

ILLINOIS RECREATIONAL BOATING REPORT

Federal Fiscal Year October 1, 2019 – September 30, 2020

Department of Natural Resources – Office of Law Enforcement



**Illinois Department of Natural Resources
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Springfield Illinois 62702**

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FOREWORD

Boating Report 2020 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 2020 (FFY20) (10/01/2019 – 09/30/2020), excluding the registered boats, which is based on the calendar year 2020. 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 2020 may be copied freely in the interest of boating safety. For questions and suggestions regarding the 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 2020 (FFY20) (10/01/2019 – 09/30/2020), excluding the registered boats, which is based on the calendar year 2020. 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, 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, or causes injury to any person requiring medical attention beyond first aid 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 (CPOs) 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 onshore 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 2020 Illinois Recreational Boating. Statistical information contained in this report is based on the Federal Fiscal Year 2020 (FFY20), excluding the Certificate of Numbered Vessel Reports, which is based on the calendar year 2020.

Illinois officers investigated 81 reportable boat accidents, which was an increase over FFY 2019 (72). A total of 36 injuries were reported in FFY 2020, which decreased from the previous year (42). A total of 21 fatalities were reported in FFY 2020, increased over the previous period (14), and resulted in some 9.7 deaths per 100,000 registered recreational vessels.

The Illinois Department of Natural Resources Office of Law Enforcement recorded 24,067 personal service hours worked on the Recreational Boating Safety Program, which accounted for 7.4% of total work hours. This was a (39%) decrease from the total hours worked on the program. The Office of Law Enforcement's estimated on the water hours of 15,067 showed a (7%) increase in hours worked on-the-water over the preceding period.

Boating enforcement activity by the Illinois Conservation Police saw an increase in the total number of citations and written warnings issued FFY 2020 from the previous year. Citations increased from 735 to 863 (17%) and written warnings increased from 2,623 to 3,208 (22%). Operating under the influence arrest stayed roughly the same from 103 to 102. Personal floatation devices and operating under the influence remained the top boating violations cited by officers.

The headcount for the Office of Law Enforcement in FFY20 totaled 132 officers. The increase in officers over the last 2 years does not reflect in the enforcement results due to all the extra duties of field officers contributing to the training of 40 new recruits throughout the 2 fiscal years.

The total number of registered boats continues to decline from 229,370 last year to 216,175 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.

21 people died in 17 Illinois boating accidents.

12 fatalities occurred during the week and 9 on the weekend

18 fatalities with clear conditions and 15 with calm waters

The winds were light to moderate (19) with good visibility (19)

In the majority of fatalities, the operators had no formal boat safety education (20).

7 out of 21 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 21 fatalities, 15 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
2020	81	36	21	113	216,175	18	102	863	3,208	24,067
Total	6,240	3,814	1,390	8,374	10,203,396	861	3,731	28,177	65,353	627,929

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
2019	20	404	434	3,546	3,546	3,950
2020	0	0	0	6,007	6,007	6,007
Totals	662	12,448	12,673	42,508	41,225	53,673

* In May 2005 Boat-Ed started

* In June 2010 BoaterExam.com started

** Due To COVID-19 Restrictions, No In-Person Safety Courses Were Offered in 2020



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**

2020 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	14	297	3	0	4	318
Fiberglass	2,927	4,401	195	1	18	7,542
Metal	118	24,276	54	0	2	24,450
Inflatable	15	947	1	0	0	963
Other	76	1,533	17	1	3	1,630
Total	3,150	31,454	270	2	27	34,903
16 to 26 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	184	602	48	0	3	837
Fiberglass	11,696	22,363	19,506	51	298	53,914
Metal	640	81,165	629	0	27	82,461
Inflatable	28	111	19	0	0	158
Other	41	322	45	0	2	410
Total	12,589	04,563	20,247	51	330	137,780
26 to 40 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	20	11	11	3	2	47
Fiberglass	2,426	413	3,766	767	75	7,447
Metal	99	1,269	142	0	0	1,510
Inflatable	2	4	4	1	0	11
Other	6	8	7	1	1	23
Total	2,553	1,705	3,930	772	78	9,038
40 to 65 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	11	1	1	3	0	16
Fiberglass	681	11	97	125	1	915
Metal	72	44	58	1	0	175
Inflatable	0	0	0	0	0	0
Other	2	1	1	0	0	4
Total	766	57	157	129	1	1110
Over 65 Feet						
Hull Material	Power			Auxiliary Sail		Total
	Inboard	Outboard	Sterndrive	Inboard	Outboard	
Wood	1	0	0	0	0	1
Fiberglass	15	0	0	0	0	15
Metal	27	2	17	2	0	48
Inflatable	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total	43	2	17	2	0	64

