

ILLINOIS RECREATIONAL BOATING REPORT

Federal Fiscal Year October 1, 2017 – September 30, 2018

Department of Natural Resources – Office of Law Enforcement



**Illinois Department of Natural Resources
One Natural Resource Way
Springfield Illinois 62702**

**IDNR Director, Colleen Callahan
OLE Director, Jerry Costello II
Deputy Chief Joe Morelock
BLA Sergeant Chris Stone**

FOREWORD

Boating Report 2018 contains statistics on recreational boating accidents, recreational boating enforcement, boating safety, and boat registering activities. Statistical information contained in this report is based on the Federal Fiscal Year 2018 (FFY18) (10/01/2017 – 09/30/2018), excluding the registered boats, which is based on calendar year 2018. This publication is a result of the coordinated effort of the Illinois Department of Natural Resources (IDNR) and those jurisdictions which investigate recreational boating accidents and enforce boating laws in the State of Illinois.

Boating Report 2018 may be copied freely in the interest of boating safety. For questions and suggestions regarding content, availability of the current or back issues, use the address or telephone number at the bottom of the cover page. For an electronic copy, visit the Illinois Department of Natural Resources Web Site at <http://www.dnr.illinois.gov/safety/Pages/IncidentReportSummaries.aspx>

Law Enforcement Creed

“To serve, protect, and educate the citizens and visitors to the state of Illinois in their outdoor recreational endeavors.”

“To be a vigilant guardian of the natural resources, public safety, and homeland security of Illinois.”

“To assist the public in their times of need; routine and emergency.”

“To educate the inadvertent violator of conservation law, by taking an appropriate level of enforcement action to achieve this goal.”

“To relentlessly pursue, with full statewide police authority, deliberate offenders and bring them before the courts for the administration of justice”

“To maintain the highest level of professional standards, integrity, and conduct.”

“THIS WE PLEDGE TO THE CITIZENS OF ILLINOIS.”

TABLE OF CONTENTS

Scope	5
Reporting Guidelines for Boat Accidents	5
Suspension Provisions	5
How Do I Report A Boating Violation or Boat Accident?	5
“Reportable” Boating Accidents	6
“Non-Reportable” Boating Accidents	7
Recreational Boating Safety Statistical Summary	8
Boating Accidents and Enforcement at a Glance 1964 – Present	9-10
BOATING SAFETY EDUCATION	11-12
General Information	11
Traditional Course / Internet Course / Total Number of People Issued Boat Safety Cards	12
REGISTERED RECREATIONAL BOATS – Calendar Year 2018	13-15
Registered Recreational Boats	13
Report of Certificates of Number Issued to Boats	14-15
BOATING ENFORCEMENT – Federal Fiscal Year 2018	16-23
Top Boating Violations – Citations / Written Warnings	16
Complete List of Boating Citations	17-18
Complete List of Boating Written Warnings	19-20
Boat Registration Inspections	21
Boating Patrol Log Report	22
Operating Under the Influence (OUI) Arrests	22
Boating Accidents and Alcohol Use	23
BOATING ACCIDENT REPORT – Federal Fiscal Year 2018	24-44
Total Number of Accidents / Injuries / Fatalities / Vessels / Registered Boats	24
Number of Accidents/Injuries / Fatalities per 100,000 Registered Boats	24
Fatalities -- Cause of Death	24
Fatalities -- Life Jacket Use	24
Fatalities -- Cause of Death and Life Jacket Use	24
Fatalities -- Victim Activity	24
Fatalities -- Vessel Type	24
Fatalities -- Vessel Type and Life Jacket Use	24
Injuries -- Injury Cause Primary and Life Jacket Use	25
Injuries -- Victim Activity	25
Injuries -- Primary Type of Injury	25
Injuries -- Injury Cause Primary	25
TIME RELATED ACCIDENT STATISTICS	26-29
Accidents by Date of Accidents & Monthly Totals	26-27
Accidents by Day of Week	27
Accidents by Time of Day	28-29

WATER & WEATHER CONDITIONS ACCIDENT STATISTICS	30
Accidents by Water Conditions	30
Accidents by Weather Conditions	30
Accidents by Wind Conditions	30
Accidents by Visibility	30
CAUSE & TYPE ACCIDENT STATISTICS	31-32
Accident Causes/Contributing Factors (Primary Cause/Factor)	31
Accident Types (Primary Type)	32
VESSEL ACCIDENT STATISTICS	32-34
Accidents by Type of Vessel	32
Accidents by Vessel Operation at Time of Accident	33
Accidents by Vessel Length in Feet	34
OPERATOR ACCIDENT STATISTICS	35-36
Operator Boating Safety Education	35
Operator's Overall Boating Experience (in Hours)	35
Accidents by Operator Age	36
BODY OF WATER & COUNTY ACCIDENT STATISTICS	37-44
Body of Water	37
Body of Water Broken Down by County	38-40
County	41
County Broken Down by Body of Water	42-44
FATAL BOATING ACCIDENTS REPORT – Federal Fiscal Year 2018	45-52
Fatal Boat Accident Statistical Summary	45-46
Fatal Boat Accident Narratives	47-52
<p>The Illinois Boating Digest has been posted on the IDNR website at http://www.dnr.illinois.gov/boating/Documents/BoatDigest.pdf. The Boating Digest will no longer be available in pamphlet form. It has been converted into a PDF document for easier viewing and printing from the website.</p>	



SCOPE

Statistical information contained in this report is based on the Federal Fiscal Year 2018 (FFY18) (10/01/2017 – 09/30/2018), excluding the registered boats, which is based on calendar year 2018. This report contains statistics on recreational boating accidents, registered boats, boating enforcement, and information on boating safety activities. Data used to compile the recreational boating accident statistics comes from two sources: (1) Boating Accident Reports of IDNR investigations of boating accidents that occurred on waters within the State; and (2) reports forwarded to the IDNR by other jurisdictions within the State. In the absence of investigations, information is collected from accident reports filed by boat operators. Data used to compile the boating enforcement statistics comes from three sources: (1) IDNR Conservation Police Officer Daily Activity Reports, (2) CPO Operating Under the Influence Reports, and (3) reports forwarded to the IDNR by other jurisdictions within the State.

REPORTING GUIDELINES FOR BOAT ACCIDENTS

Federal Regulations (33 CFR 174.121) require accident report data to be forwarded to Coast Guard Headquarters within 30 days of receipt by a state.

Illinois Boat Registration and Safety Act (625 ILCS 45/6) requires the operator of a vessel involved in a collision or accident must render aid (if practical) to any affected persons and provide his name, address and vessel information to any person injured and to the owner of any property damaged as a result of the collision or accident. Failure to comply when the accident or collision resulted in the death or personal injury to a person is a Class A misdemeanor. Any person who has failed to stop or comply with this section must as soon as possible but no later than one hour after the collision or accident occurred, report the incident to the nearest police station or sheriff's office. If the operator was hospitalized, this report must be filed within one hour of being discharged from the hospital. If the collision or accident involved personal injury to a person, failure to comply is a Class 4 felony. Personal injury is defined as any injury requiring treatment beyond first aid. If the collision or accident resulted in death, failure to comply is a Class 2 felony punishable by 3 – 4 years in prison.

In addition to the above requirements, whenever a boat is involved in a collision or accident causing property damage of \$2000 or more, or results in total loss of the vessel, or causes injury to any person requiring medical attention beyond first aid, a report, completed by the operator, must be made to the Department, on forms provided, within 5 days. All boating accidents which result in loss of life must be reported, by the operator, to the Department on forms provided, within 48 hours.

Boat accident reporting applies to each "vessel" used by its operator for recreational purposes or vessels that are required to be numbered and are not subject to inspection.

The term "vessel" includes every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on the water. Terms used to describe the various types of watercraft are: airboats, auxiliary sailboats, cabin motorboat, canoe, houseboat, inflatable boat, kayak, open motorboat, personal watercraft, pontoon boat, raft, rowboat, and sailboat. Unmodified inner tubes have not been determined to be "vessels" to date and thus any accident that only involves an unmodified inner tube has not been included in the statistics in the main body of this report.

Operators of motorboats involved in a boating accident resulting in serious injury or death must submit to chemical testing (breath, blood, or urine) upon request by the investigating law enforcement officer. Failure to submit to requested testing or submitting to testing but failing such testing, shall result in a suspension of the motorboat operators Illinois driver's license by the Illinois Secretary of State.

Suspension Provisions

A person's privileges to operate a watercraft may be suspended for a period of 1 to 3 years for violations of operating under the influence, careless or reckless operation, or failure to report an accident.

Further, it shall be unlawful for any person to operate a watercraft when their privileges have been suspended or revoked in this state, or by another state, a federal agency, or a province of Canada.

How Do I Report A Boating Violation or Boat Accident?

Illinois Conservation Police Officers (CPO's) are dispatched by your local Illinois State Police District HQ dispatch center. If you have a serious boating violation or boat accident to report, dial "911" immediately. Otherwise, contact your local Illinois State Police District HQ dispatch center for assistance in contacting a Conservation Police Officer. A listing of Illinois State Police Districts can be found at <http://www.isp.state.il.us/>

“Reportable” Boating Accidents

A *vessel* is considered to be involved in a “boating accident” whenever a death, missing person, personal injury, property damage, or total vessel loss results from the vessel's operation, construction, seaworthiness, equipment, or machinery.

The following are examples of accident types that are used in this report:

- Grounding, capsizing, sinking, or flooding/swamping
- Falls in or overboard a vessel
- Persons ejected from a vessel
- Fire or explosions that occur while underway and while anchored, moored or docked if the fire resulted from the vessel or vessel equipment.
- Water-skiing or other mishap involving a towable device
- Collision with another vessel or object
- Striking a submerged object
- A person struck by a vessel, propeller, propulsion unit, or steering machinery
- Carbon monoxide exposure
- Electrocutation due to stray current related to a vessel
- Casualties while swimming from a vessel that is not anchored, moored or docked.
- Casualties where natural causes served as a contributing factor in the death of an individual but the determined cause of death was drowning.
- Casualties from natural phenomena such as interaction with marine life (i.e. leaping sturgeon causes casualty to person) and interaction with nature (i.e. mountain side falls onto vessel causing casualties).
- Casualties where a person falls off an anchored vessel.

“Non-Reportable” Boating Accidents

Not every occurrence involving a vessel is considered within the scope of the National Recreational Boating Safety Program. The following occurrences involving a vessel may be required to be reported to the state, but for statistical purposes are excluded from this report and are considered “non-reportable” boating accidents:

- A person dies, is injured, or is missing as a result of self-inflicted wounds, alcohol poisoning, gunshot wounds, or the ingestion of drugs, controlled substances or poison.
- A person dies, is injured, or is missing as a result of assault by another person or persons while aboard a vessel.
- A person dies or is injured from natural causes while aboard a vessel.
- A person dies, is injured, or is missing as a result of jumping, diving, or swimming for pleasure from an anchored, moored or docked vessel.
- A person dies, is injured, or is missing as a result of swimming to retrieve an object or a vessel that is adrift from its mooring or dock, having departed from a place of inherent safety, such as the shore or pier.
- Property damage occurs or a person dies, is injured, or is missing while preparing a vessel for launching or retrieving and the vessel is not on the water and capable / ready for its intended use.
- Property damage occurs or a person dies, is injured, or is missing as a result of a fire on shore or a pier that spreads to a vessel or vessels.
- Property damage occurs to a docked or moored vessel or a person dies, is injured, or is missing from such a vessel as a result of storms, or unusual tidal or sea conditions; or when a vessel gets underway in those conditions in an attempt to rescue persons or vessels.
- Property damage occurs to a docked or moored vessel due to lack of maintenance on the vessel.
- Property damage occurs to a docked or moored vessel due to theft or vandalism.
- Property damage occurs to, a person dies or is injured on, or a person is missing from a non-propelled houseboat or other vessel used primarily as a residence when such a vessel is not underway.
- Casualties that result from falls from or on docked vessels or vessels that are moored to a permanent structure.
- Casualties that result from a person climbing aboard an anchored vessel from the water or swimming near an anchored vessel.
- Fire or explosions on anchored, docked or moored boats where the cause of the fire was not attributed to the vessel or vessel equipment.
- Casualty or damage that results when the vehicle used for trailering the vessel fails.
- Casualties or damage that occurs during accidents that only involve unmodified inner tubes.
- Casualties or damage that occurs when the only vessel(s) involved are being used solely for governmental, commercial or criminal activity.
- Casualties or damage that occurs when the only vessel(s) involved are not numbered and are being used exclusively for racing.
- Casualties or damage that occur when the only vessel(s) involved are foreign vessels and thus not subject to U.S. federal reporting requirements.

