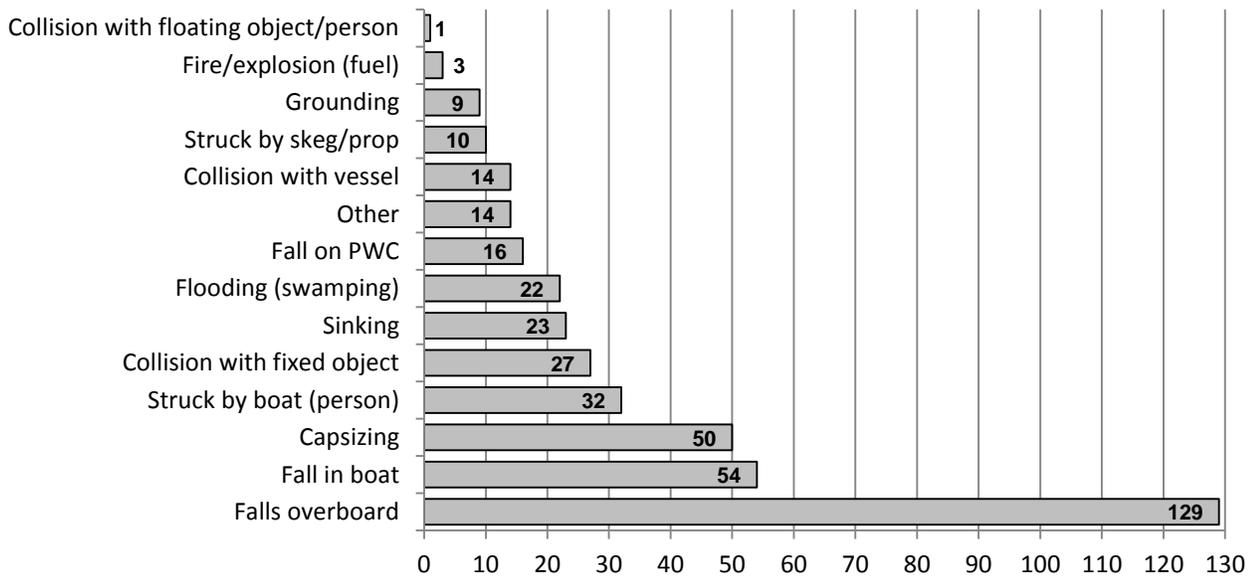
### PRIMARY TYPE OF ACCIDENT



\*714 accidents involving 991 vessels

(Based on first harmful event as determined by the state reviewing authority.)