2020 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	230	911	63	6	2	1,212
Fiberglass	17,745	27,188	23,564	944	392	69,833
Metal	956	106,756	900	3	29	108,644
Inflatable	45	1,062	24	1	0	1,132
Other	125	1,864	70	2	6	2,067
Total	19,101	137,781	24,621	956	436	182,888
Other Boats						
Hull Material	Not Mechanically Propelled			Personal Watercraft	Other Boats	Total
	Rowboats	Sailboats	Canoes/ Kayaks			
Wood	48	68	21	29	28	194
Fiberglass	1,482	1,960	305	19,300	1,230	24,277
Metal	3,959	29	398	75	1,061	5,522
Inflatable	66	12	28	33	181	320
Other	649	145	810	483	880	2,967
Total	6,204	2,214	1,562	19,920	3,380	33,280
	9,980					
Total Number of Registered Boats					216,175	

BOATING ENFORCEMENT

Top Boating Violations

Top Citations	
Type of Boating Violations	Citations
Wearable PFD (Type I, II, Or III Required)	130
Under the Influence of Alcohol	113
PFD Age Requirement. Less Than 13 Years Old Must Wear PFD	99
Personal Flotation Devices	82
Operating with BAC Over .08	76
Operation of Unnumbered Watercraft	55
Operation in No Wake Area	29
Fire Extinguisher	24
License Required-Passenger for Hire/Boat Rental	23
Operating W/Out Proper Lights Between Sunset/Sunrise	21
Registration/Per Article III	20
Failure to Transfer Certificate of Number	17
Restricted Area, No Wake W/In 150 Feet of Public Ramp	17
Failure to Display Valid Registration Decal	16
Lanyard Cut-off Switch	14
Careless Operation	13
Operation of PWC Between the Hours of Sunset/Sunrise	12
Total Number of Citations Issued	863

Top Written Warnings	
Type of Boating Violations	Written Warnings
Battery Covers	589
Personal Flotation Devices	557
Operation of Unnumbered Watercraft	367
Fire Extinguisher	339
Operation of Motorboat Without Horn or Whistle	268
Type IV PFD On Board (16 Feet and Over)	195
Lanyard Cut-Off Switch	189
Operation in No Wake Area	147
Passenger Location	87
Operating W/Out Proper Lights Between Sunset/Sunrise	79
Restricted Area, No Wake W/In 150 Feet of Public Ramp	62
Displaying Orange Flag While Towing Person	59
Failure to Display, Improper Display of Registration Number	50
Failure to Display Valid Registration Decal	27
Total Number of Written Warnings Issued	3208

Boat Citations

Chapter / Act / Section	# Issued	Violation
625 45 2-4A	5	Resistance to Officers
625 45 2-4B	3	Failure to Obey Direction of Police Officer
625 45 3-1	55	Operation of Unnumbered Watercraft
625 45 3-1.5	0	No Water Usage Stamp (Non-Powered Watercraft)
625 45 3-3	6	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	17	Failure to Transfer Certificate of Number
625 45 3-7	0	Loss of Certificate of Number/Registration Decal
625 45 3-9	16	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	1	Alter, Forge or Counterfeit Manufacturer's or Importer's Certificate
625 45 3A-21F	0	Possess, Buy, Receive, Sell Boat W/Out HIN
625 45 3C-1A	2	Abandoning A Watercraft
625 45 4-1	82	Personal Flotation Devices
625 45 4-1A	130	Wearable PFD (Type I, II, Or III Required)
625 45 4-1B	7	Personal Watercraft – PFD Must Be Worn
625 45 4-1C	6	Type IV PFD On Board (16 Feet and Over)
625 45 4-1D	2	Type V PFD Approved for Activity Used
625 45 4-1E	0	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	1	PFDs Appropriate Size
625 45 4-1F4	0	PFDs Legibly Marked with USCG Number
625 45 4-1I	99	PFD Age Requirement. Less Than 13 Years Old Must Wear PFD
625 45 4-2	21	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	24	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	14	Lanyard Cut-Off Switch
625 45 4-12	0	Visual Distress Signals
625 45 5-1	13	Careless Operation
625 45 5-2A	2	Reckless Operation/Aggravated Reckless Operation
625 45 5-2B	1	Reckless Operation with Great Bodily Harm