RECREATIONAL BOATING STATISTICAL SUMMARY

This report summarizes the Federal Fiscal Year 2018 Illinois Recreational Boating. Statistical information contained in this report is based on the Federal Fiscal Year 2018 (FFY18), excluding the Certificate of Numbered Vessel Reports, which is based on calendar year 2018.

Illinois officers investigated 68 reportable boat accidents, which was a decrease over FFY 2017 (80). A total of 34 injuries were reported in FFY 2018, decreased from previous year (48). A total of 18 fatalities were reported in FFY 2018, increased over previous period (12) and resulted in some 7.3 deaths per 100,000 registered recreational vessels.

The Illinois Department of Natural Resources Office of Law Enforcement recorded 33,844 personal service hours worked on the Recreational Boating Safety Program, which accounted for 15% of total work hours. This was a (-26 %) decrease from the total hours worked on the program in FFY 2018. The Office of law Enforcement's estimated on the water hours of 18,405 showed a (-19 %) decrease in hours worked on-the-water over the preceding period.

Boating enforcement activity by the Illinois Conservation Police saw a decrease in the total number of citations and written warnings issued FFY 2018 from the previous year. Citations decreased from 1,355 to 1,045 (-23%) and written warnings decreased from 4,886 to 3,753 (-23%). Operating under the influence arrest decreased from 148 to 124 (-23%). Personal floatation device and operating under the influence remained the top boating violations cited by officers.

Headcount for the Office of law Enforcement in FFY18 totaled 103 officers, an approximate (-9.6%) drop from the previous reporting period. The officer reduction reflects in the enforcement results.

The total number of registered boats continues to decline from 248,696 last year to 245,621 this year.

Boating accident reports indicate the majority of accidents occur between June, July and August, on Saturday or Sunday, between 12 p.m. and 6 p.m. Conditions are usually clear with good visibility, light winds, and calm water. Most accidents involve operators between the ages of twenty and forty who have over one hundred hours of boating experience but have little or no classroom boating safety instruction. They also involve open motorboats cruising in a careless/reckless manner culminating in a collision with another boat.

18 people died in 17 Illinois boating accidents.

8 fatalities occurred during the week and 10 on the weekend

17 fatalities with clear conditions and 10 with calm waters

The winds were light to moderate (16) with good visibility (15)

In the majority of fatalities, the operators had no formal boat safety education (16).

4 out of 18 fatalities involved alcohol/drug impairment

Once again, the factor that would have saved lives this past season would have been for people to wear their Personal Floatation Devices (PFD). Of 18 fatalities, 16 may have survived if they had worn their PFDs.

The State of Illinois does not require a Coast Guard-approved PFD to be worn. However, persons under the age of 13, and operators/passengers on personal watercraft or specialty prop-craft, are required to wear a Coast Guard-approved PFD.

The most proactive action a boater can do to ensure his/her safety on the water is wearing a Coast Guard-approved PFD of the appropriate size and in serviceable condition.

BOAT ACCIDENTS & ENFORCEMENT AT A GLANCE

1964 – Present

Year	Total Number of Accidents	Total Number of Injuries	Total Number of Fatalities	Total Number of Vessels	Total Number of Registered Boats	Total Number of Fatalities by Drowning	Conservation Police Operating Under The Influence (OUI) Arrests	Total Number of Boating Citations	Total Number of Boating Written Warnings	Total Hours Worked on the Recreational Boat Safety Program (RBS)
1964	115	72	33	167	0	NA	0	0	0	0
1965	116	48	52	161	0	NA	0	0	0	0
1966	127	112	49	184	0	13	0	0	0	0
1967	113	73	44	146	0	NA	0	0	0	0
1968	122	80	56	162	0	54	0	0	0	0
1969	101	54	42	136	0	37	0	0	0	0
1970	98	58	38	133	0	31	0	0	0	0
1971	88	73	29	119	0	29	0	0	0	0
1972	94	43	39	129	0	37	0	0	0	0
1973	130	58	64	175	0	59	0	0	0	0
1974	115	62	56	152	0	52	0	0	0	0
1975	126	87	43	178	0	34	0	0	0	0
1976*	124	30	20	174	0	NA	0	0	0	0
1977*	111	18	27	159	0	NA	0	0	0	0
1978*	113	54	36	118	0	NA	0	0	0	0
1979*	NA	NA	NA	NA	0	NA	0	0	0	0
1980*	95	72	30	95	0	NA	0	0	0	0
1981*	97	NA	NA	97	0	NA	0	0	0	0
1982	109	71	28	139	0	NA	0	0	0	0
1983	97	51	17	139	0	NA	0	0	0	0
1984	118	62	39	138	0	NA	0	0	0	0
1985	105	47	30	123	0	25	0	0	0	0
1986	94	58	11	114	0	11	0	0	0	0
1987	70	63	13	82	0	12	0	0	0	0
1988	103	89	16	120	0	11	0	0	0	0
1989	97	70	14	129	0	9	0	0	0	0
1990	146	107	26	187	350,000	22	0	0	0	0
1991	179	125	31	224	362,000	23	0	0	0	0
1992	147	124	28	200	365,000	20	0	0	0	0
1993	134	94	32	163	371,000	29	57	0	0	0

BOAT ACCIDENTS & ENFORCEMENT AT A GLANCE

1964 – Present

Year	Total Number of Accidents	Total Number of Injuries	Total Number of Fatalities	Total Number of Vessels	Total Number of Registered Boats	Total Number of Fatalities by Drowning	Conservation Police Operating Under The Influence (OUI) Arrests	Total Number of Boating Citations	Total Number of Boating Written Warnings	Total Hours Worked on the Recreational Boat Safety Program (RBS)
1994	157	131	17	211	381,864	15	67	0	0	0
1995	178	88	16	228	386,500	13	111	0	0	0
1996	155	90	27	214	390,000	23	93	0	0	0
1997	145	81	14	223	397,000	10	123	0	0	14,328
1998	176	107	19	249	395,500	12	75	0	0	16,048
1999	159	75	13	238	394,108	10	95	0	0	13,822
2000	155	76	14	231	370,568	11	100	0	0	11,869
2001	112	75	8	171	368,047	7	180	2,263	0	13,185
2002	135	92	23	188	364,075	13	199	1,630	0	13,369
2003	84	63	13	122	360,252	7	125	NA	0	10,827
2004	78	45	18	103	356,305	15	127	1,509	1,647	13,858
2005	115	100	16	152	342,745	12	185	1,403	NA	15,046
2006	79	66	18	119	343,591	13	229	1,882	3,307	15,866
2007	107	57	13	146	339,288	11	144	1,451	3,239	30,332
2008	120	78	13	174	336,025	10	185	1,603	3,695	39,998
2009	102	71	25	137	329,032	15	179	1,960	5,576	21,403
2010	105	76	16	145	323,191	13	155	1,853	5,438	13,363
2011	103	70	21	136	319,559	15	121	1,520	4,581	27,346
2012	101	69	19	135	312,664	15	123	1,230	3,972	50,664
2013	65	50	14	90	271,116	12	115	1,235	4,525	40,734
2014	77	54	20	98	252,094	16	159	1,504	5,127	38,275
2015	74	49	14	96	233,062	14	155	1,415	4,518	42,379
2016	73	36	11	103	248,948	10	147	1,721	5,258	42,160
2017	80	48	12	123	248,696	12	145	1,355	4,886	45,725
2018	68	34	18	91	245,621	17	132	1,045	3,753	33,844
Total	6,087	3,736	1,355	8,166	9,757,851	829	3,526	26,579	59,522	564,441

BOATING SAFETY EDUCATION

General Information

No person under 10 years of age may operate a motorboat. Age 10 years and less than 12 years of age may only operate under a parent or guardian's direct control.

Who Must Take The Course?

No person born on or after January 1, 1998, unless exempted by subsection (i), shall operate a motorboat with over 10 horse power unless that person has a valid Boating Safety Certificate issued by the Department of Natural Resources or an entity or organization recognized and approved by the Department.

Persons at least 12 years of age and less than 18 years of age may only operate a motorboat if:

They have in possession a valid Boating Education Certificate of Competency issued by the Illinois Department of Natural Resources, Safety Education Division, or They are accompanied on the motorboat and under direct control of a parent or guardian, or a person at least 18 years of age designated by a parent or guardian.

Throughout the year, many people operate motor-driven watercraft on the Illinois waters and many operate for the first time. So, we encourage individuals - both novice and experienced - to take the course. Each of us has the responsibility to keep this lifetime leisure activity free from tragedy and personal loss to ourselves and our fellow boaters. The Illinois Boating Education Course is offered with these objectives in mind.

The Illinois Boating Education Course consists of a minimum eight hours of instruction. These courses cover the basics of boating safety, equipment and requirements, navigation, motorboat, registration and titling, emergency measures and the Illinois boating laws.

The program is primarily designed to train young people over the age of 12 years old. The educational material is based on a sixth-grade reading level. Students under the age of 11 may not participate in the exam to receive certification. Students 11 years old will receive their certificate upon their 12th birthday.

Persons 12 and over completing the minimum eight hours of instruction and successfully completing the final examination will receive a State of Illinois Certificate of Competency.

Two Ways To Take The Course

Instructor-led Classes-The traditional class method is through an 8 hour instructor-led class structure. Classes may be taught in one day or over a couple of different days, usually on the weekend. The class will end with an exam to pass the class. Interested individuals may call 1-800-832-2599 or check the [List of Education Courses by County](#).

Online Self-Study Course-Students may study the course material at their own pace, completing chapter reviews along the way. At the end of the course material the student will be required to pass an exam. Student certification will be mailed by the course provider.

Two Providers for On-line Boating Safety Course and Certification:

www.Boat-Ed.com

www.BoaterExam.com

BOATING SAFETY EDUCATION

	Traditional Classroom Course		Internet Courses		Total Number of People Issued Boat Safety Cards	
<u>Year</u>	<u>Total Classes</u>	<u># Students Certified</u>	<u>Total Students</u>	<u>Exams Issued</u>	<u># Students Certified</u>	
2005*	95	2,390	2,428	890	732	3,122
2006	74	1,449	1,517	1,693	1,405	2,854
2007	70	1,215	1,235	1,687	1,358	2,573
2008	47	857	870	1,699	1,362	2,219
2009	49	874	888	2,208	2,037	2,911
2010*	40	902	922	2,410	2,410	3,312
2011	40	693	712	2,261	2,261	2,954
2012	41	712	712	2,016	2,016	2,728
2013	35	548	550	2,731	2,731	3,279
2014	33	539	524	2,566	2,566	3,105
2015	30	460	470	2,971	2,971	3,431
2016	34	561	561	3,275	3,275	3,836
2017	27	375	375	3,073	3,073	3,448
2018	27	469	475	3,475	3,475	3,944
Totals	642	12,044	12,239	32,955	31,672	43,716

* In May 2005 Boat-Ed started

* In June 2010 BoaterExam.com started



REGISTERED RECREATIONAL BOATS

Illinois requires every watercraft, except non-powered watercraft on waters within the jurisdiction of this State to be numbered. No person may operate, or give permission for the operation of, any watercraft on such waters unless the watercraft is numbered in accordance with the Boat Registration & Safety Act, or in accordance with applicable Federal law, or in accordance with a Federally-approved numbering system of another State, and (1) the certificate of number awarded to such watercraft is in full force and effect, and (2) the identifying number set forth in the certificate of number is displayed on each side of the bow of such watercraft.

