

ILLINOIS RECREATIONAL BOATING REPORT

Federal Fiscal Year October 1, 2018 – September 30, 2019

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, Vacant
Deputy Chief Joe Morelock
BLA Lieutenant Curt Lewis**

FOREWORD

Boating Report 2019 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 2019 (FFY19) (10/01/2018 – 09/30/2019), excluding the registered boats, which is based on calendar year 2019. 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 2019 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.”

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<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 2019 (FFY19) (10/01/2018 – 09/30/2019), excluding the registered boats, which is based on calendar year 2019. 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 2019 Illinois Recreational Boating. Statistical information contained in this report is based on the Federal Fiscal Year 2019 (FFY19), excluding the Certificate of Numbered Vessel Reports, which is based on calendar year 2019.

Illinois officers investigated 72 reportable boat accidents, which was an increase over FFY 2018 (68). A total of 42 injuries were reported in FFY 2019, increased from previous year (34). A total of 14 fatalities were reported in FFY 2019, decreased over previous period (18) and resulted in some 6.1 deaths per 100,000 registered recreational vessels.

The Illinois Department of Natural Resources Office of Law Enforcement recorded 39,421 personal service hours worked on the Recreational Boating Safety Program, which accounted for 12% of total work hours. This was a (16 %) increase from the total hours worked on the program in FFY 2019. The Office of law Enforcement's estimated on the water hours of 14,073 showed a (-24 %) 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 2019 from the previous year. Citations decreased from 1,045 to 725 (-30%) and written warnings decreased from 3,753 to 2,623 (-30%). Operating under the influence arrest decreased from 124 to 103 (-17%). Personal floatation device and operating under the influence remained the top boating violations cited by officers.

Headcount for the Office of law Enforcement in FFY19 totaled 133 officers, an approximate (29%) increase from the previous reporting period. The officer increase does not reflect in the enforcement results due to all the extra duties of field officers contributing to the training of 40 new recruits.

The total number of registered boats continues to decline from 245,621 last year to 229,370 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.

14 people died in 10 Illinois boating accidents.

9 fatalities occurred during the week and 5 on the weekend

12 fatalities with clear conditions and 9 with calm waters

The winds were light to moderate (13) with good visibility (13)

In the majority of fatalities, the operators had no formal boat safety education (10).

7 out of 14 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 14 fatalities, 9 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
2019	72	42	14	95	229,370	14	103	735	2,623	39,421
Total	6,159	3,778	1,369	8,261	9,987,221	843	3,629	27,314	62,145	603,862

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

Year	Traditional Classroom Course		Internet Courses		Total Number of People Issued Boat Safety Cards	
	Total Classes	# Students Certified	Total Students	Exams Issued		# Students Certified
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
2019	20	404	434	3,546	3,546	3,950
Totals	662	12,448	12,673	36,501	35,218	47,666

* 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**

2019 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	19	371	5	0	4	399
Fiberglass	3,250	5,071	217	0	26	8,564
Metal	126	27,795	51	0	4	27,976
Inflatable	18	1,067	1	0	0	1,086
Other	84	1,789	20	1	4	1,898
Total	3,497	36,093	294	1	38	39,923
16 to 26 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	209	607	52	0	2	870
Fiberglass	12,242	23,676	21,217	50	359	57,544
Metal	672	85,134	686	0	20	86,512
Inflatable	23	100	16	0	0	139
Other	41	343	54	0	2	440
Total	13,187	109,860	22,025	50	383	145,505
26 to 40 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	23	13	11	7	1	55
Fiberglass	2,670	435	4,147	867	87	8,206
Metal	114	1,296	150	4	0	1,564
Inflatable	0	2	3	1	0	6
Other	7	6	9	1	1	24
Total	2,814	1,752	4,320	880	89	9,855
40 to 65 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	10	1	1	3	0	15
Fiberglass	748	15	108	135	1	1,007
Metal	72	50	67	1	0	190
Inflatable	0	0	0	0	0	0
Other	3	1	0	0	0	4
Total	833	67	176	139	1	1,216
Over 65 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	1	0	0	0	0	1
Fiberglass	17	0	0	0	0	17
Metal	29	2	18	2	0	51
Inflatable	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total	47	2	18	2	0	69

2019 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	262	992	69	10	7	1,340
Fiberglass	18,927	29,197	25,689	1,052	473	75,338
Metal	1,013	114,277	972	7	24	116,293
Inflatable	41	1,169	20	1	0	1,231
Other	135	2,139	83	2	7	2,366
Total	20,378	147,774	26,833	1,072	511	196,568
Other Boats						
Hull Material	Not Mechanically Propelled			Personal Watercraft	Other Boats	Total
	Rowboats	Sailboats	Canoes/ Kayaks			
Wood	56	92	40	26	29	243
Fiberglass	1,642	2,337	483	20,102	1,420	25,984
Metal	4,683	29	660	78	1,236	6,686
Inflatable	83	10	35	37	203	368
Other	803	197	1,353	490	1,096	3,939
Total	7,267	2,665	2,571	20,733	3,984	37,220
	12,503					
Total Number of Registered Boats					229,370	

BOATING ENFORCEMENT

Top Boating Violations

Top Citations	
Type of Boating Violations	
Wearable PFD (Type I, II, Or III Required)	115
Under the Influence of Alcohol	101
PFD Age Requirement. Less Than 13 Years Old Must Wear PFD	101
Operating with BAC Over .08	73
Personal Flotation Devices	56
Operation in No Wake Area	44
Operation of Unnumbered Watercraft	38
Fire Extinguisher	19
Failure to Transfer Certificate of Number	18
Lanyard Cut-off Switch	16
Operating W/Out Proper Lights Between Sunset/Sunrise	13
Failure to Display Valid Registration Decal	12
Competent Observer, Vessel Capacity-3 Person	11
Restricted Area, No Wake W/In 150 Feet of Public Ramp	11
Passenger Location	11
Personal Watercraft – PFD Must be Worn	10
Careless Operation	9
Total Number of Citations Issued	735

Top Written Warnings	
Type of Boating Violations	Written Warnings
Battery Covers	521
Personal Flotation Devices	394
Operation of Unnumbered Watercraft	315
Fire Extinguisher	285
Operation of Motorboat Without Horn or Whistle	206
Lanyard Cut-Off Switch	189
Type IV PFD On Board (16 Feet and Over)	122
Operation in No Wake Area	104
Failure to Display, Improper Display of Registration Number	74
Passenger Location	60
Restricted Area, No Wake W/In 150 Feet of Public Ramp	60
Operating W/Out Proper Lights Between Sunset/Sunrise	54
Displaying Orange Flag While Towing Person	47
Failure to Display Valid Registration Decal	33
Total Number of Written Warnings Issued	2623