Chapter / Act / Section	# Issued	Violation
625 45 5-3	0	Interference with Navigation
625 45 5-4A	5	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	17	Restricted Area, No Wake W/In 150 Feet of Public Ramp
625 45 5-12	29	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	Right of Way Violation
625 45 5-14	4	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	0	Displaying Orange Flag While Towing Person
625 45 5-16A 1	0	Operating Under the Influence Alcohol/Drugs
625 45 5-16A 1 a	76	Operating with BAC Over .08
625 45 5-16A 1 b	113	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	10	Youthful Operators
625 45 5-18G 1	3	Failure to show safety certificate
625 45 5-19	0	Skin Diving 150ft Shoreline/Diver's Flag
625 45 5-20	12	Operation of PWC Between the Hours of Sunset/Sunrise
625 45 5-21	11	Passenger Location
625 45 5-22B	1	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	0	Failure to Report Accident Within 1 Hour
625 45 7-1	23	License Required-Passenger for Hire/Boat Rental
625 45 7-7	0	License/Tag/Weight Fail to Display/Rental Boat
625 45 7-8	2	Livery-Failure of Owner to Provide Safety Equip
625 45 7-9	20	Registration/Per Article III
625 45 7-10	2	Unlawful Rental Of Pwc
625 45 11A-1	3	Catch-All For Violations Of Boat Code & Authority For Ad Rules.
TOTAL VIOLATIONS	863	

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	367	Operation of Unnumbered Watercraft
625 45 3-1.5	7	No Water Usage Stamp (Non-Powered Watercraft)
625 45 3-3	50	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	22	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	27	Failure to Display Valid Registration Decal
625 45 3-11	0	Falsify/Alter Certificate of Number or Water Usage Stamp
625 45 3-13	1	Failure to Attach HIN To Watercraft
625 45 3A-12	1	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-19	1	Failure to surrender title to Department for Junk or salvaged watercraft
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	1	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	557	Personal Floatation Devices
625 45 4-1A	9	Wearable PFD (Type I, II, Or III Required)
625 45 4-1B	0	Personal Watercraft – PFD Must Be Worn
625 45 4-1C	195	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	5	Water skier, aquaplanes, etc.
625 45 4-1F1	0	PFDs Accessible
625 45 4-1F2	2	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	25	PFD Age Requirement. Less Than 13 Years Old Must Wear PFD
625 45 4-2	79	Operating W/Out Proper Lights Between Sunset/Sunrise
625 45 4-3A	1	Failure to Equip Boat W/Muffler System
625 45 4-3B	1	Mufflers-Exceeding Noise Level
625 45 4-4	268	Operation of Motorboat Without Horn or Whistle
625 45 4-5	339	Fire Extinguisher
625 45 4-6	2	Carburetor Arrestor
625 45 4-7	0	Ventilators
625 45 4-8	1	Sirens and flashing lights-Unlawful use

Chapter / Act / Section	# Issued	Violation
625 45 4-10	589	Battery Covers
625 45 4-11	189	Lanyard Cut-Off Switch
625 45 4-12	11	Visual Distress Signals
625 45 5-1	6	Careless Operation
625 45 5-2	0	Reckless Operation/Aggravated Reckless Operation
625 45 5-2A	2	Reckless Operation of Watercraft
625 45 5-2B	1	Reckless Operation with Great Bodily Harm
625 45 5-3	1	Interference with Navigation
625 45 5-4A	26	Overloading Motorboat
625 45 5-4B	0	Capacity Plate
625 45 5-5	0	Incapacity of Operator
625 45 5-6	1	Overpowering
625 45 5-7	62	Restricted Area, No Wake W/In 150 Feet of Public Ramp
625 45 5-12	147	Operation in No Wake Area
625 45 5-13A	1	Passing
625 45 5-13B	1	Crossing
625 45 5-13C	1	Overtaking
625 45 5-13D	0	Sailboats and Rowboats
625 45 5-14	17	Waterskiing
625 45 5-14A	12	Competent Observer, Vessel Capacity-3 Persons
625 45 5-14B	0	Hours for Skiing
625 45 5-14E	59	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	17	Youthful Operators
625 45 5-19	0	Skin Diving 150ft Shoreline/Diver's Flag
625 45 5-20	2	Operation of PWC Between the Hours of Sunset/Sunrise
625 45 5-21	87	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	2	Failure to Report Accident Within 1 Hour
625 45 7-1	1	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 7-10	4	Unlawful renting of PWC
625 45 11A-1	5	Catch-all for violations of boat code & authority for ad rules.