The owner of each watercraft requiring numbering by this State shall file an application for number with the Department of Natural Resources on forms approved by it. The application shall be signed by the owner of the watercraft and shall be accompanied by a fee as follows:

Transaction Fees

New and Transfer Renewal

Class 1 - All powered Watercraft less than 16 ft. except non-powered - **\$28.00**

Class 2 - 16 ft. to less than 26 ft. - **\$60.00**

Class 3 - 26 ft. to less than 40 ft. - **\$160.00**

Class 4 - 40 ft. and over - **\$210.00**

Renewal

Class 1 - All powered Watercraft less than 16 ft. except non-powered - **\$18.00**

Class 2 - 16 ft. to less than 26 ft. - **\$50.00**

Class 3 - 26 ft. to less than 40 ft. - **\$150.00**

Class 4 - 40 ft. and over - **\$200.00**

Corrected Title, Corrected Registration, Duplicate Title, Duplicate Decals, Duplicate Registration

\$7.00 for each transaction.

Title Search

\$7.00 for each Title Search.

Dealer or Manufacturer Title

\$10.00 for each transaction.

USCG Registration Fees or Renewal Fees

Class 2 - 16 ft. to less than 26 ft. - **\$50.00**

Class 3 - 26 ft. to less than 40 ft. - **\$150.00**

Class 4 - 40 ft. and over - **\$200.00**

2018 CALENDAR YEAR

REPORT OF CERTIFICATES OF NUMBER ISSUED TO RECREATIONAL BOATS ONLY*

Under 16 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	20	399	5	0	3	427
Fiberglass	3,513	5,744	270	1	29	9,557
Metal	132	30,514	59	0	5	30,710
Inflatable	16	1,093	3	0	1	1,112
Other	100	1,930	24	0	4	2,058
Total	3,781	39,680	361	1	41	43,864
16 to 26 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	217	607	57	0	3	884
Fiberglass	12,570	24,975	22,886	47	388	60,866
Metal	660	87,066	736	0	17	88,479
Inflatable	16	76	14	0	0	106
Other	46	376	57	0	2	481
Total	13,509	113,100	23,750	47	410	150,816
26 to 40 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	23	12	11	9	1	55
Fiberglass	2,777	442	4,391	934	86	8,630
Metal	116	1,289	159	4	0	1,568
Inflatable	0	2	2	0	0	4
Other	6	7	11	1	1	25
Total	2,922	1,752	4,574	948	86	10,282
40 to 65 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	14	1	0	3	0	17
Fiberglass	769	16	115	139	2	1,041
Metal	65	51	72	2	0	190
Inflatable	0	0	0	0	0	0
Other	2	1	0	0	0	3
Total	850	68	187	144	2	1,251
Over 65 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	1	0	0	0	0	1
Fiberglass	14	0	1	0	0	15
Metal	20	2	21	2	0	45
Inflatable	0	0	0	0	0	0
Other	0	0	0	1	0	1
Total	35	2	22	3	0	62

2018 CALENDAR YEAR

REPORT OF CERTIFICATES OF NUMBER ISSUED TO RECREATIONAL BOATS ONLY*

Total						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	275	1,019	73	12	7	1,386
Fiberglass	19,643	31,177	27,663	1,121	505	78,988
Metal	993	118,922	1,047	8	22	120,992
Inflatable	32	1,171	19	0	1	1,223
Other	154	2,314	92	2	7	2,569
Total	21,097	154,603	28,894	22	542	205,158
Other Boats						
Hull Material	Not Mechanically Propelled			Personal Watercraft	Other Boats	Total
	Rowboats	Sailboats	Canoes/ Kayaks			
Wood	61	107	44	26	28	266
Fiberglass	1,788	2,569	592	20,522	1,570	27,041
Metal	5,218	31	817	72	1,305	7,808
Inflatable	86	11	30	36	205	368
Other	859	205	1,542	439	1,179	4,224
Total	8,012	2,923	3,025	21,095	4,287	39,707
	13,960					
Total Number of Registered Boats					245,621	

BOATING ENFORCEMENT

Top Boating Violations

Top Citations	
Type of Boating Violations	Citations
Wearable PFD (Type I, II, Or III Required)	160
Under The Influence Of Alcohol	131
PFD Age Requirement. Less Than 13 Years Old Must Wear PFD	125
Operating With BAC Over .08	95
Personal Flotation Devices	93
Operation Of Unnumbered Watercraft	68
Operation In No Wake Area	44
Operating W/Out Proper Lights Between Sunset/Sunrise	40
Fire Extinguisher	30
Type IV PFD On Board (16 Feet And Over)	30
Careless Operation	22
Failure To Transfer Certificate Of Number	20
License Required-Passenger For Hire/Boat Rental	20
Competent Observer, Vessel Capacity-3 Person	18
Failure To Display Valid Registration Decal	15
Restricted Area, No Wake W/In 150 Feet Of Public Ramp	15
Passenger Location	15
Total Number of Citations Issued	1045

Top Written Warnings	
Type of Boating Violations	Written Warnings
Battery Covers	729
Personal Flotation Devices	557
Fire Extinguisher	425
Operation Of Unnumbered Watercraft	370
Operation Of Motorboat Without Horn Or Whistle	315
Lanyard Cut-Off Switch	201
Operation In No Wake Area	176
Type IV PFD On Board (16 Feet And Over)	164
Visual Distress Signals	102
Passenger Location	109
Operating W/Out Proper Lights Between Sunset/Sunrise	118
Failure To Display, Improper Display Of Registration Number	87
Displaying Orange Flag While Towing Person	64
Restricted Area, No Wake W/In 150 Feet Of Public Ramp	48
Overloading Motorboat	35
Total Number of Written Warnings Issued	3753

Boat Citations

Chapter / Act / Section	# Issued	Violation
625 45 2-4A	2	Resistance To Officers
625 45 2-4B	0	Failure To Obey Direction Of Police Officer
625 45 3-1	68	Operation Of Unnumbered Watercraft
625 45 3-1.5	1	No Water Usage Stamp (Non-Powered Watercraft)
625 45 3-3	12	Failure To Display, Improper Display Of Registration Number
625 45 3-4	0	Failure To Notify Dept Of Destruction/Sale/Transfer
625 45 3-5	20	Failure To Transfer Certificate Of Number
625 45 3-7	0	Loss Of Certificate Of Number/Registration Decal
625 45 3-9	15	Failure To Display Valid Registration Decal
625 45 3-11	0	Falsify/Alter Certificate Of Number Or Water Usage Stamp
625 45 3-13	0	Failure To Attach HIN To Watercraft
625 45 3A-12	0	Failure To Transfer Title
625 45 3A-14	0	Failure To Transfer Title-Dealer
625 45 3A-15	0	Failure To Make Application Of Title
625 45 3A-17	0	Failure To Transfer Title-Individual
625 45 3A-20A	0	Operating W/O Certificate Of Title
625 45 3A-20B	2	Sell/Transfer W/O Certificate
625 45 3A-20C	0	Failure to Surrender Title
625 45 3A-21F	0	Possess, Buy, Receive, Sell Boat W/Out HIN
625 45 3C-1A	0	Abandoning A Watercraft
625 45 4-1	93	Personal Flotation Devices
625 45 4-1A	160	Wearable PFD (Type I, II, Or III Required)
625 45 4-1B	7	Personal Watercraft – PFD Must Be Worn
625 45 4-1C	30	Type IV PFD On Board (16 Feet And Over)
625 45 4-1D	1	Type V PFD Approved For Activity Used
625 45 4-1E	0	No PFD on boat for Peron being Towed
625 45 4-1F1	2	PFDs Accessible
625 45 4-1F2	2	PFDs Serviceable Condition
625 45 4-1F3	2	PFDs Appropriate Size
625 45 4-1F4	0	PFDs Legibly Marked With USCG Number
625 45 4-1I	125	PFD Age Requirement. Less Than 13 Years Old Must Wear PFD
625 45 4-2	40	Operating W/Out Proper Lights Between Sunset/Sunrise
625 45 4-3A	0	Failure To Equip Boat W/Muffler System
625 45 4-3B	0	Mufflers-Exceeding Noise Level
625 45 4-4	0	Operation Of Motorboat Without Horn Or Whistle
625 45 4-5	30	Fire Extinguisher
625 45 4-6	1	Carburetor Arrestor
625 45 4-9	0	Sealing Of Marine Heads
625 45 4-10	12	Battery Covers
625 45 4-11	9	Lanyard Cut-Off Switch
625 45 4-12	5	Visual Distress Signals
625 45 5-1	22	Careless Operation
625 45 5-2A	1	Reckless Operation/Aggravated Reckless Operation
625 45 5-2B	0	Reckless Operation with Great Bodily Harm
625 45 5-3	1	Interference With Navigation

Chapter / Act / Section	# Issued	Violation
625 45 5-4A	7	Overloading Motorboat
625 45 5-4B	1	Capacity Plate
625 45 5-5	0	Incapacity Of Operator
625 45 5-6	0	Overpowering
625 45 5-7	15	Restricted Area, No Wake W/In 150 Feet Of Public Ramp
625 45 5-12	44	Operation In No Wake Area
625 45 5-13A	0	Passing
625 45 5-13B	0	Crossing
625 45 5-13C	1	Overtaking
625 45 5-13D	0	Right Of Way Violation
625 45 5-14	2	Towing of Persons
625 45 5-14A	18	Competent Observer, Vessel Capacity – 3 Persons
625 45 5-14B	0	Half Hour Before to Half Hour after Towing Water Skier
625 45 5-14E	6	Displaying Orange Flag While Towing Person
625 45 5-16A 1	0	Operating Under The Influence Alcohol/Drugs
625 45 5-16A 1 a	95	Operating With BAC Over .08
625 45 5-16A 1 b	131	Under The Influence Of Alcohol
625 45 5-16 A 1 c	0	Under The Influence Of Drugs
625 45 5-16 A 1 d	0	Under Combined Influence Of Alcohol/Drugs
625 45 5-16A 1 e	1	Any Amount Of Drug In Persons Blood Or Urine
625 45 5-16 E	0	Owner Permitting OUI Operation
625 45 5-18	9	Youthful Operators
625 45 5-19	0	Skin Diving 150ft Shoreline/Diver's Flag
625 45 5-20	13	Operation Of PWC Between The Hours Of Sunset/Sunrise
625 45 5-21	15	Passenger Location
625 45 5-22B	0	Failure To Yield To Emergency Watercraft Upon Approach
625 45 5-22C	0	Failure To Yield To Emergency Watercraft When Stationary
625 45 6-1	0	Failure To Render Aid After Accident/Provide Information
625 45 6-1A	3	Failure to Render Assistance in Accident
625 45 6-1 A 1	2	Failure To Report Accident Within 1 Hour
625 45 7-1	20	License Required-Passenger For Hire/Boat Rental
625 45 7-7	1	License/Tag/Weight Fail To Display/Rental Boat
625 45 7-8	0	Livery-Failure Of Owner To Provide Safety Equip
625 45 7-9	0	Registration/Per Article III
625 45 11A-1	0	Catch-all for violations of boat code & authority for ad rules.
TOTAL VIOLATIONS	1045	