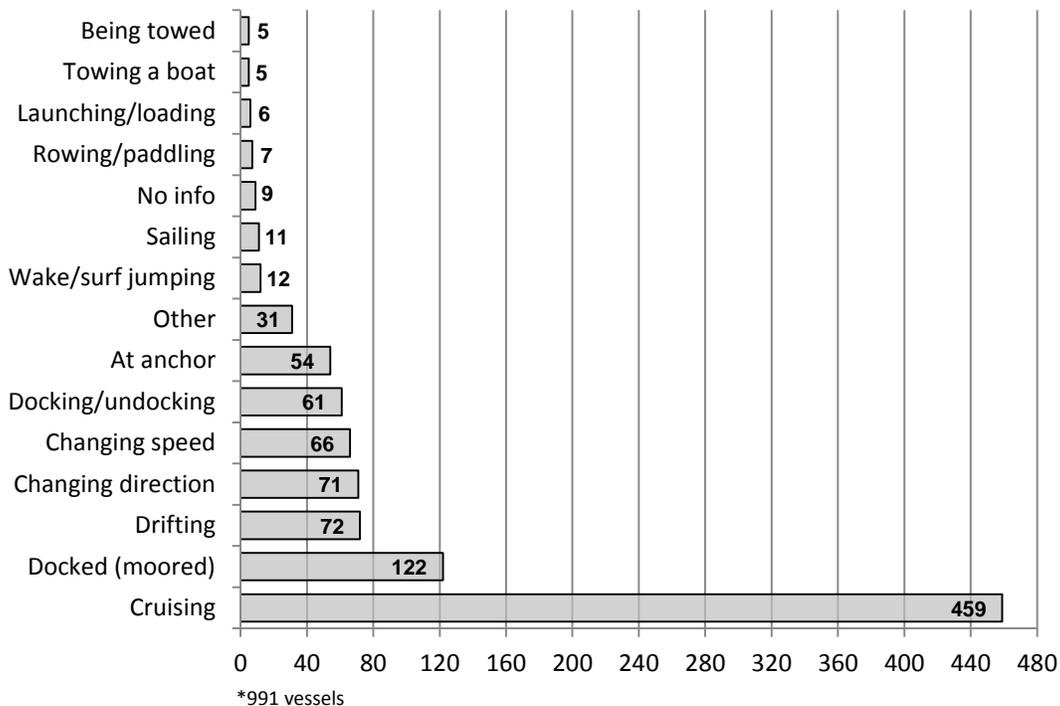
### SECONDARY TYPE OF ACCIDENT



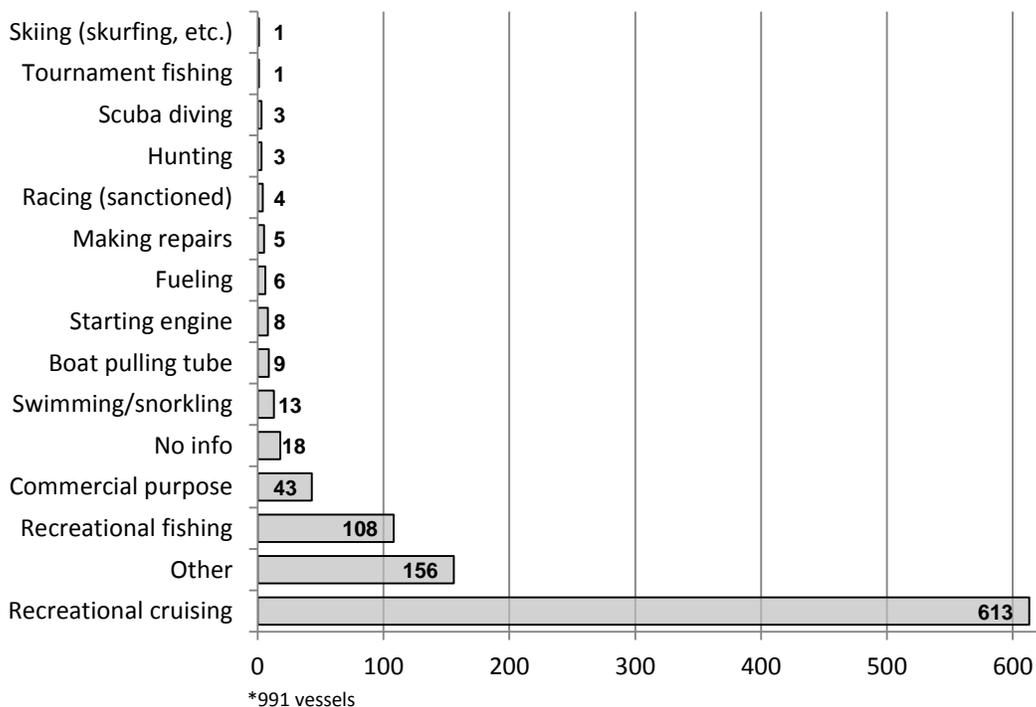
\*310 of the 714 accidents did not have a secondary type of accident