TOTAL VIOLATIONS 3208

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
2020	21	32	30	26	16	125
Total	448	841	257	380	205	2,131

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
2020	11,700	233	355	863	3,208	24,067
Total	200,955	5,097	14,642	18,039	57,160	459,379

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
2020	39	19	9	15	20	15	117	102
Total	680	639	403	384	466	729	3302	2572

Boating Accidents and Alcohol/Drug Use

Year	OUI Arrests	Injuries			Fatalities			Vessels		
	Total Number of OUI Arrests	Primary Cause Alcohol/Drug Use	Total Number of Injuries	Percentage Involving Alcohol/Drug use	Primary Cause Alcohol/Drug Use	Total Number of Fatalities	Percentage involving Alcohol/Drug Use	Primary Cause Alcohol/Drug Use	Total Number of Vessels	Percentage Involving Alcohol/Drug 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%
2020	117	3	36	12.00%	7	21	33.33%	10	113	8.85%
Total	4180	116	1287	9.01%	90	341	26.40%	205	2768	7.40%

Recreational Boat Accident Report

Statistical information contained in this report is based on the Federal Fiscal Year 2020 (FFY20) (10/01/2019 – 09/30/2020), excluding the registered boats, which is based on the calendar year 2020.

Total Number of Accidents	Total Number of Injuries	Total Number of Fatalities	Total Number of Vessels	Total Number of Registered Boats
81	36	21	113	216,175
Number of Accidents per 100,000 Registered Boats		Number of Injuries per 100,000 Registered Boats		Number of Fatalities per 100,000 Registered Boats
37.5		16.7		9.7

Fatalities--Cause of Death

Boating Fatalities		
Cause of Death	Number of Fatalities	Percent of Fatalities
Drowning	18	85.7%
Medical	1	4.8%
Trauma	2	9.5%
Totals	21	100%

Fatalities -- Life Jacket Use

Status	Number of Fatalities	Percent of Fatalities
Life Jacket Worn	6	28.6%
Life Jacket Not Worn	15	71.4%
Totals	21	100%

Fatalities -- Cause of Death and Life Jacket Use

Cause of Death	Life Jacket Use Status		
	Worn	Not Worn	Unknown
Drowning	4	14	0
Medical	0	1	0
Trauma	2	0	0
Totals	6	15	0

Fatalities -- Victim Activity

Victim Activity	Boating Fatalities	
	Number of Fatalities	Percent of Fatalities
Fishing	10	47.6%
Recreational Cruising	4	19.0%
Sleeping	1	4.8%
Swimming	4	19.0%
Urinating	1	4.8%
Unknown	1	4.8%
Totals	21	100%

Fatalities -- Vessel Type

Boating Fatalities		
Vessel Type	Number of Fatalities	Percent of Fatalities
Canoe	2	9.5%
Open Motorboat	17	81.0%
Pontoon Boat	2	9.5%
Totals	21	100%

Fatalities -- Vessel Type and Life Jacket Use

Vessel Type	Life Jacket Use Status		
	Worn	Not Worn	Unknown
Canoe	1	1	0
Open Motorboat	5	12	0
Pontoon Boat	0	2	0
Totals	6	15	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	5	3	0	Diving/Swimming	1	2.7%
Fire	0	1	0	Fishing	4	11.1%
Impact with Boat	5	4	0	Hunting	3	8.3%
Impact with Fixed / Floating Object	2	3	0	Recreational Cruising	21	58.3%
Impact with Water	5	0	0	Repairs	1	2.7%
Struck by Boat	2	1	0	Skiing/Tubing	6	16.7%
Struck by Propeller	3	2	0	Totals	36	100%
Totals	22	14	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	2	5.6%	Exposure to Elements	8	22.2%
Broken Bones	9	25.0%	Fire	1	2.8%
Burns	1	2.7%	Impact with Boat	9	25.0%
Contusion	1	2.7%	Impact with Fixed / Floating Object	5	13.9%
Head Injury	2	5.6%	Impact with Water	5	13.9%
Hypothermia	6	16.7%	Struck by Boat	3	8.3%
Internal Injuries	1	2.7%	Struck by Propeller	5	13.9%
Laceration	9	25.0%	Totals	36	100%
Other	1	2.7%			
Sprain/Strain	3	8.3%			
Teeth	1	2.7%			
Totals	36	100%			

Accidents by Month (10/01/2019 – 09/30/2020)

<u>Month</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
October 2019	2	0	1	3
November 2019	2	3	2	2
December 2019	1	0	0	2
January 2020	1	0	0	1
February 2020	0	0	0	0
March 2020	0	0	0	0
April 2020	0	0	0	0
May 2020	7	6	3	7
June 2020	19	7	4	27
July 2020	22	14	5	35
August 2020	20	5	2	27
September 2020	7	1	4	9
Total	81	36	21	113