Boat Written Warnings

Chapter / Act / Section	# Issued	Violation
625 45 2-4A	0	Resistance To Officers
625 45 2-4B	0	Failure To Obey Direction Of Police Officer
625 45 3-1	370	Operation Of Unnumbered Watercraft
625 45 3-1.5	32	No Water Usage Stamp (Non-Powered Watercraft)
625 45 3-3	87	Failure To Display, Improper Display Of Registration Number
625 45 3-4	1	Failure To Notify Dept Of Destruction/Sale/Transfer
625 45 3-5	26	Failure To Transfer Certificate Of Number
625 45 3-7	0	Loss Of Certificate Of Number/Registration Decal
625 45 3-7.5	0	Failure To Replace Lost/Destroyed Water Usage Stamp
625 45 3-9	23	Failure To Display Valid Registration Decal
625 45 3-11	5	Falsify/Alter Certificate Of Number Or Water Usage Stamp
625 45 3-13	0	Failure To Attach HIN To Watercraft
625 45 3A-12	2	Failure To Transfer Title
625 45 3A-14	0	Failure To Transfer Title-Dealer
625 45 3A-15	0	Failure To Make Application Of Title
625 45 3A-17	0	Failure To Transfer Title-Individual
625 45 3A-20A	1	Operating W/O Certificate Of Title
625 45 3A-20B	1	Sell/Transfer W/O Certificate
625 45 3A-20C	0	Failure to Surrender Title
625 45 3A-21A	1	Alter, Forge or Counterfeit Manufacturer's or Importer's Certificate
625 45 3A-21D	0	Use False Name or Address, Conceal Facts in Application for Title
625 45 3A-21F	0	Possess, Buy, Receive, Sell Boat W/Out HIN
625 45 3A-21G	0	Destroy, Remove, Cover, Alter Or Deface HIN
625 45 3A-21H	0	Possess, Buy, Sell, Exchange, the title to Watercraft which is junk or salvage
625 45 3C-1A	0	Abandoning A Watercraft
625 45 4-1	557	Personal Floatation Devices
625 45 4-1A	19	Wearable PFD (Type I, II, Or III Required)
625 45 4-1B	3	Personal Watercraft – PFD Must Be Worn
625 45 4-1C	164	Type IV PFD On Board (16 Feet And Over)
625 45 4-1D	1	Type V PFD Approved For Activity Used
625 45 4-1E	2	Water skier, aquaplanes, etc
625 45 4-1F1	2	PFDs Accessible
625 45 4-1F2	0	PFDs Serviceable Condition
625 45 4-1F3	0	PFDs Appropriate Size
625 45 4-1F4	0	PFDs Legibly Marked With USCG Number
625 45 4-1I	34	PFD Age Requirement. Less Than 13 Years Old Must Wear PFD
625 45 4-2	118	Operating W/Out Proper Lights Between Sunset/Sunrise
625 45 4-3A	1	Failure To Equip Boat W/Muffler System
625 45 4-3B	0	Mufflers-Exceeding Noise Level
625 45 4-4	315	Operation Of Motorboat Without Horn Or Whistle
625 45 4-5	425	Fire Extinguisher
625 45 4-6	0	Carburetor Arrestor
625 45 4-7	3	Ventilators
625 45 4-8	1	Sirens and flashing lights-Unlawful use
625 45 4-10	729	Battery Covers

Chapter / Act / Section	# Issued	Violation
625 45 4-11	201	Lanyard Cut-Off Switch
625 45 4-12	102	Visual Distress Signals
625 45 5-1	12	Careless Operation
625 45 5-2	0	Reckless Operation/Aggravated Reckless Operation
625 45 5-2A	0	Reckless Operation of Watercraft
625 45 5-3	3	Interference With Navigation
625 45 5-4A	35	Overloading Motorboat
625 45 5-4B	1	Capacity Plate
625 45 5-5	0	Incapacity Of Operator
625 45 5-6	1	Overpowering
625 45 5-7	48	Restricted Area, No Wake W/In 150 Feet Of Public Ramp
625 45 5-12	176	Operation In No Wake Area
625 45 5-13A	1	Passing
625 45 5-13B	0	Crossing
625 45 5-13C	2	Overtaking
625 45 5-13D	0	Sailboats and Rowboats
625 45 5-14	13	Waterskiing
625 45 5-14A	7	Competent Observer, Vessel Capacity-3 Persons
625 45 5-14B	0	Hours For Skiing
625 45 5-14E	64	Displaying Orange Flag While Towing Person
625 45 5-16A	0	Operating Under the Influence
625 45 5-16A 1	0	Operating Under The Influence Alcohol/Drugs
625 45 5-16A 1 a	0	Operating With BAC Over .08
625 45 5-16A 1 b	0	Under The Influence Of Alcohol
625 45 5-16 A 1 c	0	Under The Influence Of Drugs
625 45 5-16 A 1 d	0	Under Combined Influence Of Alcohol/Drugs
625 45 5-16A 1 e	0	Any Amount Of Drug In Persons Blood Or Urine
625 45 5-16 E	0	Owner Permitting OUI Operation
625 45 5-18	21	Youthful Operators
625 45 5-19	0	Skin Diving 150ft Shoreline/Diver's Flag
625 45 5-20	18	Operation Of PWC Between The Hours Of Sunset/Sunrise
625 45 5-21	109	Passenger Location
625 45 5-22B	3	Failure To Yield To Emergency Watercraft Upon Approach
625 45 5-22C	0	Failure To Yield To Emergency Watercraft When Stationary
625 45 6-1	0	Failure To Render Aid After Accident/Provide Information
625 45 6-1 A 1	2	Failure To Report Accident Within 1 Hour
625 45 7-1	3	License Required-Passenger For Hire/Boat Rental
625 45 7-7	4	License/Tag/Weight Fail To Display/Rental Boat
625 45 7-8	3	Livery-Failure Of Owner To Provide Safety Equip
625 45 7-9	1	Registration/Per Article III
TOTAL VIOLATIONS	3753	

Boat Registration Inspections

Year	Type of Boat Inspections	Region I	Region II	Region III	Region IV	Region V	Total
2011	Boat Registration Inspections	159	258	63	95	49	624
	Junk Boat Reports	2	0	1	0	0	3
	Total	161	258	64	95	49	627
2012	Boat Registration Inspections	133	176	101	89	67	566
	Junk Boat Reports	0	0	0	0	0	0
	Total	133	176	101	89	67	566
2013	Boat Registration Inspections	56	88	34	35	15	228
	Junk Boat Reports	0	0	0	0	0	0
	Total	56	88	34	35	15	228
2014	Boat Registration Inspections	56	95	36	50	27	264
	Junk Boat Reports	0	1	0	0	0	1
	Total	56	96	36	50	27	265
2015	Boat Registration Inspections	51	170	10	56	19	306
	Junk Boat Reports	0	1	0	0	0	1
	Total	51	171	10	56	19	307
2016	Boat Registration Inspections	41	78	10	45	15	189
	Junk Boat Reports	0	0	0	0	0	0
	Total	41	78	10	45	15	189
2017	Boat Registration Inspections	24	88	9	27	23	171
	Junk Boat Reports	0	0	0	0	1	1
	Total	24	88	9	27	24	172
2018	Boat Registration Inspections	26	79	8	23	10	146
	Junk Boat Reports	0	0	0	0	0	0
	Total	26	79	8	23	10	146
Total	Boat Registration Inspections	522	944	262	393	202	2323
	Junk Boat Reports	2	2	1	0	1	6
	Total	524	946	263	393	203	2329

Boat Registration Inspections are conducted when the owner attempts to register a vessel and the title, registration, or hull identification number is missing or in question. Officers will physically inspect the vessel to confirm information and conduct investigations into the transfer of titles. The officer will then complete an inspection either approving or denying the title/registration of the vessel. This is the third full year the program has been implemented and the Boat Registration Division has already seen a drastic reduction in fraudulent applications. Several vessels have also been identified as stolen and recovered that would have been registered without the program in place.

Junk Boat Reports are conducted when the vessel is going to be destroyed.

Boating Patrol Log Report

Year	Boat Inspections	Vessels Assisted	# of Persons Assisted	Citations	Written Warnings	Recreational Boat Safety Hours
2008	12,505	395	746	1,603	3,695	39,998
2009	17,672	330	889	1,960	5,576	21,403
2010	16,080	335	1,400	1,853	5,438	13,363
2011	21,929	987	6,068	1,520	4,581	27,346
2012	20,015	543	1,688	1,230	3,972	50,664
2013	17,512	418	714	1,235	4,525	40,734
2014	15,070	302	549	1,504	5,127	38,275
2015	15,280	375	550	1,415	4,518	42,379
2016	16,937	386	506	1,721	5,258	42,160
2017	15,710	372	529	1,355	4,886	45,725
2018	11,921	220	351	1,045	3,753	33,844
Total	180,631	4663	13,990	16,441	51,329	395,891

Operating Under the Influence (OUI) Arrests

Year	Region I	Region II	Region III	Region IV	Region V	Other Agency	Total	CPO Total
2004	39	31	19	21	17	62	189	127
2005	49	34	17	54	31	93	278	185
2006	58	76	23	41	31	73	302	229
2007	36	34	23	30	21	46	190	144
2008	48	32	29	22	23	31	185	154
2009	58	42	18	30	31	36	215	179
2010	40	38	30	24	23	49	204	155
2011	30	17	31	22	21	55	176	121
2012	25	26	22	22	28	86	209	123
2013	29	21	21	7	37	67	182	115
2014	34	47	25	27	26	56	215	159
2015	39	45	35	18	18	11	166	155
2016	29	54	16	20	28	28	175	147
2017	52	63	53	18	56	21	263	242
2018	49	28	24	4	27	NA	132	132
Total	615	588	386	360	418	714	3081	2367

Boating Accidents and Alcohol Use

Year	OUI Arrests	Injuries			Fatalities			Vessels		
	Total Number of OUI Arrests	Primary Cause Alcohol Use	Total Number of Injuries	Percentage Involving Alcohol use	Primary Cause Alcohol Use	Total Number of Fatalities	Percentage involving Alcohol Use	Primary Cause Alcohol Use	Total Number of Vessels	Percentage Involving Alcohol Use
2000	174	7	76	9.21%	1	14	7.14%	7	231	3.03%
2001	241	10	75	13.33%	2	23	8.70%	11	171	6.43%
2002	275	5	92	5.43%	3	8	37.50%	8	188	4.26%
2003	188	9	63	14.29%	5	13	38.46%	12	122	9.84%
2004	189	2	45	4.44%	5	18	27.78%	7	103	6.80%
2005	278	8	100	8.00%	2	16	12.50%	12	152	7.89%
2006	302	11	66	16.67%	5	18	27.78%	13	119	10.92%
2007	190	3	57	5.26%	1	13	7.69%	7	146	4.79%
2008	185	1	78	1.28%	1	13	7.69%	4	174	2.30%
2009	215	9	71	12.68%	2	25	8.00%	12	137	8.76%
2010	204	10	76	13.16%	6	16	37.50%	16	145	11.03%
2011	176	13	70	18.57%	8	21	38.10%	17	136	12.50%
2012	209	0	69	0.00%	10	19	52.63%	0	135	0.00%
2013	182	3	50	6.00%	3	14	21.43%	8	90	8.89%
2014	215	10	54	18.52%	6	20	30.00%	15	98	15.31%
2015	166	1	49	2.04%	6	14	42.86%	10	96	10.42%
2016	175	3	36	8.33%	3	11	27.27%	11	103	10.68%
2017	263	2	48	4.17%	3	12	25.00%	7	123	5.69%
2018	132	1	34	2.94%	4	18	22.22%	9	91	9.89%
Total	3827	108	1209	8.93%	76	306	24.84%	186	2560	7.27%