Boat Citations

Chapter / Act / Section	# Issued	Violation
625 45 2-4A	1	Resistance to Officers
625 45 2-4B	0	Failure to Obey Direction of Police Officer
625 45 3-1	38	Operation of Unnumbered Watercraft
625 45 3-1.5	0	No Water Usage Stamp (Non-Powered Watercraft)
625 45 3-3	11	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	18	Failure to Transfer Certificate of Number
625 45 3-7	1	Loss of Certificate of Number/Registration Decal
625 45 3-9	12	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	2	Failure to Transfer Title-Individual
625 45 3A-20A	1	Operating W/O Certificate of Title
625 45 3A-20B	0	Sell/Transfer W/O Certificate
625 45 3A-20C	1	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	56	Personal Flotation Devices
625 45 4-1A	115	Wearable PFD (Type I, II, Or III Required)
625 45 4-1B	10	Personal Watercraft – PFD Must Be Worn
625 45 4-1C	5	Type IV PFD On Board (16 Feet and Over)
625 45 4-1D	0	Type V PFD Approved for Activity Used
625 45 4-1E	1	No PFD on boat for Peron being Towed
625 45 4-1F1	0	PFDs Accessible
625 45 4-1F2	0	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	101	PFD Age Requirement. Less Than 13 Years Old Must Wear PFD
625 45 4-2	13	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	1	Operation of Motorboat Without Horn or Whistle
625 45 4-5	19	Fire Extinguisher
625 45 4-6	0	Carburetor Arrestor
625 45 4-9	0	Sealing of Marine Heads
625 45 4-10	8	Battery Covers
625 45 4-11	16	Lanyard Cut-Off Switch
625 45 4-12	1	Visual Distress Signals
625 45 5-1	9	Careless Operation
625 45 5-2A	2	Reckless Operation/Aggravated Reckless Operation
625 45 5-2B	1	Reckless Operation with Great Bodily Harm
625 45 5-3	0	Interference with Navigation

Chapter / Act / Section	# Issued	Violation
625 45 5-4A	6	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	11	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	3	Crossing
625 45 5-13C	0	Overtaking
625 45 5-13D	0	Right of Way Violation
625 45 5-14	3	Towing of Persons
625 45 5-14A	11	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	1	Displaying Orange Flag While Towing Person
625 45 5-16A 1	0	Operating Under the Influence Alcohol/Drugs
625 45 5-16A 1 a	73	Operating with BAC Over .08
625 45 5-16A 1 b	101	Under the Influence of Alcohol
625 45 5-16 A 1 c	1	Under the Influence of Drugs
625 45 5-16 A 1 d	1	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	5	Youthful Operators
625 45 5-19	0	Skin Diving 150ft Shoreline/Diver's Flag
625 45 5-20	9	Operation of PWC Between the Hours of Sunset/Sunrise
625 45 5-21	11	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 6-1A	2	Failure to Render Assistance in Accident
625 45 6-1 A 1	1	Failure to Report Accident Within 1 Hour
625 45 7-1	3	License Required-Passenger for Hire/Boat Rental
625 45 7-7	0	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	735	

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	315	Operation of Unnumbered Watercraft
625 45 3-1.5	1	No Water Usage Stamp (Non-Powered Watercraft)
625 45 3-3	74	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	20	Failure to Transfer Certificate of Number
625 45 3-7	1	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	33	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	0	Sell/Transfer W/O Certificate
625 45 3A-20C	0	Failure to Surrender Title
625 45 3A-21A	0	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	1	Abandoning A Watercraft
625 45 4-1	394	Personal Floatation Devices
625 45 4-1A	4	Wearable PFD (Type I, II, Or III Required)
625 45 4-1B	3	Personal Watercraft – PFD Must Be Worn
625 45 4-1C	122	Type IV PFD On Board (16 Feet and Over)
625 45 4-1D	0	Type V PFD Approved for Activity Used
625 45 4-1E	3	Water skier, aquaplanes, etc.
625 45 4-1F1	0	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	13	PFD Age Requirement. Less Than 13 Years Old Must Wear PFD
625 45 4-2	54	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	206	Operation of Motorboat Without Horn or Whistle
625 45 4-5	285	Fire Extinguisher
625 45 4-6	2	Carburetor Arrestor
625 45 4-7	2	Ventilators
625 45 4-8	0	Sirens and flashing lights-Unlawful use
625 45 4-10	521	Battery Covers

Chapter / Act / Section	# Issued	Violation
625 45 4-11	189	Lanyard Cut-Off Switch
625 45 4-12	11	Visual Distress Signals
625 45 5-1	11	Careless Operation
625 45 5-2	1	Reckless Operation/Aggravated Reckless Operation
625 45 5-2A	1	Reckless Operation of Watercraft
625 45 5-3	0	Interference with Navigation
625 45 5-4A	29	Overloading Motorboat
625 45 5-4B	0	Capacity Plate
625 45 5-5	0	Incapacity of Operator
625 45 5-6	0	Overpowering
625 45 5-7	60	Restricted Area, No Wake W/In 150 Feet of Public Ramp
625 45 5-12	104	Operation in No Wake Area
625 45 5-13A	1	Passing
625 45 5-13B	0	Crossing
625 45 5-13C	0	Overtaking
625 45 5-13D	0	Sailboats and Rowboats
625 45 5-14	18	Waterskiing
625 45 5-14A	6	Competent Observer, Vessel Capacity-3 Persons
625 45 5-14B	2	Hours for Skiing
625 45 5-14E	47	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	18	Youthful Operators
625 45 5-19	0	Skin Diving 150ft Shoreline/Diver's Flag
625 45 5-20	10	Operation of PWC Between the Hours of Sunset/Sunrise
625 45 5-21	60	Passenger Location
625 45 5-22B	2	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	0	Failure to Report Accident Within 1 Hour
625 45 7-1	1	License Required-Passenger for Hire/Boat Rental
625 45 7-7	0	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
TOTAL VIOLATIONS	2623	

Boat Registration Inspections

Year	Region I	Region II	Region III	Region IV	Region V	Total
2012	133	176	101	89	67	566
2013	56	88	34	35	15	228
2014	56	95	36	50	27	264
2015	51	170	10	56	19	306
2016	41	78	10	45	15	189
2017	24	88	9	27	23	171
2018	26	79	8	23	10	146
2019	40	35	19	29	13	136
Total	522	944	262	393	202	2323

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.