Accidents by Day of Week

<u>Day of Week</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Sunday	23	18	5	33
Monday	7	0	3	9
Tuesday	8	4	1	10
Wednesday	6	0	4	10
Thursday	8	1	3	12
Friday	9	4	1	13
Saturday	20	9	4	26
Total	81	36	21	113

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.	6	3	0	7
6:01 A.M. - 12:00 P.M.	20	7	7	27
12:01 P.M. - 6:00 P.M.	38	20	12	50
6:01 P.M. - 12:00 A.M.	17	6	2	29
Total	81	36	21	113

Accidents by Water Conditions

<u>Water</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Calm (Waves Less Than 6")	51	27	15	75
Choppy (Waves 6"- 2')	29	9	6	37
Unknown	1	0	0	1
Total	81	36	21	113

Accidents by Weather Conditions

<u>Weather</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Clear	69	28	18	98
Cloudy	8	7	1	11
Fog	1	0	2	1
Rain	1	1	0	1
Thunderstorm	1	0	0	1
Unknown	1	0	0	1
Total	81	36	21	113

Accidents by Wind Conditions

<u>Wind</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Light (0-12 Mph)	58	26	16	86
Moderate (13-24 Mph)	16	7	3	20
Strong (25-54 Mph)	5	3	2	5
Stormy (Over 55 Mph)	1	0	0	1
Unknown	1	0	0	1
Total	81	36	21	113

Accidents by Visibility

<u>Visibility</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Fair	2	1	0	3
Good	75	35	19	106
Poor	3	0	2	3
Unknown	1	0	0	1
Total	81	36	21	113

Accident Causes/Contributing Factors (Primary Cause/Factor)

Primary Cause	# Injuries	#Fatalities	#Vessels
Alcohol/Drug Use	3	7	10
Careless/Reckless Operation	6	0	13
Cold Water Immersion	5	2	3
Dam/Lock	0	0	3
Departed Vessel Voluntarily	2	1	4
Did Not Contribute	2	0	18
Equipment Failure	1	0	3
Excessive Speed	1	0	2
Force of Wake	0	1	7
Hull Failure	0	0	1
Ignition of Spilled Fuel or Vapors	1	0	2
Improper Anchoring	0	2	1
Lack Of / Improper Boat Lights	0	0	1
Machinery Failure	2	2	2
Off-Throttle Steering	3	0	5
Operator Inattention	0	0	1
Operator Inexperience	6	1	8
Other-Hit and Run	0	0	2
Overloading	0	1	1
Passenger/Skier Behavior	3	0	3
Restricted Vision	0	0	4
Rules of Road Infraction	0	0	5
Sharp Turn	0	0	1
Standing/Sitting in Inappropriate Position	0	2	2
Sudden Medical Condition	0	1	1
Unknown	1	1	5
Weather	0	0	4
Total	36	21	113

Accident Types (Primary Type)

<u>Type of Accident</u>	<u># Injuries</u>	<u># Fatalities</u>	<u>#Vessels</u>
Capsizing	2	5	5
Collision with Another Vessel	6	0	48
Collision with Fixed Object	8	0	8
Collision with Floating Object	0	1	5
Falls Overboard	1	4	5
Fire or Explosion (Fuel)	1	0	3
Fire or Explosion (Other Than Fuel)	0	0	1
Flooding/Swamping	0	0	3
Grounding	1	0	2
Person Departed Vessel	2	7	8
Person Ejected from A Vessel	3	1	3
Sinking	4	0	3
Skier Mishap	3	0	3
Struck by Boat	2	0	3
Struck by Motor or Propeller	3	0	3
Struck Submerged Object	0	0	2
Unknown	0	3	6
Total	36	21	113

Accidents by Vessel Type

<u>Type of Vessel</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Cabin Motorboat	1	0	18
Canoe	0	2	2
Open Motorboat	16	17	54
Personal Watercraft	12	0	21
Pontoon Boat	5	2	14
Raft	2	0	1
Tow Boat	0	0	1
Unknown	0	0	2
Total	36	21	113

Vessel Operation at Time of Accident

<u>Vessel Operation</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
At Anchor	2	2	5
Changing Direction	2	0	5
Changing Speed	7	1	8
Changing Speed, Changing Direction	4	0	5
Changing Speed, Cruising	2	0	2
Changing Speed, Docking/Undocking	0	0	1
Cruising	5	6	40
Cruising, Changing Direction	5	0	4
Docking/Undocking	0	0	5
Drifting	6	8	13
Launching	0	0	2
Other-Beaching	0	0	1
Other-Not Moving in Lock	0	0	1
Other-Testing Motor	1	0	1
Other-Unknown	0	4	5
Rowing/Paddling	2	0	1
Tied to Dock / Mooring	0	0	11
Towing Another Vessel	0	0	1
Wake or Surf Jumping	0	0	1
Total	36	21	113