## 2016 REPORTABLE BOATING ACCIDENTS

### OPERATION AT TIME OF ACCIDENT

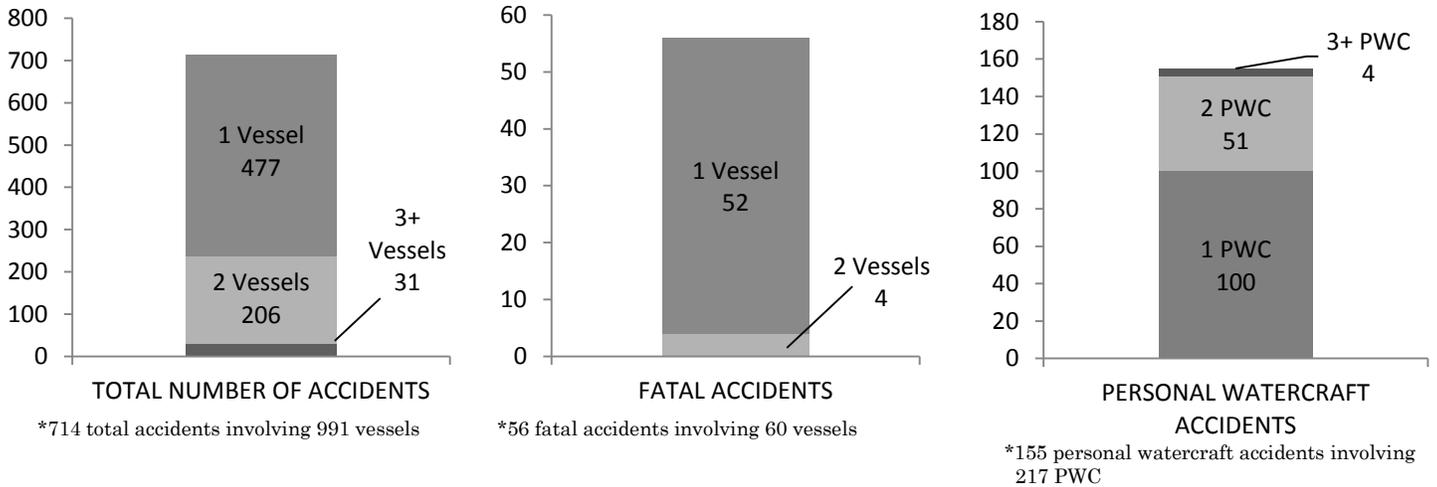


### ACTIVITY AT TIME OF ACCIDENT

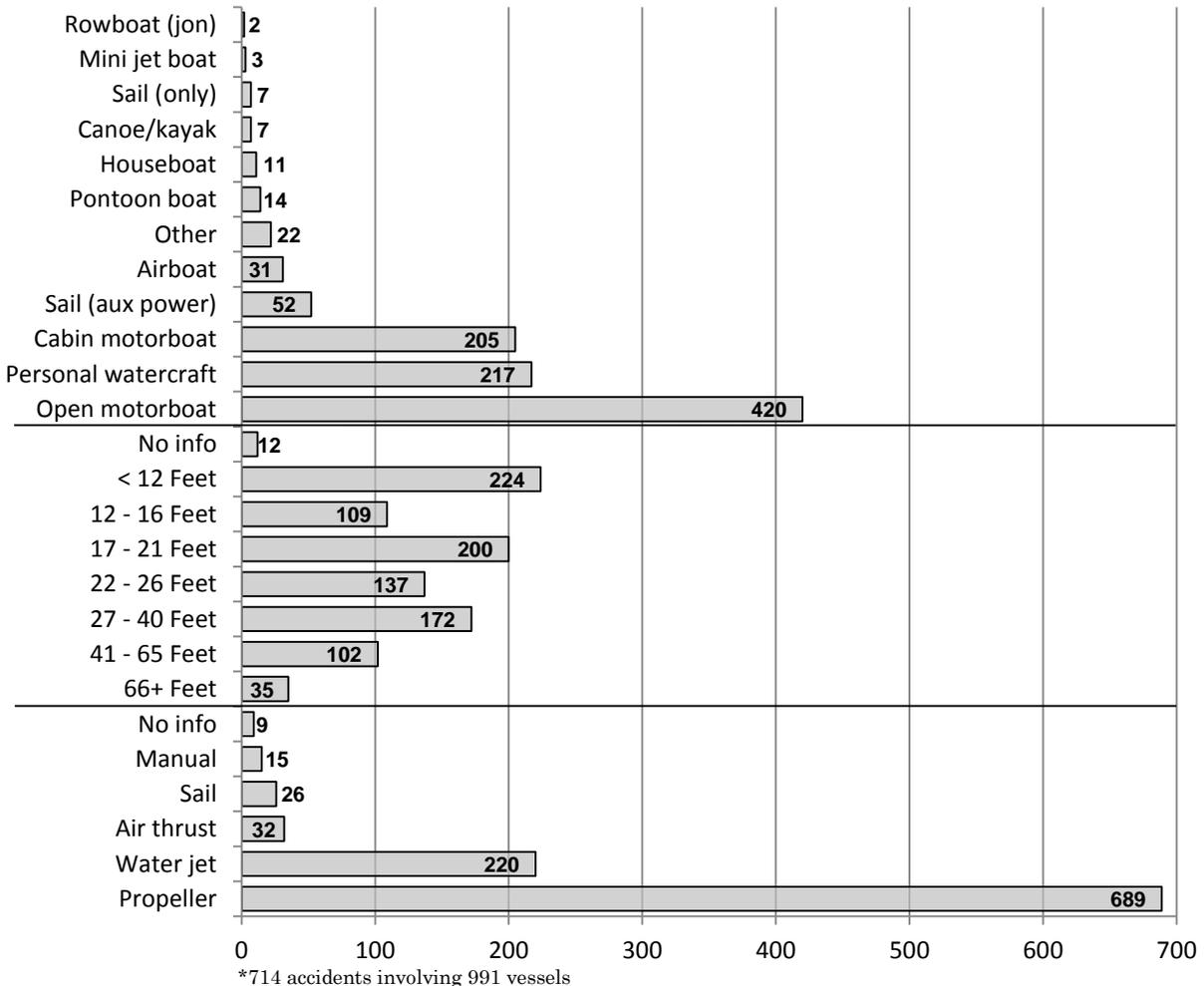


# 2016 REPORTABLE BOATING ACCIDENTS

## VESSEL COUNT IN REPORTABLE ACCIDENTS

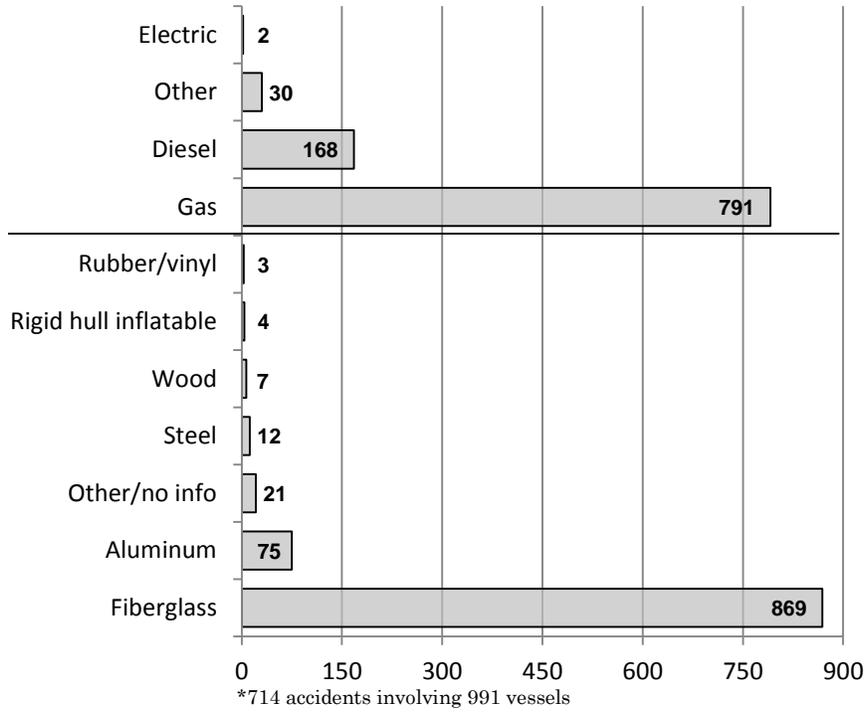