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
2019	8,624	201	297	735	2,623	39,421
Total	189,255	4864	14,287	17,176	53,952	435,312

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
2019	26	32	8	9	28	1	104	103
Total	615	588	386	360	418	714	3081	2470

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%
2019	104	5	42	11.90 %	7	14	50.00%	9	95	9.47%
Total	4063	113	1251	9.03%	83	320	25.93%	195	2655	7.34%

Boat Accident Report

Statistical information contained in this report is based on the Federal Fiscal Year 2019 (FFY19) (10/01/2018 – 09/30/2019), excluding the registered boats, which is based on calendar year 2019.

Total Number of Accidents	Total Number of Injuries	Total Number of Fatalities	Total Number of Vessels	Total Number of Registered Boats
72	42	14	95	229,370
Number of Accidents per 100,000 Registered Boats		Number of Injuries per 100,000 Registered Boats		Number of Fatalities per 100,000 Registered Boats
31.4		18.3		6.1

Fatalities--Cause of Death

Boating Fatalities		
Cause of Death	Number of Fatalities	Percent of Fatalities
Drowning	14	100%
Totals	14	100%

Fatalities -- Life Jacket Use

Status	Number of Fatalities	Percent of Fatalities
Life Jacket Worn	5	35.7%
Life Jacket Not Worn	9	64.3%
Totals	14	100%

Fatalities -- Cause of Death and Life Jacket Use

Cause of Death	Life Jacket Use Status		
	Worn	Not Worn	Unknown
Drowning	5	9	0
Totals	5	9	0

Fatalities -- Victim Activity

Boating Fatalities		
Victim Activity	Number of Fatalities	Percent of Fatalities
Boat Disabled	2	14.30%
Fishing	1	7.10%
Recreational Cruising	9	64.30%
Recreational Paddling	2	14.30%
Totals	14	100%

Fatalities -- Vessel Type

Boating Fatalities		
Vessel Type	Number of Fatalities	Percent of Fatalities
Cabin Motorboat	1	7.1%
Kayak	2	14.3%
Open Motorboat	6	42.9%
Other	2	14.3%
Personal Watercraft	1	7.1%
Pontoon Boat	2	14.3%
Totals	14	100%

Fatalities -- Vessel Type and Life Jacket Use

Vessel Type	Life Jacket Use Status		
	Worn	Not Worn	Unknown
Cabin Motorboat	0	1	0
Kayak	2	0	0
Open Motorboat	1	5	0
Other	1	1	0
Personal Watercraft	0	1	0
Pontoon Boat	1	1	0
Totals	5	9	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
Exposure to Elements	1	1	0	Diving/Swimming	1	2.40%
Impact with Boat	9	10	0	Fishing	4	9.50%
Impact with Fixed / Floating Object	4	7	0	Government	1	2.40%
Impact with Water	1	2	0	None	1	2.40%
Struck by Boat	1	1	0	Recreational Cruising	24	57.10%
Struck by Propeller	1	2	0	Skiing / Tubing	8	19.00%
Unknown	1	2	0	Starting Engine	1	2.40%
Totals	18	24	0	Unknown	2	4.80%
				Totals	42	100%

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	4	9.50%	Exposure to Elements	2	4.80%
Broken Bones	2	4.80%	Impact with Boat	19	45.20%
Burns	1	2.40%	Impact with Fixed / Floating Object	11	26.20%
Contusion	8	19.00%	Impact with Water	3	7.10%
Head Injury	6	14.30%	Struck by Boat	2	4.80%
Hypothermia	2	4.80%	Struck by Propeller	3	7.10%
Internal Injuries	3	7.10%	Unknown	2	4.80%
Laceration	8	19.00%	Totals	42	100%
Spinal Injury	3	7.10%			
Sprain/Strain	2	4.80%			
Unknown	3	7.10%			
Totals	42	100%			

Accidents by Date of Accident & Monthly Totals (10/01/2018 – 09/30/2019)

<u>Date/Month</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
October				
10/4/2018	1	0	0	1
10/9/2018	1	0	0	2
10/12/2018	1	0	0	2
Subtotal	3	0	0	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				
4/19/2019	1	1	1	1
Subtotal	1	1	1	1
May				
5/11/2019	1	1	0	1
5/18/2019	1	0	0	1
5/26/2019	4	0	0	7
5/27/2019	1	0	1	1
5/28/2019	1	3	0	1
5/31/2019	1	0	0	1
Subtotal	9	4	1	12
June				
6/1/2019	1	1	0	1
6/2/2019	1	0	0	1
6/8/2019	2	0	1	2
6/10/2019	1	1	0	1
6/18/2019	1	0	0	1
6/20/2019	1	0	0	1
6/21/2019	1	0	0	2
6/22/2019	1	1	0	1
6/26/2019	1	0	4	1
6/28/2019	1	0	1	1
6/29/2019	3	0	0	4
6/30/2019	1	0	0	1
Subtotal	15	3	6	17

<u>Date/Month</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
July				
7/3/2019	1	0	0	1
7/4/2019	1	2	0	2
7/5/2019	2	1	0	3
7/6/2019	2	4	0	4
7/11/2019	1	1	1	1
7/13/2019	1	0	0	1
7/14/2019	2	1	0	3
7/17/2019	3	6	0	3
7/19/2019	1	0	0	2
7/20/2019	4	4	1	5
7/21/2019	1	0	0	2
7/27/2019	3	4	0	5
7/28/2019	1	0	0	2
7/31/2019	1	1	0	2
Subtotal	24	24	2	36
August				
8/1/2019	1	0	0	2
8/3/2019	3	1	2	4
8/4/2019	1	1	0	1
8/10/2019	1	0	0	1
8/17/2019	2	1	0	3
8/18/2019	2	1	0	2
8/31/2019	1	1	0	1
Subtotal	11	5	2	14
September				
9/1/2019	1	0	1	1
9/2/2019	2	2	0	2
9/6/2019	1	0	1	1
9/7/2019	1	0	0	2
9/19/2019	1	1	0	1
9/23/2019	1	0	0	1
9/24/2019	1	1	0	1
9/30/2019	1	1	0	1
Subtotal	9	5	2	10
Total	72	42	14	95

Accidents by Day of Week

<u>Day of Week</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Sunday	14	3	1	20
Monday	6	4	1	6
Tuesday	4	4	0	5
Wednesday	6	7	4	7
Thursday	6	4	1	8
Friday	9	2	3	13
Saturday	27	18	4	36
Total	72	42	14	95