Accidents by Vessel Length

<u>Vessel Length in Feet</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Unknown	1	0	3
Less Than 16 Feet	17	9	28
16 Feet To < 26 Feet	14	10	63
26 Feet To < 40 Feet	4	2	16
40 Feet To 65 Feet	0	0	2
> 65 Feet	0	0	1
Total	36	21	113

Operator Boating Safety Education

<u>Operator Education</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
State Course	2	1	16
U.S.C.G. Auxiliary	0	0	2
None	26	15	59
Unknown	8	5	36
Total	36	21	113

Operator's Overall Boating Experience (in Hours)

<u>Operator Experience</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Under 10 hours	8	5	19
10 - 100 hours	15	6	27
Over 100 hours	11	7	44
Unknown	2	3	23
Total	36	21	113

Accidents by Operator Age

<u>Operator Age</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
0 To 10 Years	1	0	1
11 To 20 Years	11	0	10
21 To 30 Years	15	6	25
31 To 40 Years	2	1	21
41 To 50 Years	3	3	12
51 To 60 Years	1	3	12
61 To 70 Years	2	5	11
71 To 80 Years	0	3	5
81 Years or More	0	0	1
Unknown	1	0	15
Total	36	21	113

ACCIDENT STATISTICS BY BODY OF WATER

Body of Water	# Accidents	# Injuries	# Fatalities	# Vessels
Apple Canyon Lake	1	0	0	2
Bangs Lake	1	0	0	3
Braidwood Lake	1	0	0	2
Carlyle Lake	2	0	0	4
Chicago River	1	0	1	2
Clinton Lake	2	0	0	2
Forbes Lake	1	0	1	1
Fox Lake	2	0	0	5
Fox River	3	3	0	4
Gages Lake	1	0	0	2
Illinois River	8	8	2	10
Kankakee River	3	0	2	3
Kaskaskia River	1	5	0	1
Kinkaid Lake	2	2	0	3
Lake Decatur	3	3	0	5
Lake Hamilton	1	0	1	1
Lake Holiday	2	0	0	3
Lake Jacksonville	1	1	0	1
Lake Marie	2	1	0	2
Lake Michigan	12	1	3	19
Lake Mingo	1	0	1	1
Lake of Egypt	1	0	0	1
Lake Sara	1	0	0	1
Lake Shelbyville	2	0	0	3
Lake Springfield	1	1	0	1
Lake Summerset	1	0	1	1
McCullum Lake	1	1	0	1
Mississippi River	3	1	1	5
Nippersink Lake	1	0	0	1
Pistakee Lake	2	0	0	2
Private Lake	1	1	0	1
Rend Lake	6	2	1	8
Rock River	6	3	4	8
Shovel Lake	1	0	1	1
Spoon Lake	1	1	0	1
T Lake	1	0	2	1
Vermilion River	1	2	0	1
Total	81	36	21	113

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	0	0	3
	Subtotal	1	1	1	1
Braidwood Lake					
	Will County	1	0	0	2
	Subtotal	1	0	0	2
Carlyle Lake					
	Clinton County	2	0	0	4
	Subtotal	2	0	0	4
Chicago River					
	Cook County	1	0	1	2
	Subtotal	1	0	1	2
Clinton Lake					
	DeWitt County	2	0	0	2
	Subtotal	2	0	0	2
Forbes Lake					
	Marion County	1	0	1	1
	Subtotal	1	0	1	1
Fox Lake					
	Lake County	2	0	0	5
	Subtotal	2	0	0	5
Fox River					
	Kane County	2	2	0	2
	McHenry County	1	1	0	2
	Subtotal	3	3	0	4
Gages Lake					
	Lake County	1	0	0	2
	Subtotal	1	0	0	2
Illinois River					
	Jersey County	2	2	1	3
	LaSalle County	3	5	0	3
	Mason County	1	1	0	1
	Putnam County	2	0	1	3
	Subtotal	8	8	2	10
Kankakee River					
	Kankakee County	2	0	2	2
	Will County	1	0	0	1
	Subtotal	3	0	2	3