Boat Accident Report

Statistical information contained in this report is based on the Federal Fiscal Year 2018 (FFY18) (10/01/2017 – 09/30/2018), excluding the registered boats, which is based on calendar year 2018

Total Number of Accidents	Total Number of Injuries	Total Number of Fatalities	Total Number of Vessels	Total Number of Registered Boats
68	34	18	91	245,621
Number of Accidents per 100,000 Registered Boats		Number of Injuries per 100,000 Registered Boats		Number of Fatalities per 100,000 Registered Boats
27.7		13.8		7.3

Fatalities--Cause of Death

Fatalities -- Life Jacket Use

Boating Fatalities			Boating Fatalities		
Cause of Death	Number of Fatalities	Percent of Fatalities	Status	Number of Fatalities	Percent of Fatalities
Drowning	17	94.40%	Life Jacket Worn	2	11.10%
Hypothermia	1	5.60%	Life Jacket Not Worn	16	88.90%
Totals	18	100%	Totals	18	100%

Fatalities -- Cause of Death and Life Jacket Use

Fatalities -- Victim Activity

Cause of Death	Life Jacket Use Status			Boating Fatalities		
	Worn	Not Worn	Unknown	Victim Activity	Number of Fatalities	Percent of Fatalities
Drowning	2	15	0	Fishing	7	38.90%
Hypothermia	0	1	0	Kayaking	1	5.60%
Totals	2	16	0	Recreational Cruising	5	27.80%
				Rescue	1	5.60%
				Starting Engine	1	5.60%
				Swimming	2	11.10%
				Unknown	1	5.60%
				Totals	18	100%

Fatalities -- Vessel Type

Fatalities -- Vessel Type and Life Jacket Use

Boating Fatalities			Life Jacket Use Status			
Vessel Type	Number of Fatalities	Percent of Fatalities	Vessel Type	Worn	Not Worn	Unknown
Cabin Motorboat	3	16.70%	Cabin Motorboat	0	3	0
Canoe	1	5.60%	Canoe	1	0	0
Kayak	3	16.70%	Kayak	0	3	0
Open Motorboat	6	33.30%	Open Motorboat	0	6	0
Personal Watercraft	2	11.10%	Personal Watercraft	1	1	0
Pontoon Boat	2	11.10%	Pontoon Boat	0	2	0
Rowboat	1	5.60%	Rowboat	0	1	0
Totals	18	100%	Totals	2	16	0

Injuries -- Injury Cause Primary and Life Jacket Use

Injuries -- Victim Activity

Injury Cause Primary	Life Jacket Use Status			Boating Injuries		
	Worn	Not Worn	Unknown	Victim Activity	Number of Injuries	Percent of Injuries
Explosion	0	1	0	Diving/Swimming	1	2.90%
Exposure To Elements	0	2	0	Fishing	2	5.90%
Impact With Boat	5	6	0	Fueling, Starting Engine	1	2.90%
Impact With Fixed / Floating Object	6	1	0	None	2	5.90%
Impact With Water	2	1	0	Recreational Cruising	26	76.50%
Struck By Boat	4	0	0	Repairs, Starting Engine,	2	5.90%
Struck By Propeller	0	3	0	Totals	34	00%
Unknown	2	1	0			
Totals	19	15	0			

Injuries -- Primary Type Of Injury

Injuries -- Injury Cause Primary

Primary Type Of Injury	Number Of Injuries	Percent of Injuries	Injury Cause Primary	Number Of Injuries	Percent of Injuries
Back Injury	1	2.90%	Explosion	1	2.90%
Broken Bones	6	17.60%	Exposure To Elements	2	5.90%
Burns	2	5.90%	Impact With Boat	11	32.40%
Contusion	6	17.60%	Impact With Fixed / Floating Object	7	20.60%
Head Injury	6	17.60%	Impact With Water	3	8.80%
Hypothermia	1	2.90%	Struck By Boat	4	11.80%
Internal Injuries	2	5.90%	Struck By Propeller	3	8.80%
Laceration	9	26.50%	Unknown	3	8.80%
Sprain/Strain	1	2.90%	Totals	34	100%
Totals	34	100%			

Accidents by Date of Accident & Monthly Totals (10/01/2017 – 09/30/2018)

<u>Date/Month</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
October				
10/10/2017	1	0	0	1
10/14/2017	1	0	1	1
10/20/2017	1	1	1	1
10/26/2017	1	0	0	1
10/27/2017	1	0	0	1
Subtotal	5	1	2	5
November				
Subtotal	0	0	0	0
December				
Subtotal	0	0	0	0
January				
Subtotal	0	0	0	0
February				
Subtotal	0	0	0	0
March				
Subtotal	0	0	0	0
April				
4/21/2018	1	0	1	1
4/28/2018	1	0	1	1
Subtotal	2	0	2	2
May				
5/1/2018	1	0	0	2
5/5/2018	2	0	0	2
5/16/2018	1	0	1	1
5/25/2018	1	1	0	2
5/26/2018	2	2	0	2
5/27/2018	1	2	0	2
5/28/2018	3	0	2	4
5/31/2018	1	0	1	1
Subtotal	12	5	4	16
June				
6/1/2018	2	1	0	3
6/3/2018	3	3	0	6
6/5/2018	1	0	0	2
6/6/2018	1	0	1	1
6/16/2018	1	0	0	1
6/18/2018	2	4	1	2
6/24/2018	1	0	0	1
6/25/2018	1	0	0	1
6/30/2018	4	2	1	5
Subtotal	16	10	3	22

<u>Date/Month</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
July				
7/1/2018	3	1	0	4
7/4/2018	2	1	0	4
7/7/2018	2	2	0	3
7/8/2018	2	1	1	2
7/10/2018	1	1	0	2
7/14/2018	2	0	0	2
7/21/2018	2	2	0	2
7/28/2018	1	0	1	1
Subtotal	15	8	2	20
August				
8/4/2018	1	0	0	2
8/10/2018	2	1	0	3
8/11/2018	2	1	2	2
8/18/2018	1	0	0	2
8/19/2018	1	2	0	2
8/25/2018	1	1	0	1
8/26/2018	1	1	0	1
8/27/2018	1	0	1	2
8/31/2018	1	0	0	2
Subtotal	11	6	3	17
September				
9/2/2018	2	1	2	2
9/4/2018	1	0	0	2
9/13/2018	1	0	0	1
9/15/2018	2	3	0	3
9/18/2018	1	0	0	1
Subtotal	7	4	2	9
Total	68	34	18	91

Accidents by Day of Week

<u>Day of Week</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Sunday	14	11	3	20
Monday	7	4	4	9
Tuesday	6	1	0	10
Wednesday	4	1	2	6
Thursday	3	0	1	3
Friday	8	4	1	12
Saturday	26	13	7	31
Total	68	34	18	91

Accidents by Time of Day

<u>Time</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
12:01 a.m. - 6:00 a.m.				
2:30AM	1	0	0	1
4:40AM	1	2	0	2
4:54AM	1	0	0	2
5:14AM	1	1	0	1
5:35AM	1	1	0	2
Subtotal	5	4	0	8
6:01 a.m. - 12:00 noon				
8:02AM	1	2	0	2
8:05AM	1	1	1	1
8:30AM	1	1	1	1
8:40AM	1	0	1	1
10:31AM	1	0	1	2
11:00AM	1	0	0	2
11:10AM	1	0	1	1
11:15AM	1	0	0	1
11:30AM	2	0	1	2
11:42AM	1	0	0	1
Subtotal	11	4	6	14
12:01 p.m. - 6:00 p.m.				
12:26PM	1	0	1	1
12:28PM	1	0	0	2
12:30PM	1	1	0	1
1:10PM	1	1	0	1
1:45PM	1	1	0	1
2:00PM	2	1	2	2
2:05PM	1	0	0	1
2:15PM	1	2	0	2
2:25PM	1	1	0	2
2:29PM	1	0	0	1
2:31PM	1	0	0	2
2:34PM	1	0	1	1
2:45PM	2	1	0	2
3:10PM	2	1	0	2
3:11PM	1	0	0	1
3:15PM	1	0	0	1
3:40PM	1	0	0	1
3:46PM	1	0	1	1
3:48PM	1	0	1	1
4:30PM	1	0	0	2
4:40PM	1	1	0	1
5:05PM	1	0	0	1
5:12PM	1	0	1	1
5:20PM	1	0	0	1

<u>Time</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
5:30PM	3	3	0	4
5:35PM	1	1	0	2
5:57PM	1	0	1	1
6:00PM	1	0	0	3
Subtotal	33	14	8	42
6:01 p.m. - 12:00 a.m.				
6:15PM	1	0	0	1
6:05PM	1	2	0	1
6:25PM	1	3	1	1
6:30PM	1	1	0	1
6:52PM	1	0	1	1
6:56PM	1	0	0	1
7:00PM	1	1	0	3
7:20PM	1	1	0	1
7:48PM	1	0	1	1
8:05PM	1	1	0	1
8:30PM	1	0	1	1
8:45PM	1	0	0	2
8:52PM	1	1	0	2
9:10PM	1	0	0	2
9:16PM	1	1	0	2
9:30PM	1	0	0	2
10:45AM	1	0	0	1
11:45PM	1	1	0	1
12:00 AM	1	0	0	2
Subtotal	19	12	4	27
Total	68	34	18	91

Accidents by Water Conditions

<u>Water</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Calm (Waves Less Than 6")	42	21	10	58
Choppy (Waves 6"- 2')	21	10	5	27
Rough (Waves 2'- 6')	5	3	3	6
Total	68	34	18	91

Accidents by Weather Conditions

<u>Weather</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Clear	59	31	17	77
Cloudy	8	3	1	13
Thunderstorm	1	0	0	1
Total	68	34	18	91

Accidents by Wind Conditions

<u>Wind</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Light (0-12 Mph)	35	24	9	45
Moderate (13-24 Mph)	28	10	7	39
Strong (25-54 Mph)	2	0	2	3
Stormy (Over 55 Mph)	0	0	0	0
Unknown	3	0	0	4
Total	68	34	18	91

Accidents by Visibility

<u>Visibility</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Fair	9	3	3	10
Good	57	29	15	77
Poor	2	2	0	4
Total	68	34	18	91

Accident Causes/Contributing Factors (Primary Cause/Factor)

<u>Primary Cause</u>	<u># Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Alcohol Use	1	4	9
Careless/Reckless Operation	6	1	11
Cold Water Immersion	0	1	1
Congested Waters	1	0	3
Dam/Lock	3	1	2
Departed Vessel Voluntarily	1	1	2
Did Not Contribute	0	1	12
Equipment Failure	0	0	1
Excessive Speed	2	0	3
Failure To Vent	1	1	2
Force Of Wake	1	0	3
Hazardous Waters	0	0	1
Hull Failure	1	1	3
Ignition of Spilled Fuel Vapors	2	0	1
Machinery Failure	0	0	3
Off-Throttle Steering	1	0	1
Operator Error	0	0	1
Operator Inattention	5	0	4
Operator Inexperience	1	0	2
Other-Dredge Pipe	0	0	1
Other –Fail to Tighten Water Plug	0	0	1
Other-Removal of Carburetor Arrestor	0	0	1
Other-Unknown due to Vague Report	0	1	1
Passenger/Skier Behavior	2	0	2
Restricted Vision	3	0	5
Rules Of Road Infraction	0	0	1
Skier Or Occupant Behavior	0	1	1
Standing/Sitting In Inappropriate Position	2	1	3
Swimming Ability	0	1	1
Unknown	1	3	7
Weather	0	1	3
Total	34	18	91