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.				
1:00AM	1	0	0	1
1:10AM	1	1	0	1
1:16AM	1	0	0	1
1:55AM	1	1	1	1
2:00AM	1	0	4	1
2:40AM	1	1	0	1
3:00AM	1	0	0	1
3:20AM	1	0	0	1
4:49AM	1	4	0	2
5:45AM	1	0	0	1
5:50AM	1	2	0	2
Subtotal	11	8	5	13
6:01 a.m. - 12:00 noon				
9:20AM	1	1	0	1
9:50AM	2	4	0	2
10:14AM	1	1	0	1
10:15AM	1	0	0	1
10:26AM	1	1	0	1
10:35AM	1	0	0	1
11:00AM	1	0	0	2
11:10AM	1	0	0	2
Subtotal	9	7	0	11
12:01 p.m. - 6:00 p.m.				
12:30PM	3	0	1	4
12:36PM	1	0	1	1
12:40PM	1	1	0	1
12:45PM	1	0	0	2
12:58PM	1	0	0	1
1:00PM	1	0	0	1
1:10PM	1	0	0	2
1:11PM	1	1	0	1
1:18PM	1	1	0	1
2:00PM	1	0	0	2
2:05PM	1	0	1	1
2:28PM	1	1	0	1
2:30PM	3	0	1	5
2:45PM	1	0	0	2
3:29PM	1	0	1	1
3:30PM	2	0	0	2
3:40PM	1	0	0	1
3:48PM	1	1	0	1
4:15PM	1	1	0	1
4:20PM	1	0	0	1

<u>Time</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
4:25PM	1	0	0	1
4:30PM	2	1	0	3
5:15PM	1	0	0	2
5:30PM	1	0	1	1
5:45PM	1	0	0	1
5:56PM	1	4	0	2
Subtotal	32	11	6	42
6:01 p.m. - 12:00 a.m.				
6:23PM	1	0	0	2
6:30PM	1	0	0	2
6:33PM	1	3	0	1
6:30PM	1	1	0	1
6:35PM	1	0	0	2
6:53PM	1	0	2	1
6:55PM	1	0	0	2
7:16PM	1	0	0	1
7:21PM	1	1	1	1
7:34PM	1	0	0	2
7:43PM	1	1	0	1
8:00PM	2	0	0	2
8:30PM	1	0	0	2
8:34PM	1	1	0	1
8:45PM	1	0	0	1
9:00PM	1	1	0	2
9:30PM	1	5	0	1
9:35PM	1	0	0	2
10:19PM	1	1	0	1
10:30PM	1	1	0	2
Subtotal	21	15	3	30
Total	72	42	14	95

Accidents by Water Conditions

<u>Water</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Calm (Waves Less Than 6")	39	16	9	55
Choppy (Waves 6"- 2')	21	19	3	26
Rough (Waves 2'- 6')	7	4	0	7
Strong/Swift Current	1	0	2	1
Very Rough (Waves Greater than 6')	1	2	0	2
Unknown	3	1	0	4
Total	72	42	14	95

Accidents by Weather Conditions

<u>Weather</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Clear	63	40	12	85
Cloudy	5	1	2	5
Rain	1	0	0	1
Thunderstorm	1	0	0	1
Unknown	2	1	0	3
Total	72	42	14	95

Accidents by Wind Conditions

<u>Wind</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Light (0-12 Mph)	40	16	9	55
Moderate (13-24 Mph)	24	25	4	29
Strong (25-54 Mph)	4	0	1	5
Stormy (Over 55 Mph)	1	0	0	1
Unknown	3	1	0	5
Total	72	42	14	95

Accidents by Visibility

<u>Visibility</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Fair	5	4	1	6
Good	62	37	13	82
Poor	2	0	0	3
Unknown	3	1	0	4
Total	72	42	14	95

Accident Causes/Contributing Factors (Primary Cause/Factor)

<u>Primary Cause</u>	<u># Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Alcohol Use	5	7	9
Careless/Reckless Operation	9	0	16
Congested Waters	2	0	5
Departed Vessel Voluntarily	0	0	1
Did Not Contribute	5	0	15
Equipment Failure	0	0	1
Excessive Speed	4	0	2
Force of Wake	3	0	2
Hazardous Waters	0	1	2
Improper Anchoring	0	0	4
Machinery Failure	2	0	4
No Proper Lookout	3	0	3
Operator Inattention	1	0	4
Operator Inexperience	2	1	5
Other-Hull Damage Due to Collision	0	0	1
Other-No Plug in Hull	0	0	1
Other-Operator Inadvertently Struck	0	0	1
Other-Ski Rope Tangled in Engine Propeller	0	2	1
Overloading	0	1	2
Passenger/Skier Behavior	3	0	3
Restricted Vision	0	0	1
Rules of Road Infraction	0	0	3
Sharp Turn	1	0	2
Unknown	2	1	6
Weather	0	1	1
Totals	42	14	95

Accident Types (Primary Type)

<u>Type of Accident</u>	<u># Injuries</u>	<u># Fatalities</u>	<u>#Vessels</u>
Capsizing	7	2	8
Collision with Another Vessel	9	2	39
Collision with Fixed Object	8	6	11
Collision with Floating Object	3	0	5
Falls in Boat	1	0	1
Falls Overboard	2	0	2
Fire or Explosion (Fuel)	2	0	4
Fire or Explosion (Other Than Fuel)	0	0	1
Flooding/Swamping	0	0	4
Grounding	0	0	1
Person Departed Vessel	2	1	3
Person Ejected from A Vessel	3	1	5
Sinking	0	1	2
Skier Mishap	5	0	3
Struck by Boat	0	0	1
Struck by Motor or Propeller	0	0	1
Struck Submerged Object	0	0	1
Unknown	0	1	3
	42	14	95

Accidents by Vessel Type

<u>Type of Vessel</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Aux. Sail	0	0	5
Cabin Motorboat	4	1	18
Canoe	1	0	1
Houseboat	0	0	1
Kayak	1	2	3
Open Motorboat	22	6	36
Paddle Boat	1	2	2
Pontoon	6	2	13
PWC	4	1	12
Unknown	3	0	4
Total	42	14	95

Vessel Operation at Time of Accident

<u>Vessel Operation</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
At Anchor	1	0	9
Changing Direction	2	0	5
Changing Speed	1	0	6
Changing Speed, Changing Direction	3	0	4
Changing Speed, Cruising	0	0	2
Changing Speed, Cruising, Changing Direction	0	1	1
Changing Speed, Docking/Undocking	0	0	1
Changing Speed, Docking/Undocking, Changing Direction	0	0	2
Changing Speed, Drifting, Changing Direction	1	0	1
Cruising	24	6	32
Cruising, Changing Direction	0	0	1
Docking/Undocking	0	0	2
Drifting	5	1	5
Drifting, Rowing/Paddling	0	1	1
Launching	1	0	3
Other-Putting on Trailer	0	0	1
Other-Rope Tangled in Prop, Drifting	0	2	1
Rowing/Paddling	1	2	3
Sailing	0	0	2
Tied to Dock / Mooring	0	0	7
Unknown	3	1	6
Total	42	14	95