Body of Water Broken Down by County

Waterway	#Accidents	#Injuries	#Fatalities	#Vessels
Kaskaskia River				
Clinton County	1	5	0	1
Subtotal	1	5	0	1
Kinkaid Lake				
Jackson County	2	2	0	3
Subtotal	2	2	0	3
Lake Decatur				
Macon County	3	3	0	5
Subtotal	3	3	0	5
Lake Hamilton				
Franklin County	1	0	1	1
Subtotal	1	0	1	1
Lake Holiday				
LaSalle County	2	0	0	3
Subtotal	2	0	0	3
Lake Jacksonville				
Morgan County	1	1	0	1
Subtotal	1	1	0	1
Lake Marie				
Lake County	2	1	0	2
Subtotal	2	1	0	2
Lake Michigan				
Cook County	12	1	3	19
Subtotal	12	1	3	19
Lake Mingo				
Vermillion	1	0	1	1
Subtotal	1	0	1	1
Lake of Egypt				
Williamson County	1	0	0	1
Subtotal	1	0	0	1
Lake Sara				
Effingham County	1	0	0	1
Subtotal	1	0	0	1
Lake Shelbyville				
Shelby County	2	0	0	3
Subtotal	2	0	0	3
Lake Springfield				
Sangamon County	1	1	0	1
Subtotal	1	1	0	1
Lake Summerset				
Winnebago County	1	0	1	1
Subtotal	1	0	1	1
McCullum Lake				
McHenry 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>
Mississippi River				
Calhoun County	1	0	1	1
Rock Island County	2	1	0	4
Subtotal	3	1	1	5
Nippersink Lake				
Lake County	1	0	0	1
Subtotal	1	0	0	2
Pistakee Lake				
Lake County	1	0	0	1
McHenry County	1	0	0	1
Subtotal	2	0	0	2
Private Lake				
Knox County	1	1	0	1
Subtotal	1	1	0	1
Rend Lake				
Franklin County	5	2	1	7
Jefferson County	1	0	0	1
Subtotal	6	2	1	7
Rock River				
Lee County	1	1	0	2
Ogle County	2	0	2	2
Rock Island County	1	2	2	1
Winnebago County	2	0	0	3
Subtotal	6	3	4	8
Shovel Lake				
Fulton County	1	0	1	1
Subtotal	1	0	1	1
Spoon Lake				
Knox County	1	1	0	1
Subtotal	1	1	0	1
T Lake				
Knox County	1	0	2	1
Subtotal	1	0	2	1
Vermillion River				
LaSalle County	1	2	0	1
Subtotal	1	2	0	1
Total	81	36	21	113

ACCIDENT STATISTICS BY COUNTY

<u>County</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Calhoun	1	0	1	1
Clinton	3	5	0	5
Cook	13	1	4	21
De Witt	2	0	0	2
Effingham	1	0	0	1
Franklin	6	2	2	8
Fulton	1	0	1	1
Jackson	2	2	0	3
Jefferson	1	0	0	1
Jersey	2	2	1	3
Jo Daviess	1	0	0	2
Kane	2	2	0	2
Kankakee	2	0	2	2
Knox	3	2	2	3
La Salle	6	7	0	7
Lake	8	1	0	14
Lee	1	1	0	2
Macon	3	3	0	5
Marion	1	0	1	1
Mason	1	1	0	1
McHenry	3	2	0	4
Morgan	1	1	0	1
Ogle	2	0	2	2
Putnam	2	0	1	3
Rock Island	3	3	2	5
Sangamon	1	1	0	1
Shelby	2	0	0	3
Vermilion	1	0	1	1
Will	2	0	0	3
Williamson	1	0	0	1
Winnebago	3	0	1	4
Totals	81	36	21	113

Counties Broken Down by Body of Water

<u>County</u>		<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Calhoun County					
	Mississippi River	1	0	1	1
	Subtotal	1	0	1	1
Clinton County					
	Carlyle Lake	2	0	0	4
	Kaskaskia River	1	5	0	1
	Subtotal	3	5	0	5
Cook County					
	Chicago River	1	0	1	2
	Lake Michigan	12	1	3	19
	Subtotal	13	1	4	21
DeWitt County					
	Clinton Lake	2	0	0	2
	Subtotal	2	0	0	2
Effingham County					
	Lake Sara	1	0	0	1
	Subtotal	1	0	0	1
Franklin County					
	Lake Hamilton	1	0	1	1
	Rend Lake	5	2	1	7
	Subtotal	6	2	2	8
Fulton County					
	Shovel Lake	1	0	1	1
	Subtotal	1	0	1	1
Jackson County					
	Kinkaid Lake	2	2	0	3
	Subtotal	2	2	0	3
Jefferson County					
	Rend Lake	1	0	0	1
	Subtotal	1	0	0	1
Jersey County					
	Illinois River	2	2	1	3
	Subtotal	2	2	1	3
Jo Daviess County					
	Apple Canyon Lake	1	0	0	2
	Subtotal	1	0	0	2
Kane County					
	Fox River	2	2	0	2
	Subtotal	2	2	0	2