Accident Types (Primary Type)

<u>Type Of Accident</u>	<u># Injuries</u>	<u># Fatalities</u>	<u>#Vessels</u>
Capsizing	0	1	2
Collision With Another Vessel	11	0	30
Collision With Fixed Object	8	2	14
Collision With Floating Object	0	0	2
Falls Overboard	2	5	7
Fire Or Explosion (Fuel)	3	1	3
Fire Or Explosion (Other Than Fuel)	0	0	3
Flooding/Swamping	1	1	6
Occupant Impacts Vessel	2	0	3
Person Departed Vessel	1	5	5
Person Ejected From A Vessel	3	0	4
Sinking	1	1	1
Struck By Boat	1	1	2
Struck by Motor or Propeller	1	0	1
Struck Submerged Object	0	0	3
Unknown	0	1	4
Vessel Wake	0	0	1
Total	34	18	91

Accidents by Vessel Type

<u>Type Of Vessel</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Aux. Sail	0	0	1
Cabin Motorboat	4	3	17
Canoe	3	1	1
Houseboat	0	0	1
Kayak	0	3	4
Open Motorboat	8	6	29
Pontoon	4	2	14
PWC	15	2	17
Rowboat	0	1	1
Unknown	0	0	6
Total	34	18	91

Vessel Operation at Time of Accident

<u>Vessel Operation</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
At Anchor	2	1	5
At Anchor, Drifting, Changing Direction	1	0	1
Being Towed	0	1	1
Changing Direction	2	0	2
Changing Speed	0	0	1
Changing Speed, Cruising, Changing Direction	1	1	3
Changing Speed, Wake Or Surf Jumping	3	0	2
Cruising	14	3	33
Cruising, Drifting	0	0	1
Docking/Undocking	1	0	4
Drifting	3	5	10
Rowing/Paddling	3	3	4
Tied To Dock / Mooring	1	1	12
Towing Another Vessel	0	0	1
Wake Or Surf Jumping	2	0	2
Wake Or Surf Jumping, Changing Direction	0	0	1
Unknown	1	3	8
Total	34	18	91

Accidents by Vessel Length

<u>Vessel Length in Feet</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Unknown	3	2	11
Less Than 16 Feet			
8	1	0	1
9	4	0	4
10	4	2	6
11	2	1	2
12	1	2	3
14	1	3	4
Subtotal	13	8	20
16 Feet To < 26 Feet			
16	1	2	3
17	4	1	2
18	3	0	4
19	3	0	5
20	1	3	11
22	0	0	1
23	2	0	6
24	1	0	6
25	0	0	1
Subtotal	15	6	39
26 Feet To < 40 Feet			
26	0	1	2
27	0	0	1
28	1	1	3
31	0	0	1
32	0	0	1
33	2	0	1
35	0	0	4
37	0	0	1
38	0	0	1
Subtotal	3	2	15
40 Feet To < 65 Feet			
45	0	0	2
50	0	0	1
51	0	0	1
62	0	0	1
Subtotal	0	0	5
> 65 Feet			
133	0	0	1
Subtotal	0	0	1
Total	34	18	91

Operator Boating Safety Education

<u>Operator Education</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
State Course	1	1	7
U.S.C.G. Auxiliary	0	0	2
None	23	13	48
Unknown	10	4	34
Total	34	18	91

Operator's Overall Boating Experience (in Hours)

<u>Operator Experience</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Under 10 hours	16	4	17
10 - 100 hours	5	6	20
Over 100 hours	12	3	33
Unknown	1	5	21
Total	34	18	91

Accidents by Operator Age

<u>Operator Age</u>	<u>#Injuries</u>	<u>Fatalities</u>	<u>#Vessels</u>
Unknown	0	1	1
12	1	0	1
16	0	0	1
19	2	1	2
20	0	1	2
23	2	0	3
24	0	0	2
25	0	1	2
26	1	0	1
29	0	1	2
30	2	1	3
31	0	0	1
33	0	0	1
34	4	1	2
35	2	1	4
36	1	0	2
37	0	0	1
39	1	0	3
41	2	1	3
42	0	1	1
43	4	0	4
44	2	0	2
45	0	0	1
47	1	0	1
49	0	1	2
50	0	0	2
51	0	2	2
52	0	1	2
53	3	1	4
54	1	0	2
55	2	0	3
57	0	0	1
58	0	0	1
59	0	1	2
66	0	0	1
67	1	1	2
68	0	0	1
70	1	0	1
72	0	0	1
73	0	0	1
74	0	1	1
78	1	0	1
Total	34	18	91

ACCIDENT STATISTICS BY BODY OF WATER

Body Of Water	#Accidents	#Injuries	#Fatalities	#Vessels
Briarpatch Lake	1	0	1	1
Calumet River	1	0	0	1
Channel Lake	1	1	0	1
Chicago River	4	0	1	6
Des Plaines River	2	1	1	2
Dunlap Lake	1	0	0	2
Fox Lake	2	3	0	3
Fox River	1	1	0	2
Grass Lake	1	0	0	2
Illinois River	4	5	0	5
Independence Grove	1	0	1	1
Kaskaskia River	2	1	1	2
Kinkaid Lake	1	1	0	1
La Salle Lake	1	0	0	1
Lake Carroll	3	0	0	5
Lake Decatur	1	1	0	1
Lake Marie	1	1	0	2
Lake Michigan	15	5	4	21
Lake of Egypt	2	0	1	2
Lake Shelbyville	2	0	1	2
Lake Springfield	1	0	2	1
Mississippi River	2	0	1	2
Newton Lake	1	0	1	1
Nippersink Lake	2	3	0	5
Pistakee Lake	1	2	0	2
Rend Lake	5	2	0	7
Rock River	6	6	1	7
Sangamon River	1	0	1	1
Sangchris Lake	1	1	1	1
Wonder Lake	1	0	0	1
Totals	68	34	18	91

BODY OF WATER BROKEN DOWN BY COUNTY

Waterway		#Accidents	#Injuries	#Fatalities	#Vessels
Briarpatch Lake	Wayne County	1	0	1	1
	Subtotal	1	0	1	1
Calumet River	Cook County	1	0	0	1
	Subtotal	1	0	0	1
Channel Lake	Lake County	1	1	0	1
	Subtotal	1	1	0	1
Chicago River	Cook County	4	0	1	6
	Subtotal	4	0	1	6
Des Plaines River	Grundy County	2	1	1	2
	Subtotal	2	1	1	2
Dunlap Lake	Madison County	1	0	0	1
	Subtotal	1	0	0	2
Fox Lake	Lake County	2	3	0	3
	Subtotal	2	3	0	3
Fox River	McHenry County	1	1	0	2
	Subtotal	1	1	0	2
Grass Lake	Lake County	1	0	0	2
	Subtotal	1	0	0	2
Illinois River	Jersey County	2	2	0	2
	Marshall County	1	1	0	1
	Mason County	1	2	0	2
	Subtotal	4	5	0	5
Independence Grove	Lake County	1	0	1	1
	Subtotal	1	0	1	1
Kaskaskia River	Randolph County	1	1	0	1
	Shelby County	1	0	1	1
	Subtotal	2	1	1	2
Kinkaid Lake	Jackson County	1	1	0	1
	Subtotal	1	1	0	1
La Salle Lake	La Salle County	1	0	0	1

Subtotal	1	0	0	1
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Body of Water Broken Down By County

Waterway		#Accidents	#Injuries	#Fatalities	#Vessels
Lake Carroll	Carroll County	3	0	0	5
	Subtotal	3	0	0	5
Lake Decatur	Macon County	1	1	0	1
	Subtotal	1	1	0	1
Lake Egypt	Williamson County	2	0	1	2
	Subtotal	2	0	1	2
Lake Marie	Lake County	1	1	0	2
	Subtotal	1	1	0	2
Lake Michigan	Cook County	10	5	2	13
	Lake County	5	0	2	8
	Subtotal	15	5	4	21
Lake Shelbyville	Shelby County	2	0	1	2
	Subtotal	2	0	1	2
Lake Springfield	Sangamon County	1	0	2	1
	Subtotal	1	0	2	1
Mississippi River	Adams County	1	0	1	1
	Calhoun County	1	0	0	1
	Subtotal	2	0	1	2
Newton Lake	Jasper County	1	0	1	1
	Subtotal	1	0	1	1
Nippersink Lake	Lake County	2	3	0	5
	Subtotal	2	3	0	5
Pistakee Lake	Lake County	1	2	0	2
	Subtotal	1	2	0	2
Rend Lake	Franklin County	3	2	0	5
	Jefferson County	2	0	0	2
	Subtotal	5	2	0	7
Rock River	Ogle County	1	1	0	1
	Rock Island County	1	3	1	1
	Winnebago County	4	2	0	5
	Subtotal	6	6	1	7

Body of Water Broken Down By County cont.

Waterway		#Accidents	#Injuries	#Fatalities	#Vessels
Sangamon River	Sangamon County	1	0	1	1
	Subtotal	1	0	1	1
Sangchris Lake	Christian County	1	0	1	1
	Subtotal	1	0	1	1
Wonder Lake	McHenry County	1	0	0	1
	Subtotal	1	0	0	1
Total		68	34	18	91

ACCIDENT STATISTICS BY COUNTY

<u>County</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Adams	1	0	1	1
Calhoun	1	0	0	1
Carroll	3	0	0	5
Christian	1	1	1	1
Cook	15	5	3	20
Franklin	3	2	0	5
Grundy	2	1	1	2
Jackson	1	1	0	1
Jasper	1	0	1	1
Jefferson	2	0	0	2
Jersey	2	2	0	2
La Salle	1	0	0	1
Lake	14	10	3	24
Macon	1	1	0	1
Madison	1	0	0	2
Marshall	1	1	0	1
Mason	1	2	0	2
McHenry	2	1	0	3
Ogle	1	1	0	1
Randolph	1	1	0	1
Rock Island	1	3	1	1
Sangamon	2	0	3	2
Shelby	3	0	2	3
Wayne	1	0	1	1
Williamson	2	0	1	2
Winnebago	4	2	0	5
Totals	68	34	18	91

COUNTIES BROKEN DOWN BY BODY OF WATER

<u>County</u>		<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Adams County	Mississippi River	1	0	1	1
	Subtotal	1	0	1	1
Calhoun County	Mississippi River	1	0	0	1
	Subtotal	1	0	0	1
Carroll County	Lake Carroll	3	0	0	5
	Subtotal	3	0	0	5
Christian County	Sangchris Lake	1	1	1	1
	Subtotal	1	1	1	1
Cook County	Calumet River	1	0	0	1
	Chicago River	4	0	1	6
	Lake Michigan	10	5	2	13
	Subtotal	15	5	3	20
Franklin County	Rend Lake	3	2	0	5
	Subtotal	3	2	0	5
Grundy County	Des Plaines River	2	1	1	2
	Subtotal	2	1	1	2
Jackson County	Kinkaid Lake	1	1	0	1
	Subtotal	1	1	0	1
Jasper County	Newton Lake	1	0	1	1
	Subtotal	1	0	1	1
Jefferson County	Rend Lake	2	0	0	2
	Subtotal	2	0	0	2
Jersey County	Illinois River	2	2	0	2
	Subtotal	2	2	0	2