## VESSEL TYPE, LENGTH & PROPULSION

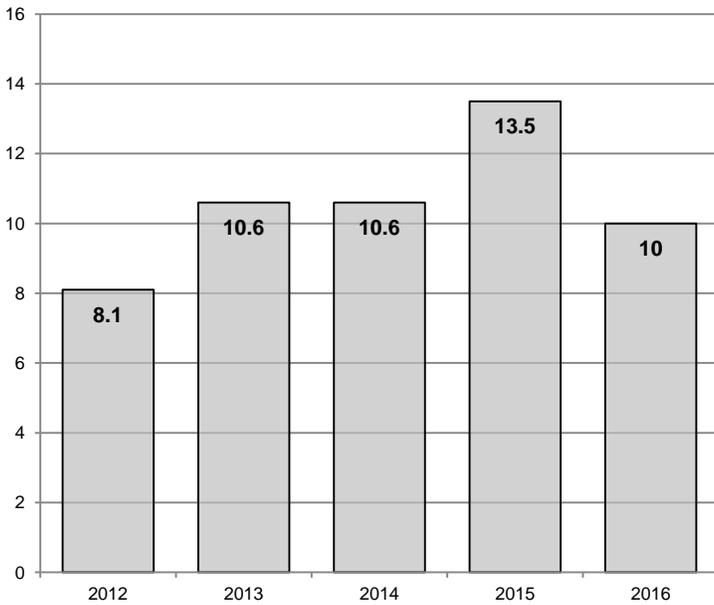


## 2016 REPORTABLE BOATING ACCIDENTS

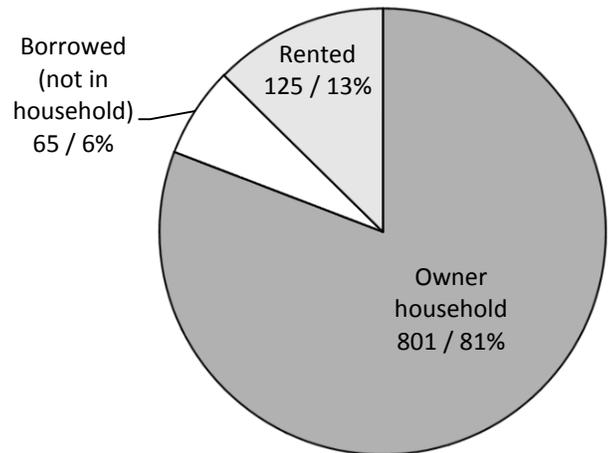
### VESSEL FUEL & HULL TYPE



### VESSEL & PROPERTY DAMAGE FIGURES (IN MILLIONS)

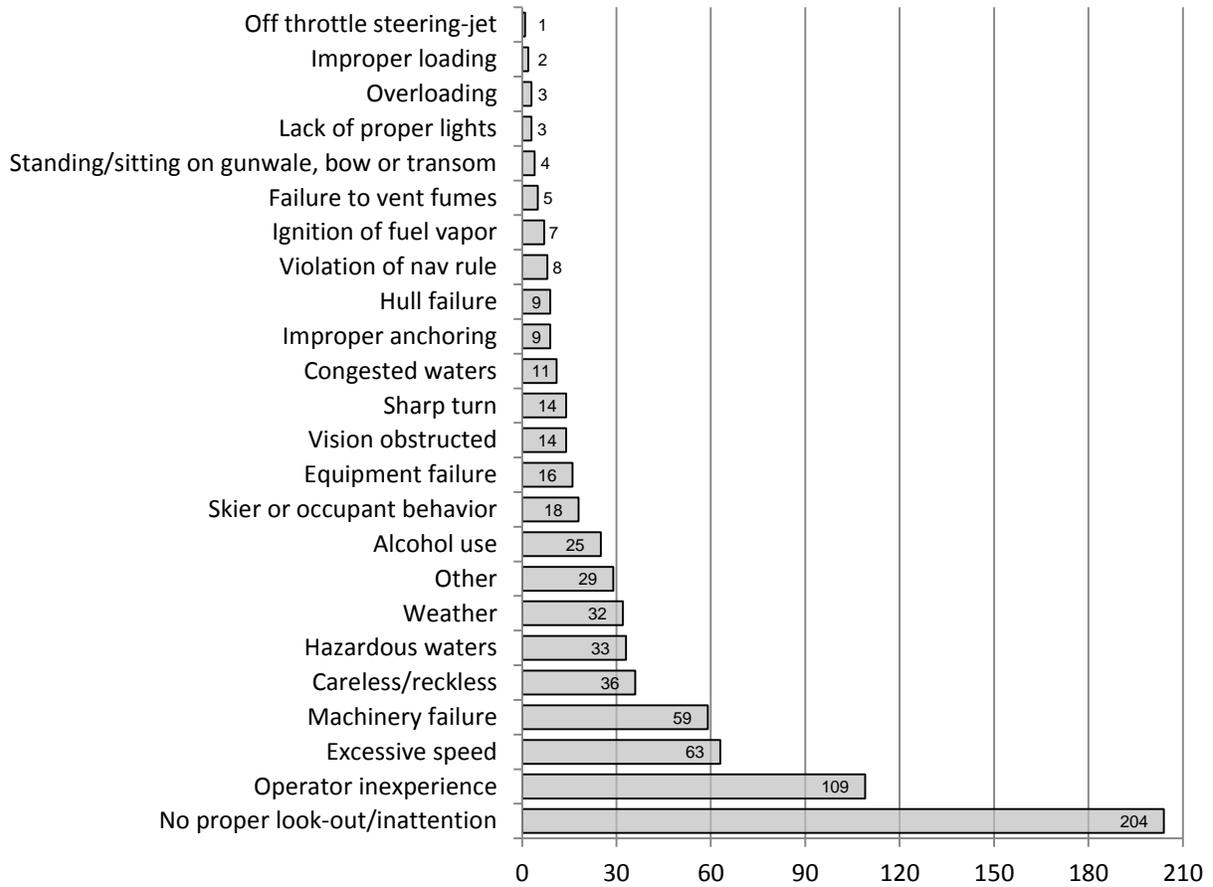