Accidents by Vessel Length

<u>Vessel Length in Feet</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Unknown	3	0	7
Less Than 16 Feet			
8	0	0	1
9	0	1	2
10	3	3	8
11	3	1	4
12	0	0	1
14	0	1	1
Subtotal	6	6	17
16 Feet To < 26 Feet			
16	2	0	4
17	6	0	4
18	1	1	5
19	0	0	3
20	1	4	7
21	4	0	8
22	2	0	5
23	9	0	6
24	2	3	6
25	4	0	3
Subtotal	31	8	51
26 Feet To < 40 Feet			
26	0	0	1
27	0	0	1
28	0	0	1
31	0	0	1
33	0	0	2
35	0	0	2
36	1	0	2
37	0	0	2
38	0	0	2
Subtotal	1	0	14
40 Feet To < 65 Feet			
39	0	0	1
40	0	0	1
50	0	0	2
52	0	0	1
Subtotal	0	0	5
Total	42	14	95

Operator Boating Safety Education

<u>Operator Education</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
State Course	5	4	13
U.S.C.G. Auxiliary	0	0	3
None	23	9	49
Unknown	14	1	30
Total	42	14	95

Operator's Overall Boating Experience (in Hours)

<u>Operator Experience</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Under 10 hours	5	2	15
10 - 100 hours	6	2	14
Over 100 hours	24	10	45
Unknown	7	0	21
Total	42	14	95

Accidents by Operator Age

<u>Operator Age</u>	<u>Injuries</u>	<u>Fatalities</u>	<u>Vessels</u>
Unknown	1	0	10
9	1	1	1
16	0	0	1
18	2	0	4
19	0	0	1
20	0	0	1
21	1	0	2
23	0	0	1
28	3	1	5
29	0	0	2
30	1	0	2
32	0	0	2
33	1	0	2
34	2	0	3
35	0	1	2
37	5	0	3
38	1	0	1
39	0	0	3
40	6	0	4
41	0	0	2
42	0	0	2
44	0	3	3
45	1	0	2
46	0	0	1
47	1	4	2
48	2	2	5
49	0	0	2
51	0	0	1
52	5	0	4
54	1	0	2
55	4	0	3
56	1	0	1
59	0	1	1
60	0	0	1
61	0	0	1
62	0	0	2
64	0	0	1
65	1	0	1
66	0	1	1
69	1	0	2
74	0	0	1
76	0	0	1
77	0	0	1
81	0	0	1
85	1	0	1
Total	14	95	42

ACCIDENT STATISTICS BY BODY OF WATER

Body of Water	# Accidents	# Injuries	# Fatalities	# Vessels
Apple Canyon Lake	1	0	0	2
Bangs Lake	1	1	1	1
Benton Lake	1	0	1	1
Calumet Sag Channel	1	0	0	1
Carlyle Lake	5	1	0	7
Chicago Sanitary and Ship Canal	2	1	4	2
Clinton Lake	1	1	0	1
Fox River	6	2	0	8
Grass Lake	2	0	0	3
Illinois River	2	1	0	3
Kankakee River	1	0	1	1
Kinkaid Lake	2	5	0	3
Lake Carroll	1	0	0	1
Lake Decatur	2	4	0	3
Lake Holiday	1	1	0	1
Lake Jacksonville	1	0	1	1
Lake Lou Yaeger	1	1	0	1
Lake Marie	4	1	0	6
Lake Michigan	16	12	1	24
Lake of Egypt	1	0	0	1
Lake Shelbyville	1	0	0	1
Lake Springfield	2	0	1	2
Lake Terramere	1	0	1	1
Mississippi River	2	0	2	2
Nippersink Lake	1	0	0	2
Olsen Lake	1	1	0	1
Otter Lake	1	1	0	1
Petite Lake	1	1	0	1
Pistakee Lake	3	5	0	4
Rend Lake	3	0	0	4
Rice Lake	1	0	1	1
Rock River	3	3	0	4
Totals	72	42	14	95

Body of Water Broken Down by County

<u>Waterway</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Apple Canyon Lake				
Jo Daviess County	1	0	0	2
Subtotal	1	0	0	2
Bangs Lake				
Lake County	1	1	1	1
Subtotal	1	1	1	1
Benton Lake				
Franklin County	1	0	1	1
Subtotal	1	0	1	1
Calumet Sag Channel				
Cook County	1	0	0	1
Subtotal	1	0	0	1
Carlyle Lake				
Clinton County	5	1	0	7
Subtotal	5	1	0	7
Chicago Sanitary and Ship Canal				
Cook County	2	1	4	2
Subtotal	2	1	4	2
Clinton Lake				
DeWitt County	1	1	0	1
Subtotal	1	1	0	1
Fox River				
Kane County	2	0	0	3
Kendall County	1	1	0	1
McHenry County	3	1	0	4
Subtotal	6	2	0	8
Grass Lake				
Lake County	2	0	0	3
Subtotal	2	0	0	3
Illinois River				
Jersey County	1	0	0	2
LaSalle County	1	1	0	1
Subtotal	2	1	0	3
Kankakee River				
Kankakee County	1	0	1	1
Subtotal	1	0	1	1
Kinkaid Lake				
Jackson County	2	5	0	3
Subtotal	2	5	0	3
Lake Carroll				
Carroll County	1	0	0	1
Subtotal	1	0	0	1
Lake Decatur				
Macon County	2	4	0	3
Subtotal	2	4	0	3

Body of Water Broken Down by County

<u>Waterway</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Lake Holiday				
La Salle County	1	1	0	1
Subtotal	1	1	0	1
Lake Jacksonville				
Morgan County	1	0	1	1
Subtotal	1	0	1	1
Lake Lou Yaeger				
Montgomery County	1	1	0	1
Subtotal	1	1	0	1
Lake Marie				
Lake County	4	1	0	6
Subtotal	4	1	0	6
Lake Michigan				
Cook County	14	8	1	22
Lake County	2	4	0	2
Subtotal	16	12	1	24
Lake of Egypt				
Williamson County	1	0	0	1
Subtotal	1	0	0	1
Lake Shelbyville				
Shelby County	1	0	0	1
Subtotal	1	0	0	1
Lake Springfield				
Sangamon County	2	0	1	2
Subtotal	2	0	1	2
Lake Terramere				
Cook County	1	0	1	1
Subtotal	1	0	1	1
Mississippi River				
Hancock County	1	0	0	1
Pike County	1	0	2	1
Subtotal	2	0	2	2
Nippersink Lake				
Lake County	1	0	0	2
Subtotal	1	0	0	2
Olsen Lake				
Winnebago County	1	1	0	1
Subtotal	1	1	0	1
Otter Lake				
Macoupin County	1	1	0	1
Subtotal	1	1	0	1
Petite Lake				
Lake County	1	1	0	1
Subtotal	1	1	0	1