Counties Broken Down By Body of Water cont

<u>County</u>		<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Lake County					
	Channel Lake	1	1	0	1
	Fox Lake	2	3	0	3
	Grass Lake	1	0	0	2
	Independence Grove	1	0	1	1
	Lake Marie	1	1	0	2
	Lake Michigan	5	0	2	8
	Nippersink Lake	2	3	0	5
	Pistakee Lake	1	2	0	2
	Subtotal	14	10	3	24
LaSalle County					
	LaSalle Lake	1	0	0	1
	Subtotal	1	0	0	1
Macon County					
	Lake Decatur	1	1	0	1
	Subtotal	1	1	0	1
Madison County					
	Dunlap Lake	1	0	0	2
	Subtotal	1	0	0	2
Marshall County					
	Illinois River	1	1	0	1
	Subtotal	1	1	0	1
Mason County					
	Illinois River	1	2	0	2
	Subtotal	1	2	0	2
Ogle County					
	Rock River	1	1	0	1
	Subtotal	1	1	0	1
Randolph County					
	Kaskaskia River	1	1	0	1
	Subtotal	1	1	0	1
Rock Island County					
	Rock River	1	3	1	1
	Subtotal	1	3	1	1
Sangamon County					
	Lake Springfield	1	0	2	1
	Sangamon River	1	0	1	1
	Subtotal	2	0	3	2
Shelby County					
	Lake Shelbyville	2	0	1	2
	Kaskaskia River	1	0	1	1
	Subtotal	3	0	2	3

Counties Broken Down By Body of Water cont

<u>County</u>		<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Wayne County					
	Briarpatch Lake	1	0	1	1
	Subtotal	1	0	1	1
Williamson County					
	Lake of Egypt	2	0	1	2
	Subtotal	2	0	1	2
Winnebago County					
	Rock River	4	2	0	5
	Subtotal	4	2	0	5
Total		68	34	18	91

Fatal Boat Accidents Statistical Summary – Federal Fiscal Year 2018

Accident/ Page #	Date/Time	Day of Week	Water Body	County	# Injured	Cause of Death	PFD Use	Age	Victim Activity	Weather/ Visibility	Water Conditions	Wind
1	10/14/2017 3:46 PM	Saturday	Mississippi River	Adams	0	Possible Drowning	No	19	Recreational Cruising	Cloudy/ Good	Rough (Waves 2'-6')	Strong (25-54 Mph)
2	10/20/2017 8:30 AM	Friday	Sangchris Lake	Christian	1	Drowning	No	30	Fishing	Clear/ Fair	Calm (Waves Less Than 6")	Light (0-12 Mph)
3	4/21/2018 8:30 PM	Saturday	Sangamon River	Sangamon	0	Drowning	No	29	Recreational Cruising	Clear/ Fair	Calm (Waves Less Than 6")	Moderate (13-24 Mph)
4	4/28/2018 12:26 PM	Saturday	Lake Shelbyville	Shelby	0	Hypothermia	No	82	Fishing	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)
5	5/16/2018 5:57 PM	Wednesday	Lake of Egypt	Williamson	0	Drowning	Yes	9	Swimming	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
6	5/28/2018 2:34 PM	Monday	Lake Michigan	Lake	0	Drowning	No	49	Fishing	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)
7	5/28/2018 7:48 PM	Monday	Chicago River	Cook	0	Drowning	No	28	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Moderate (13-24 Mph)
8	5/31/2018 3:48 PM	Thursday	Briarpatch Lake	Wayne	0	Drowning	No	59	Fishing	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
9	6/6/2018 11:10 AM	Wednesday	Newton Lake	Jasper	0	Drowning	No	74	Fishing	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
10	6/18/2018 6:25 PM	Monday	Rock River	Rock Island	3	Drowning	Yes	5	Recreational Cruising	Clear/ Good	Rough (Waves 2'-6')	Light (0-12 Mph)
11	6/30/2018 5:12 PM	Saturday	Kaskaskia River	Shelby	0	Drowning	No	35	Kayaking	Clear/ Good	Choppy (Waves 6"-2')	Light (0-12 Mph)
12	7/8/2018 6:52 PM	Sunday	Des Plaines River	Grundy	0	Drowning	No	47	Swimming	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
13	7/28/2018 8:40 AM	Saturday	Lake Michigan	Cook	0	Drowning	No	52	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
14	8/11/2018 12:00 AM	Saturday	Lake Michigan	Will	1	Drowning/ Trauma	No	67	Starting Engine	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
15	8/11/2018 11:30 AM	Saturday	Independence Grove Lake	Lake	0	Drowning	No	25	Fishing	Clear/ Good	Calm (Waves Less Than 6")	Moderate (13-24 Mph)
16	8/27/2018 10:31 AM	Monday	Lake Michigan	Lake	0	Drowning	No	20	Fishing	Clear/ Fair	Rough (Waves 2' to 6')	Strong (15-25 mph)
17	9/2/2018 2:00 PM	Sunday	Lake Springfield	Sangamon	0	Drowning	No	51	Rescue	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)
18	9/2/2018 2:00 PM	Sunday	Lake Springfield	Sangamon	0	Drowning	No	60	Swimming	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)

Fatal Boat Accidents Statistical Summary – Federal Fiscal Year 2018

Accident/ Page #	Type of Accident Primary	Vessel Type	Vessel Length	Cause of Accident Primary	Operator Age	Operator Education	Operator Experience	Vessel Operations
1	Flooding/Swamping	Open Motorboat	14	Departed Vessel Voluntarily	19	None	10 To 100 Hours	Cruising
2	Sinking	Open Motorboat	14	Hull Failure	30	None	10 To 100 Hours	Cruising
3	Person Departed Vessel	Kayak	10	Alcohol Use	29	None	Less than 10 Hours	Being Towed
4	Falls Overboard	Open Motorboat	16	Cold Water Immersion	53	State Course	100 To 500 Hours	At Anchor
5	Person Struck by Vessel	Personal Watercraft	12	Careless/Reckless Operation	42	None	Under 10 Hours	Cruising
6	Person Departed Vessel	Cabin Motorboat	20	Unknown	49	Unknown	Unknown	Unknown
7	Falls Overboard	Open Motorboat	16	Sitting or Standing In Inappropriate Position	41	None	10 to 100 Hours	Cruising
8	Unknown	Open Motorboat	10	Unknown	59	None	10 to 100 Hours	Unknown
9	Falls Overboard	Open Motorboat	14	Unknown	74	None	100 to 500 Hours	Drifting
10	Collision with Fixed Object	Canoe	17	Dam/Lock	34	None	Less than 10 Hours	Rowing/Paddling
11	Collision with Fixed Object	Kayak	11	Alcohol Use	35	None	10 to 100 Hours	Rowing/Paddling
12	Person Departed Vessel	Cabin Motorboat	26	Skier/Occupant Behavior				Drifting
13	Falls Overboard	Personal Watercraft	NA	NA	52	NA	NA	NA
14	Fire/Explosion	Cabin Motorboat	28	Failure to Vent	67	None	100 to 500 Hours	Tied to Dock/Mooring
15	Falls Overboard	Rowboat	12	Skier/Occupant Behavior	25	None	10 to 100 Hours	Drifting
16	Capsizing	Kayak	NA	Weather	20	None	Less than 10 Hours	Rowing/Paddling
17	Person Departed Vessel	Pontoon	20	Alcohol Use	51	None	Unknown	Drifting
18	Person Departed Vessel	Pontoon	20	Alcohol Use	51	None	Unknown	Drifting

Fatal Boat Accident Narratives – Federal Fiscal Year 2018

1. On October, 14, 2017 at approximately 3:46 PM, on the Mississippi River near Gate 1 of dam 21, a vessel carrying the victim and 2 passengers took a wave over the bow. The vessel filled with water as a result. The 2 forward most occupants came aft to the operator location to attempt to raise the bow up out of the water. This was futile and the vessel continued to take on water to the point of capsizing. Once water had flooded up to the top of the gunwales, all 3 parties departed the vessel to get to shore. The 2 passengers were wearing PFDs, the operator was not. The 2 occupants in PFDs were picked up by a tug boat in the area; the victim was last seen down river of the tug boat. The victim disappeared behind a wave near some tied up barges and was not seen afterward. The vessel was found caught in Gate 1 of dam 21. Dam personnel report the vessel is rolling in the gate due to current force and the motor has come detached from the transom. Personnel searched for the operator with negative results. On Wednesday, August 8, 2018, a cowboy boot with leg bones was found on the Mississippi River bank in Pool 22 by the Pike County Sheriff's Office. The bones were collected and processed for DNA analysis at the Illinois State Police Crime Lab. On March 29, 2019, the DNA sample from the leg bones as being a positive match to the victim. The positive DNA match shows the victim's accident ended in a fatality and any future efforts on this case will be recovery.

Contributing Factors: Weather/Wind Causing Hazardous Conditions
Departed Vessel Voluntarily
Failure to Wear Personal Floatation Device (PFD)

2. On October 20, 2017 at approximately 8:30 PM, the victim (operator) and subject (passenger) were fishing approximately 150 yards northwest of Strawkis boat launch at Lake Sangchris. They were at anchor and noticed the boat was taking on water. They pulled up the anchor and headed towards the shore. The boat continued to swamp with water causing the bow to nosedive into the water. The victim and subject were then ejected from the boat into the water. The subject and victim swam towards the dock when the subject heard the victim yelling for help. The subject swam back towards the victim and witnessed the victim bob up and down in the water. The subject yelled to the victim to swim and hold onto the buoy but the victim was unable to, this was the last time the subject saw the victim. The subject held onto the buoy for approximately 20 minutes but could not locate the victim. The subject swam back to the boat dock to get help and was transported to the hospital and admitted for hypothermia. On October, 21, 2017, the victim's body was found at approximately 4:45 PM by the Sangamon County Search and Rescue team. The investigation revealed that the polymer casters used in construction of the homebuilt trailer contributed to the boat swamping with water. Anytime the boat was transported on the homebuilt trailer, the hull bounced onto the caster repetitively. These small impacts caused a weakening of the hull and a crack developed. Water entered the vessel through the crack and eventually swamped the boat.

Contributing Factors: Hull Failure
Swimming Ability
Alcohol Use
Failure to Wear Personal Floatation Device (PFD)

3. On April 21, 2018, at approximately 3:00 PM, the victim and his girlfriend were kayaking with another couple; each paddling their own kayak on the Sangamon River. At some point, the other couple got off the water and the victim and his girlfriend continued onward. The girlfriend had tied the victim's kayak to her leg because the victim made the decision not to paddle anymore. At approximately 8:00 PM the victim told his girlfriend he was "done with this" and voluntarily leapt off his kayak into the water. The girlfriend recalled seeing him swim southwest toward the riverbank and then lost sight of him. The girlfriend did not hear the victim call out nor did she believe the victim was in danger at any point. The girlfriend reported the victim was "in the habit" of scaring her by threatening to leave her then show up at a later time. The girlfriend took this as a common practice and kept going downriver. When the victim jumped off, the kayak became untied and the girlfriend lost sight of the kayak. The girlfriend kept paddling until she reached the primary boat ramp at Riverside Park. The girlfriend reached the boat ramp at approximately 8:15 PM and then walked the trail that parallels the river using her cell phone light to look for the victim and calling out to him to "stop playing". At approximately 8:30 PM the girlfriend called 911 and reported the victim missing. On May 1, 2018, at approximately 9:30 AM Sangamon Search and Rescue Squad found the victim's body inside the river.