### VESSEL OWNERSHIP

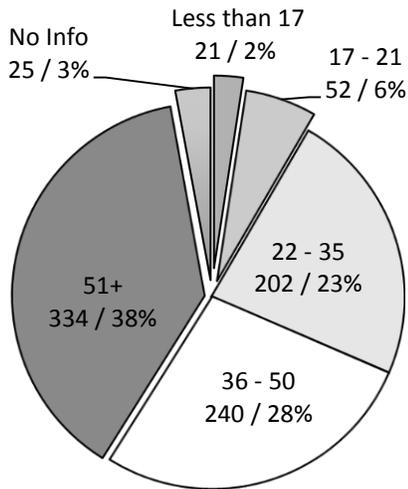


# 2016 REPORTABLE BOATING ACCIDENTS

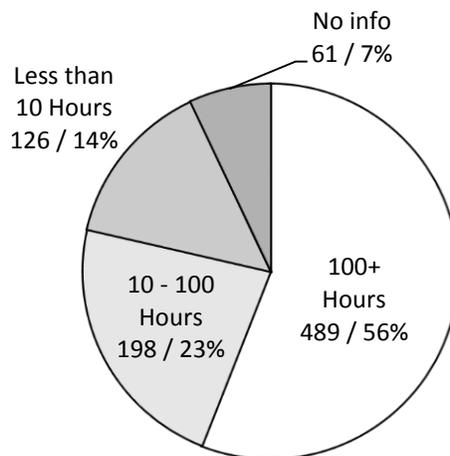
## PRIMARY CAUSE ASSESSED BY REVIEWING AUTHORITY



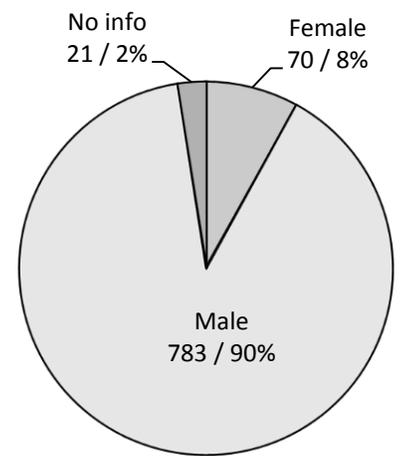
### OPERATOR AGE



### OPERATOR EXPERIENCE (HOURS)



### OPERATOR GENDER



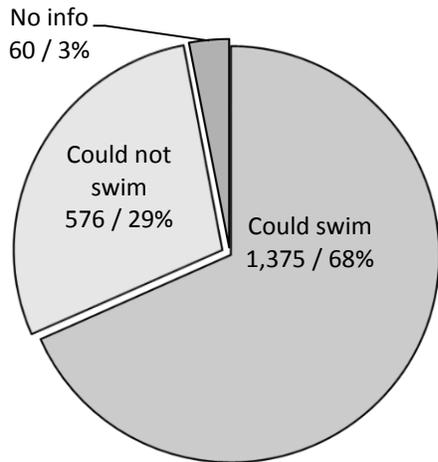
\*714 accidents involving 874 operators.

Vessels may have been docked, anchored, or involved in a hit and run accident which would result in no operator information.

Also some information may not be provided by operators.