Body of Water Broken Down by County				
<u>Waterway</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Pistakee Lake				
Lake County	2	4	0	3
McHenry County	1	1	0	1
Subtotal	3	5	0	4
Rend Lake				
Franklin County	2	0	0	3
Jefferson County	1	0	0	1
Subtotal	3	0	0	4
Rice Lake				
Fulton County	1	0	1	1
Subtotal	1	0	1	1
Rock River				
Ogle County	1	1	0	1
Whiteside County	1	0	0	1
Winnebago County	1	2	0	2
Subtotal	3	3	0	4
Total	72	42	14	95

ACCIDENT STATISTICS BY COUNTY

<u>County</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Carroll	1	0	0	1
Clinton	5	1	0	7
Cook	18	9	6	26
DeWitt	1	1	0	1
Franklin	3	0	1	4
Fulton	1	0	1	1
Hancock	1	0	0	1
Jackson	2	5	0	3
Jefferson	1	0	0	1
Jersey	1	0	0	2
Jo Daviess	1	0	0	2
Kane	2	0	0	3
Kankakee	1	0	1	1
Kendall	1	1	0	1
La Salle	2	2	0	2
Lake	13	11	1	18
Macon	2	4	0	3
Macoupin	1	1	0	1
McHenry	4	2	0	5
Montgomery	1	1	0	1
Morgan	1	0	1	1
Ogle	1	1	0	1
Pike	1	0	2	1
Sangamon	2	0	1	2
Shelby	1	0	0	1
Whiteside	1	0	0	1
Williamson	1	0	0	1
Winnebago	2	3	0	3
Totals	72	42	14	95

Counties Broken Down by Body of Water

<u>County</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Carroll County				
Lake Carroll	1	0	0	1
Subtotal	1	0	0	1
Clinton County				
Carlyle Lake	5	1	0	7
Subtotal	5	1	0	7
Cook County				
Chicago Sanitary and Ship Canal	2	1	4	2
Calumet Sag Channel	1	0	0	1
Lake Michigan	14	8	1	22
Lake Terramere	1	0	1	1
Subtotal	18	9	6	26
DeWitt County				
Clinton Lake	1	1	0	1
Subtotal	1	1	0	1
Franklin County				
Benton Lake	1	0	1	1
Rend Lake	2	0	0	3
Subtotal	3	0	1	4
Fulton County				
Rice Lake	1	0	1	1
Subtotal	1	0	1	1
Hancock County				
Mississippi River	1	0	0	1
Subtotal	1	0	0	1
Jackson County				
Kinkaid Lake	2	5	0	3
Subtotal	2	5	0	3
Jefferson County				
Rend Lake	1	0	0	1
Subtotal	1	0	0	1
Jersey County				
Illinois River	1	0	0	2
Subtotal	1	0	0	2
Jo Daviess County				
Apple Canyon Lake	1	0	0	2
Subtotal	1	0	0	2

Counties Broken Down by Body of Water

<u>County</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Kane County				
Fox River	2	0	0	3
Subtotal	2	0	0	3
Kankakee County				
Kankakee River	1	0	1	1
Subtotal	1	0	1	1
Kendall County				
Fox River	1	1	0	1
Subtotal	1	1	0	1
Lake County				
Bangs Lake	1	1	1	1
Grass Lake	2	0	0	3
Lake Marie	4	1	0	6
Lake Michigan	2	4	0	2
Nippersink Lake	1	0	0	2
Petitie Lake	1	1	0	1
Pistakee Lake	2	4	0	3
Subtotal	13	11	1	18
LaSalle County				
Lake Holiday	1	1	0	1
Illinois River	1	1	0	1
Subtotal	2	2	0	2
Macon County				
Lake Decatur	2	4	0	3
Subtotal	2	4	0	3
Macoupin County				
Otter Lake	1	1	0	1
Subtotal	1	1	0	1
McHenry County				
Fox River	3	1	0	4
Pistakee Lake	1	1	0	1
Subtotal	4	2	0	5
Montgomery County				
Lake Lou Yaeger	1	1	0	1
Subtotal	1	2	0	2
Morgan County				
Lake Jacksonville	1	0	1	1
Subtotal	1	0	1	1
Ogle County				
Rock River	1	1	0	1
Subtotal	1	1	0	1

Counties Broken Down by Body of Water					
County		#Accidents	#Injuries	#Fatalities	#Vessels
Pike County					
	Mississippi River	1	0	2	1
	Subtotal	1	0	2	1
Sangamon County					
	Lake Springfield	2	0	1	2
	Subtotal	2	0	1	2
Shelby County					
	Lake Shelbyville	1	0	0	1
	Subtotal	3	0	2	3
Whiteside County					
	Rock River	1	0	0	1
	Subtotal	1	0	0	1
Williamson County					
	Lake of Egypt	1	0	0	1
	Subtotal	1	0	0	1
Winnebago County					
	Rock River	1	2	0	2
	Olsen Lake	1	1	0	1
	Subtotal	2	3	0	3
Total		72	42	14	95