Contributing Factors: Alcohol Use
Cold Water Immersion
Departed Vessel Voluntarily
Failure to wear Personal Floatation Device (PFD)

4. On April 28, 2018 at approximately 12:26 PM, the victim and his daughter were fishing from her anchored 16 foot Tracker Pro V watercraft on Lake Shelbyville, southwest of the Opossum Ramp. The daughter reported the victim leaned forward to retrieve a bobber off the port side of the watercraft near the bow area when he fell forward into the water. The daughter, who was fishing from the stern area, moved forward and was able to hold on to the victim who was conscious. The daughter stated she was unable to lift him on board. The daughter wrapped a rope around her father and shouted for help for several minutes until nearby fishermen responded with others and a helped lift the victim on board. With assistance from the fisherman, the victim was transported to the 9th Street boat ramp. During transport the daughter reported the victim lost consciousness and quit breathing. Shelby Ambulance personnel arrived at the 9th Street ramp at approximately 12:44 PM and made patient contact at 12:46 PM. Shelby Ambulance reported the victim was in full arrest at first contact. At approximately 1:01 PM the victim was transported by Shelby Ambulance to Good Shepherds Hospital in Shelbyville and later transferred to St John's Hospital in Springfield, IL. The victim pronounced deceased on May 1, 2018 at 11:29 AM. The cause of death was Hypothermia.

Contributing Factors: Cold Water Immersion
Failure to Wear Personal Floatation Device (PFD)

5. On May 16, 2018 at approximately 6:00 PM, the operator of a vessel was cruising forward when it approached 2 swimmers swimming in a cove on Lake of Egypt. When the vessel was dangerously close to the swimmers, the operator attempted a sharp accelerating turn to port in an effort to make a wake for the swimmers. The vessel accelerated, however, failed to turn. The vessel continued forward, cruising over the swimmers. The hull of the vessel impacted the head of one swimmer without injury. However, as it cruised over the second swimmer, the swimmer's hair was engulfed by the vessel's impeller. The hair became entangled in the impeller causing her head to be pinned against the hull of the vessel. Efforts to cut or untangle the hair failed and the swimmer drowned.

Contributing Factors: Careless/Reckless Operation
Operator Inexperience
Operation too close to other vessel/person in water

6. On May 28, 2018 at approximately 2:30 PM, on Lake Michigan, near Winthrop Harbor a man went overboard his vessel trying to retrieve a fishing rod and never resurface, according to USCG personnel. The cause of death is drowning.

Contributing Factors: Unknown
Failure to Wear Personal Floatation Device (PFD)

7. On May 28, 2018 at approximately 7:48 PM, a vessel was traveling Southwest on the South Branch of the Chicago River. The vessel was passed by an oncoming vessel which was creating a large wake. The wake caused victim, who was seated on the gunwale, to fall overboard. The operator of the vessel, circled back to attempt to rescue the victim, but the victim was unable to stay above water, or grab a rescue line. The victim was last seen submerging into the river between Ashland Avenue and Damen Avenue. Rescue diver's were dispatched to attempt to locate the victim, but were called off after rescue crews lost contact with a diver. On May 31, 2018, sonar operations were conducted to attempt to locate the body of the victim but were unsuccessful. On June 01, 2018, the victim's body was recovered on the Chicago River between Damen Avenue and Western Avenue. The cause of death is drowning.

Contributing Factors: Standing/Sitting in Inappropriate Position
Wake from Vessel
Failure to Wear Personal Floatation Device (PFD)

8. On May 31, 2018 the victim and his friend launched a Pelican Brand two man bass boat sometime between 11:00AM and Noon. The victim was operating the boat while the two men fished at Briarpatch Lake located in Wayne County. The men fished for approximately three and one half hours. The friend stated once the two had finished fishing he instructed the victim to take him to the shore adjacent to his camp site so he could get a snack before they pulled the watercraft out of the water. The friend went to an exterior refrigerator at his camper to get a soda and banana. Once he completed his snack, approximately three minutes later, the friend walked to the boat launch, where the two men had agreed to meet. The boat launch is approximately 100 yards from the friend's camper. When arriving at the boat launch the friend observed the boat adrift against the dam of the lake, approximately 60 yards to the north of him. He stated the front seat of the boat was missing, and he located it floating at the shoreline approximately 20 yards to the east of his location. The friend attempted to locate the victim for approximately five minutes, and then called Wayne County 911 when he was unable to locate the victim. The victim was pulled out of the water at 9:29 PM. No personal flotation devices were on the watercraft.

Contributing Factors: Alcohol Use
Unknown
Failure to Wear Personal Floatation Device (PFD)

9. On June 6, 2018 at approximately 11:10 AM, Illinois State Police Duquoin received a call of an unoccupied boat at Newton Lake in Jasper County. At approximately 11:50 AM, Conservation Police responded to Newton Lake and located the watercraft. When the boat was located the trolling motor was in the water and the outboard motor was not running. There were fishing poles and cast net found on board and dead shad in the live well. Sonar operation started near the area of the hot ditch a common area for fisherman to find shad and fish for catfish. The victim was pulled to the surface and pronounced the time of death at 4:10 PM. It is unsure how the subject ended up in the water and at what time.

Contributing Factors: Unknown
Failure to Wear Personal Floatation Device (PFD)

10. On June 18, 2018 at approximately 6:25 PM, four subjects in a canoe on the Rock River at the Steel Dam in Milan were ejected into the water when their canoe was going over the dam. The subjects clung to a buoy and eventually went over the dam. Two male subjects made it to shore safely. The other two subjects held onto a log on the bottom side of the dam. An unmanned rescue boat was sent out. The adult female was unable to get on the boat but she put a 5-year-old child on the boat. The turbidity from the dam caused the rescue vessel to tip over and the victim went back into the water. The adult female was thrown a line and pulled out of the water. The victim was recovered on June 23, 2018.

Contributing Factors: Dam/Lock
Operator Inexperience

11. On June 30, 2018 at approximately 5:12 PM, Shelby County Sherriff's Office received a call of an individual who went missing while kayaking on the Kaskaskia River 1/2 mile north of the Rt.128 Bridge. The 911 caller stated the missing individual had been under water for at least 15 minutes without resurfacing. All the witness interviews stated the victim was kayaking and came in contact with a log jam blocking passage across the width of the river. Witnesses stated as the victim made contact with the log jam his kayak flipped over causing him to go under water and he did not resurface. All the witnesses pointed to the same location when describing where they last saw the victim. Witnesses stated the victim had been drinking beer since they put in around 12:15 PM up river at the Covered Bridge. Shelby County Dive Team and Cowden Fire Department were on scene and had boats in the river attempting to locate the victim. The victim's paddle was recovered from the log jam directly in the location witnesses said he went under. The victim's yellow kayak had already been recovered upon our arrival. In his kayak, we located his wallet with driver's license in a waterproof box. A life jacket was also located in the kayak. On July 5, 2018, at approximately 8:00 PM, Conservation Police were conducting a surface search, when the body of the victim was located approximately 1/2 mile down river from the Route 128 Bridge. The Shelby and Moultrie County Divers recovered the victim's body. The victim was pronounced deceased at 10:40 PM.

Contributing Factors: Alcohol Use
Hazardous Water
Failure to Wear Personal Floatation Device (PFD)

12. On July 8, 2018 at approximately 6:58PM, the victim and friends were boating on the Des Plaines River near Harborside Marina. According to the occupants of the vessel, the victim, the owner of the boat, stated he "had to pee", walked to the stern of the boat and jumped into the water. They stated they had watched him swim for approximately 10-15 seconds, at which time he did not appear to be in distress. The occupants stated the victim then went under the water and did not resurface. A second vessel was approaching the victim's boat at the time of the incident to "say hi", and made the initial 911 call for help. On July 10, 2018, at approximately 8:48AM, the victim's remains were located.

Contributing Factors: Occupant Behavior
Failure to Wear Personal Floatation Device (PFD)

13. On July 28, 2018 at approximately 8:40 AM, the victim was boating on Lake Michigan. For unknown reasons, the victim ended up in the water and drowned.

Contributing Factors: Unknown
Failure to Wear Personal Floatation Device (PFD)

14. On August 11, 2018, at approximately 8:02 AM Wilmette Fire Department received a 911 call about a boat explosion inside Wilmette Harbor. At approximately 7:10 AM, the victim and a friend undocked the victim's boat "Scorpion" and drove down to the gas dock to fuel the boat. Receipts show fueling at approximately 7:15 AM. After fueling the vessel approximately 90% of the way, the victim and friend then washed down the vessel for approximately 20-30 minutes. Once completing the wash down of the boat, the friend stated he was walking on the Gas dock to put the garden/wash down hose back into the building. The victim was beginning the starting sequence for the boat. As the friend was walking away from the vessel he remembers hearing one engine start without issue. He then recalled a loud "clicking noise" which had three distinct "clicks" before a loud explosion. The friend was thrown to the ground with burns and shrapnel injuries to his body. The victim's body was located submerged between the two pieces of the hull and superstructure. The victim had traumatic open fractures to both of his lower legs around the ankle.

Contributing Factors: Failure to vent
Ignition of spilled fuel or vapor

15. On August 11, 2018 at approximately 11:30 AM, the victim was fishing on Independence Grove Lake. For unknown reasons, the victim ended up in the water and drowned.

Contributing Factors: Unknown
Failure to wear Personal Floatation Device (PFD)

16. On August 27, 2018 at approximately 4:30 PM, the victim and friend launched their kayaks into Lake Michigan. Neither one of them had life jackets with them. They first paddled east from the beach to "touch the buoy" and then traveled southeast towards Chicago for about an hour to an hour and a half, stopping several times to fish. After about 2 hours the friend told the victim that he wanted to turn and head back due to the winds picking up. They kayaked for approximately 30 minutes when the friend's kayak began to fill with water and then capsized. The kayak and paddle traveled away from the friend as he was in the water. The friend held to the back of the victim's kayak swimming while the victim paddles toward the shore. After about 15-20 minutes, the victim's kayak also capsized. The friend grabbed the paddle however they left the kayak. The friend stated that the victim tired quickly. They were swimming very close to each other for about 15-20 minutes then became separated by about 10-12 feet. The victim asked the friend to swim over to him and when he did, the victim grabbed on to the back of the friend's shoulders which began to pull the friend down. The friend observed the victim raise his hand straight up and his head began to go under the water. The friend stated that the victim came back up out of the water about 2-3 times, and then went under. The friend saw the victim sinking downward and did not come back up. The friend swam to a house after the victim drowned.

Contributing Factors: Weather
Failure to wear Personal Floatation Device (PFD)

17. On September 2, 2018 at approximately 2:00 PM, 4 occupants were on a pontoon boat on Lake Springfield. When a friend and victim 1 jumped into the water, they were not wearing life jackets. The friend's wife said that they all grew up together and were good swimmers. When both men jumped in, the driver, victim 2, turned off the boat to let it drift. Several minutes go by and victim1 starts to go under and not come up. The friend's wife panics and yells at victim 2 to help him. Victim 2 jumps into the water, without a life jacket, to try and help victim1. Witnesses stated that victim 2 was able to bring victim 1 up to the surface, but victim 1 was not alert or conscious. Victim 2 attempted to pull victim 1 to the boat, but the boat started to drift away from them. Victim 2 yelled at the friend's wife to start the boat and come towards them. She did not know how to operate the vehicle and could not do it. She tried to throw victim 2 a life jacket and rope, but they were too far out. Witness stated that victim 2 let go of victim 1 and he went back under. Then victim 2 disappeared under the water.

Contributing Factors: Alcohol Use
 Departed Vessel Voluntarily
 Hazardous Waters
 Failure to wear Personal Flootation Device (PFD)