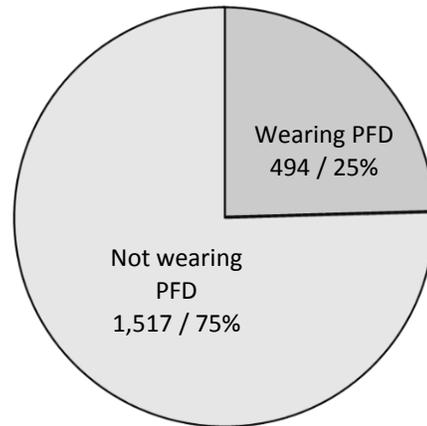
## 2016 REPORTABLE BOATING ACCIDENTS

### OPERATOR/OCCUPANT SWIMMING ABILITY

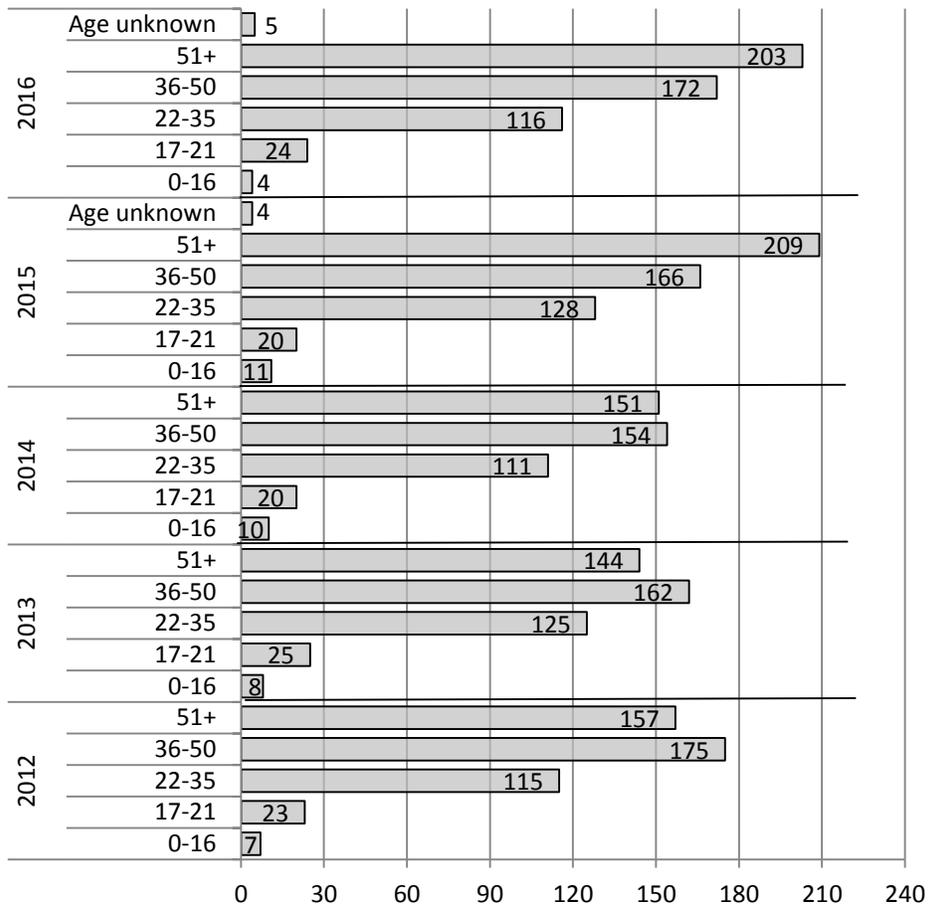


\*2,011 total occupants and operators

### OPERATOR/OCCUPANT PFD USE

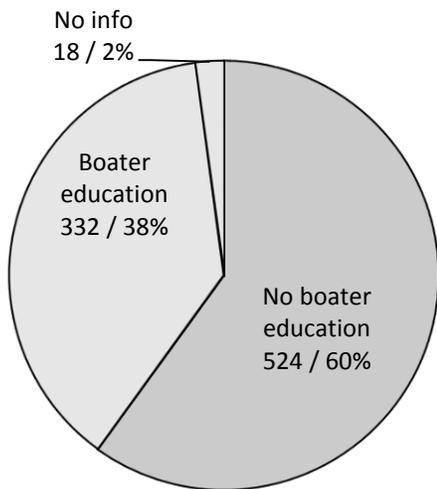


### OPERATOR BY AGE WITH NO BOATER EDUCATION



\*Five operators did not provide date of birth (DOB)