Fatal Boat Accidents Statistical Summary – Federal Fiscal Year 2019

	DATE/ TIME	DAY OF WEEK	WATER BODY	COUNTY	# INJURED	# VESSELS	PFD USE	CAUSE OF DEATH	AGE	VICTIM ACTIVITY	WEATHER/ VISIBILITY	WATER CONDITIONS	WIND
1	04/19/2019 7:21 PM	Friday	Bangs Lake	Lake	1	1	Yes	Drowning	9	Recreational Cruising	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)
2	5/27/2019 3:29 PM	Monday	Lake Terramere	Cook	0	1	No	Drowning	44	Paddling	Cloudy/ Fair	Calm (Waves Less Than 6")	Moderate (13-24 Mph)
3	6/8/2019 5:30 PM	Saturday	Kankakee River	Kankakee	0	1	No	Drowning	66	Recreational Cruising	Cloudy/ Good	Calm (Waves Less Than 6")	Moderate (13-24 Mph)
4	6/26/2019 2:00 AM	Wednesday	Chicago Sanitary And Ship Canal	Cook	0	1	No	Drowning/ Trauma	47	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
5	6/26/2019 2:00 AM	Wednesday	Chicago Sanitary And Ship Canal	Cook	0	1	Yes	Drowning	32	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
6	6/26/2019 2:00 AM	Wednesday	Chicago Sanitary And Ship Canal	Cook	0	1	No	Drowning/ Trauma	26	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
7	6/26/2019 2:00 AM	Wednesday	Chicago Sanitary And Ship Canal	Cook	0	1	No	Drowning Trauma	40	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
8	6/28/2019 12:36 PM	Friday	Lake Jacksonville	Morgan	0	1	No	Drowning	44	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
9	7/11/2019 1:55 AM	Thursday	Lake Michigan	Cook	1	1	No	Drowning	27	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
10	7/20/2019 12:30 PM	Saturday	Rice Lake	Fulton	0	1	Yes	Drowning	44	Fishing	Clear/ Good	Choppy (Waves 6"-2')	Strong (15-25 Mph)
11	8/03/2019 6:53 PM	Saturday	Mississippi River	Pike	0	1	Yes	Drowning	42	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
12	8/03/2019 6:53 PM	Saturday	Mississippi River	Pike	0	1	No	Drowning	49	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
13	9/01/2019 2:05 PM	Sunday	Benton Lake	Franklin	0	1	No	Drowning	73	Recreational Cruising	Clear/ Good	Calm (Waves Less Than 6")	Light (0-12 Mph)
14	9/06/2019 2:30 PM	Friday	Lake Springfield	Sangamon	0	1	Yes	Drowning	59	Paddling	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)

Fatal Boat Accidents Statistical Summary – Federal Fiscal Year 2019

	TYPE OF ACCIDENT PRIMARY	VESSEL TYPE	VESSEL LENGTH	CAUSE OF ACCIDENT PRIMARY	OPERATOR AGE	OPERATOR EDUCATION	OPERATOR EXPERIENCE	VESSEL OPERATIONS
1	Person Departed Vessel	Paddle Boat	11	Operator Inexperience	9	Other	Less than 10 Hours	Drifting
2	Sinking	Paddle Boat	10	Alcohol and Drug Use	44	None	Less than 10 Hours	Paddling
3	Collision with Fixed Object	Open Motorboat	14	Hazardous Waters	66	None	Over 100 Hours	Cruising
4	Collision with Fixed Object	Open Motorboat	20	Alcohol and Drug Use	47	None	Over 100 Hours	Cruising
5	Collision with Fixed Object	Open Motorboat	20	Alcohol and Drug Use	47	None	Over 100 Hours	Cruising
6	Collision with Fixed Object	Open Motorboat	20	Alcohol and Drug Use	47	None	Over 100 Hours	Cruising
7	Collision with Fixed Object	Open Motorboat	20	Alcohol and Drug Use	47	None	Over 100 Hours	Cruising
8	Ejected from Vessel	Open Motorboat	18	Unknown	44	None	Over 100 Hours	Cruising
9	Collision with Vessel	Cabin Motorboat	24	Alcohol Use	28	Other State	Over 100 Hours	Cruising
10	Capsizing	Kayak	10	Overloading	44	State	10 to 100 Hours	Fishing
11	Collision with Vessel	Pontoon	24	Rope Tangled in Propeller	48	None	10 to 100 Hours	Drifting
12	Collision with Vessel	Pontoon	24	Rope Tangled in Propeller	48	None	10 to 100 Hours	Drifting
13	Capsizing	Personal Watercraft	9	Alcohol Use	35	None	10 to 100 Hours	Cruising
14	Unknown	Kayak	10	Weather	59	None	Over 100	Paddling

Fatal Boat Accident Narratives – Federal Fiscal Year 2019

1. On April 19, 2019 at approximately 7:21 pm, the victim and friend were paddle boating on Bangs Lake off of Lakeview Villa Beach. The victim and his friend had taken the paddleboat without owners' consent. The paddle boat had been placed upside down on the grass at Lakeview Villa Beach by the owner. The victim and his friend took the boat from the grass area and put it into the lake. The victim and friend became scared as the boat moved out into the lake. Both occupants jumped from vessel into the water. The friend was rescued by witnesses. The victim was later recovered by FD Rescue. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
4/19/2019 19:21	1	Operator Inexperience	Weather	

2. On May 27, 2019 at approximately 3:29 pm, Arlington Heights Police Department (AHPD) received a call for a possible drowning at Lake Terramere in Arlington Heights, IL. A paddle boat overturned involving two adults and two children. Upon arrival of AHPD, the primary officer observed a subject giving CPR to the victim on the grass near the shore. The victim was transported to Northwest Community Hospital and later pronounced dead. No other injuries reported from the other passengers. The two adults were not wearing a PFD, but the two children had PFDs on. The two children were pulled out of the water from another paddleboat, while the other surviving adult held on to the working paddle boat as it made its way to shore. The other individual was assisted by kayakers and brought to shore; CPR was begun. The owner of the boat stated he was not aware the boat was taken out on the water and it was still "winterized"; meaning the plugs were removed. The boat was stored in the upright position on land near shore. An inspection of the vessel revealed the paddle boat had two plugs missing from each side of the hull. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
5/27/2019 15:29	1	Alcohol Use	Drug Use	2 Plugs Not In

3. On June 8, 2019 at approximately 5:30 pm the victim and a friend were boating on the Kankakee River near Momence, IL. The victim and friend were traveling Westbound in a dis-tributary channel of the Kankakee River near the victim's summer residence. The passenger of the watercraft stated that the boat motor malfunctioned and stopped running as they approached the shore in front of the victim's residence. When the boat motor stopped, the swift current swept the watercraft downstream. As the boat was being swept downstream the passenger stated the boat spun around approximately three times causing the port side of the watercraft to collide with a large log jam. The log jam was large enough to almost completely block this portion of the dis-tributary channel. The passenger stated that when their watercraft hit the log jam, he and the victim were both thrown to the port side of the watercraft. The collision shifted both passengers body weight to one side of the watercraft causing the watercraft to overturn. The victim, passenger, and victim's dog were thrown into the water. The victim and his dog went under water and failed to re-surface. The passenger was able to grab on to the bottom ribbed portion of the overturned watercraft and yell for help. A friend of the victim was taking a nap inside the cabin. The friend awoke to the sounds of the passenger yelling for help. The friend ran outside and saw the overturned watercraft in the middle of the log jam. He tried to get cell phone service to call for help, but was unsuccessful. At this time a civilian heard the cries for help and happened to be in the area with a kayak. He launched his kayak, and put himself in danger by paddling towards the log jam. He was able to give the passenger his paddle and help pull him to an island South of their residence. Another passerby, arrived on scene shortly after. The passerby was able to load the passenger into his Jon Boat and transport him North, across the channel, back to the victim's residence. The victim and his dog were still unaccounted for at this time. At 10:03 am on June 20, 2019. Illinois Conservation Police discovered the remains of the victim still stuck in the log jam. His remains were discovered less than 10FT from where he entered the water. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
6/8/2019 17:30	1	Hazardous Waters	Machinery Failure	Log Jam in Channel