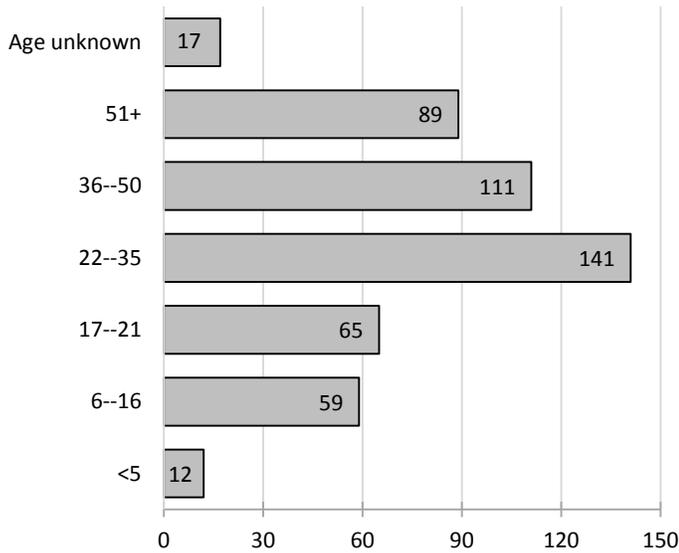
### BOAT OPERATOR EDUCATION



\*874 operators

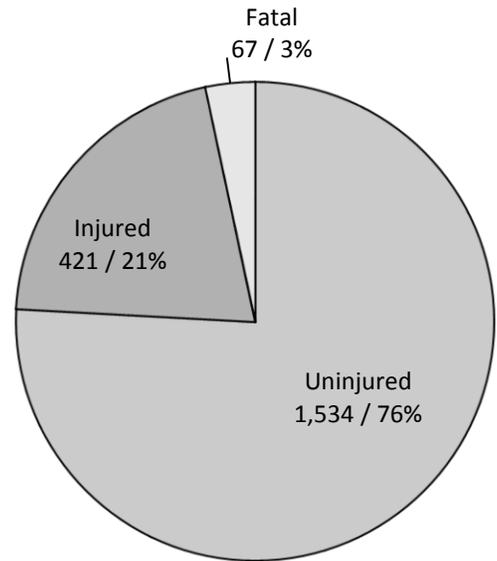
## 2016 REPORTABLE BOATING ACCIDENTS

### PFD WEAR BY AGE



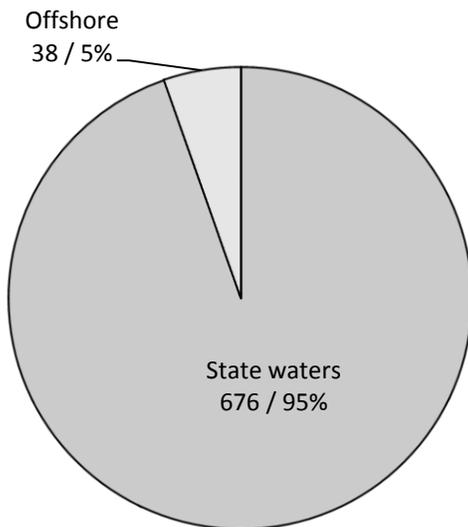
\*494 of 2,011 operators/occupants were wearing a PFD at time of the accident. 17 did not provide a date of birth.

### VICTIM STATISTICS



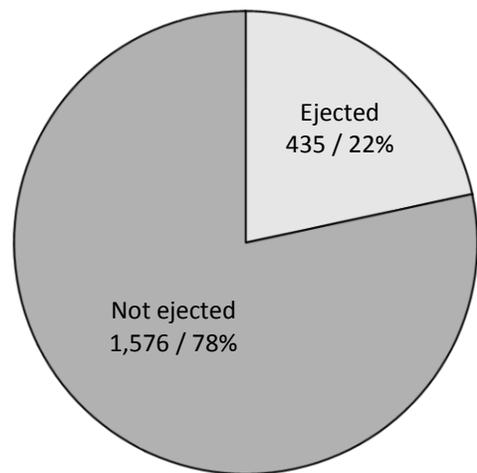
\*2,022 persons involved in vessel accidents. 2,011 operators/occupant and 11 swimmers.

### STATE WATERS VS. OFFSHORE WATERS (ACCIDENTS)



\*Offshore is defined as the edge of the Gulfstream or three miles from shore, whichever is greater, in the Atlantic and more than nine miles out in the Gulf of Mexico.

### VICTIM STATISTICS (EJECTED)



\*2,011 total operators and occupants