4. On June 26, 2019 at approximately 2:00 am, four victims were cruising at a high rate of speed on the Chicago Sanitary and Ship Canal, when the vessel collided with a moored barge alongside the canal. All four victims were ejected from the vessel. One of the victims was recovered while wearing a life jacket. The victim was recovered near Forest View Marina. The vessel the victim came from was located with only the bow exposed out of the water near Pulaski Ave, approximately 4 miles upstream. After identifying the victim, it was discovered that there were three other victims unaccounted for. An examination of the vessel indicates that it struck the barge head on and then rolled to the port side. All of the visible damage to paint and clear coat are on the starboard side. A large portion of the vessel's superstructure and decking is missing. A second victim was recovered on June 28, 2019 via side sonar scan. The third victim's body was recovered floating on the surface on June 29, 2019. The final victim's body was recovered on June 30, 2019 floating on the surface. Autopsy reports indicate the first victim had a blood alcohol concentration of 0.233 and had marijuana in his system. His death was ruled a drowning. The second victim had a blood alcohol concentration of 0.217. His death was ruled a drowning due to multiple traumatic injuries. The third victim had a blood alcohol concentration of 0.236 and had marijuana in his system. His death was ruled a drowning due to multiple traumatic injuries. The fourth victim had a blood alcohol concentration of 0.178 and had marijuana & cocaine in his system. His death was ruled a drowning due to multiple traumatic injuries.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
6/26/2019 2:00	4	Alcohol Use	Drug Use	Excessive Speed

5. On June 28, 2019, at approximately 12:36 pm, the victim was cruising on Lake Jacksonville. A witness reported the victim had been seen in the water with a small jon boat circling him with no other occupants. Witness state they heard and saw the victim struggling to swim and screaming for help before they lost sight of him below the water surface. The victim was not wearing a PFD. When Jacksonville Police first arrived on scene. The officer observed a pontoon circling the area looking for the victim. He also observed a female in the jon boat and hailed her to shore. The female had been in the pontoon boat and had jumped into the jon boat which was underway circling to secure it. First responders searched the victim's last known location. At approximately 7:13 am on June 29, 2019 the victim's body was located. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
6/28/2019 12:36	1	Unknown		

6. On July 11, 2019 at approximately 1:55 am, the boat operator, victim, and passenger were traveling North on Lake Michigan. The vessel struck a submerged corrugated steel wall, east of Lake Shore Drive, south of Fullerton Ave. The impact caused one occupant to be ejected from the vessel. The other passenger was thrown from her front left seat position into the cabin of the vessel. The boat began to sink and the operator and passenger were able to exit the vessel and climb to the side of the boat as it capsized. Chicago Fire Dept were able to rescue the passenger and occupant from shore. The passenger that was ejected was located by Chicago Fire Department Marine Unit. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
7/11/2019 1:55	1	Alcohol Use	Careless/Reckless Operation	Operator Inattention

7. On July 20, 2019 at approximately 12:30 pm, the victim and friend launched a 10-foot single-occupant kayak from Rice Lake public boat launch. The victim was seated at the front of the helm of the kayak. The friend was seated on top of the kayak above the helm towards the stern with feet placed behind the victim. The victim was paddling the kayak towards a known fishing location on Rice Lake. The rough water conditions were causing the kayak to become unstable and roll side to side. In addition to the instability created by the wake, the overloading of the single occupant kayak increased the safety risk and consequently the kayak capsized. In doing so, both occupants were ejected from the vessel and into the water on the starboard side. Once in the water, the friend was able to retrieve his PFD and swim/drift towards shore. Once on shore, the friend ran to get help. No PFDs were worn but were present. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
7/20/2019 12:30	1	Overloading	Swimming Ability	Weather

8. On August 3, 2019 at approximately 6:53 pm, a pontoon boat with eight (8) people on board was operating on the Mississippi River pool #22 in the Hannibal, Missouri area. The occupants had just thrown a rope tethered innertube into the water to ride on. When the operator shifted the boat into gear, the propeller tangled the innertubes ski rope into the prop. The engine died immediately. The operator could not raise the engine due to the rope being so tightly wound around the engine's propeller. The boat became disabled while drifting struck a moored barge off of Schuck Island and within seconds capsized and sank. Eight (8) people on board was ejected into the water. Six (6) individuals were rescued by a witness. One victim was pronounced deceased at the hospital. A second, victim was located on August 4, 2019 deceased. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
8/3/2019 18:53	2	Rope Tangled in Propeller		

9. On September 1, 2019, at approximately 2:05 pm a subject was operating a jet ski with the victim behind him on Benton Lake. The operator stated they were operating North bound on the lake when he began to do a 180 degree turn to head back to the victim's house. During this turn, the victim fell off of the jet ski also causing the operator to fall off. The operator got back on to the jet ski and went back to help the victim. The operator was unable to get the victim back on to the jet ski and lost hold of the victim. The victim became submerged in the water and did not resurface. Neither the victim nor the operator was wearing a life jacket. The operator was not wearing the safety cut of lanyard for the jet ski at the time of the incident. The operator had been operating the watercraft under the influence of alcohol, the operator also provided a breath sample of .309%BAC. The operator was arrested for Operating a Watercraft Under the Influence of alcohol, operating a Watercraft Under the Influence of alcohol resulting in great bodily harm, and Reckless Operation of a Watercraft. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
9/1/2019 14:05	1	Alcohol Use	Careless/Reckless Operation	Sharp Turn

10. On September 6, 2019, at approximately 2:30 pm, the victim was kayaking on Lake Springfield. A witness stated she had looked out her window and saw a man in a red kayak. Several minutes later she heard yelling coming from outside her home. The witness and a friend observed an empty red Kayak against the retaining wall in the water. They also observed a yellow lifejacket and a paddle floating in the water approximately 20ft off shore. The witness and friend removed the kayak from the water and called 911. At approximately 5:00 pm, Conservation Police launched a sonar boat. At approximately 5:20 pm conservation police located a target believed to be the victim/owner of the red kayak. At approximately 6:05 pm the victim was located by the diver and pulled from the water. The cause of death was drowning.

Accident Date	Total Deceased	Cause Primary	Cause Secondary	Cause Tertiary
9/6/2019 14:30	1	Weather		