Counties Broken Down by Body of Water

<u>County</u>	<u>#Accidents</u>	<u>#Injuries</u>	<u>#Fatalities</u>	<u>#Vessels</u>
Kankakee County				
Kankakee River	2	0	2	2
Subtotal	2	0	2	2
Knox County				
Private Lake	1	1	0	1
Spoon Lake	1	1	0	1
T Lake	1	0	2	1
Subtotal	3	2	2	3
Kendall County				
Fox River	1	1	0	1
Subtotal	1	1	0	1
Lake County				
Bangs Lake	1	0	0	3
Fox Lake	2	0	0	5
Gages Lake	1	0	0	2
Lake Marie	2	1	0	2
Nippersink Lake	1	0	0	1
Pistakee Lake	1	0	0	1
Subtotal	8	1	0	14
LaSalle County				
Lake Holiday	2	0	0	3
Illinois River	3	5	0	3
Vermillion River	1	2	0	1
Subtotal	6	7	0	7
Lee County				
Rock River	1	1	0	2
Subtotal	1	1	0	2
Macon County				
Lake Decatur	3	3	0	5
Subtotal	3	3	0	5
Marion County				
Forbes Lake	1	0	1	1
Subtotal	1	0	1	1
Mason County				
Illinois River	1	1	0	1
Subtotal	1	1	0	1
McHenry County				
Fox River	1	1	0	2
McCullum Lake	1	1	0	1
Pistakee Lake	1	0	0	1
Subtotal	3	2	0	4

Counties Broken Down by Body of Water					
County		#Accidents	#Injuries	#Fatalities	#Vessels
Morgan County					
	Lake Jacksonville	1	1	0	1
	Subtotal	1	1	0	1
Ogle County					
	Rock River	2	0	2	2
	Subtotal	2	0	2	2
Putnam County					
	Illinois River	2	0	2	2
	Subtotal	2	0	2	2
Rock Island County					
	Mississippi River	2	1	0	4
	Rock River	1	2	2	1
	Subtotal	3	3	2	5
Sangamon County					
	Lake Springfield	1	1	0	1
	Subtotal	1	1	0	1
Shelby County					
	Lake Shelbyville	2	0	0	3
	Subtotal	2	0	0	3
Vermillion County					
	Lake Mingo	1	0	1	1
	Subtotal	1	0	1	1
Will County					
	Braidwood Lake	1	0	0	2
	Kankakee River	1	0	0	1
	Subtotal	2	0	0	3
Williamson County					
	Lake of Egypt	1	0	0	1
	Subtotal	1	0	0	1
Winnebago County					
	Lake Summerset	1	0	1	1
	Rock River	2	0	0	3
	Subtotal	3	0	1	4
Total		81	36	21	113

Fatal Boat Accidents Statistical Summary – Federal Fiscal Year 2020

Accident Number	Fatality Number	Date/Time	Day of Week	Water Body	County	# Injured	# Vessels	PFD Use	Cause of Death	Age	Victim Activity	Weather/Visibility	Water Conditions	Wind Conditions
1	1	10/25/2019 4:48 PM	Friday	Illinois River	Putnam	0	1	No	Drowning	54	Sleeping	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
2	2	11/20/2019 9:57 AM	Wednesday	Rock River	Ogle	0	1	No	Drowning	33	Fishing	Fog/ Poor	Calm (Waves < 6")	Light (0-12 Mph)
	No							Drowning	64	Fishing				
3	4	5/7/2020 2:02 PM	Thursday	Kankakee River	Kankakee	0	1	No	Drowning	42	Fishing	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
	No							Drowning	41	Fishing				
4	6	5/13/2020 11:30 AM	Wednesday	Lake Hamilton	Franklin	0	1	No	Drowning	57	Fishing	Cloudy/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)
5	7	6/2/2020 2:00 PM	Tuesday	Lake Michigan	Cook	0	1	No	Drowning	72	Unknown	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
6	8	6/11/2020 4:03 PM	Thursday	Mississippi River	Calhoun	0	1	Yes	Trauma	60	Recreational Cruising	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)
7	9	6/14/2020 1:20 PM	Sunday	Rock River	Rock Island	2	1	Yes	Drowning	21	Fishing	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
	Yes							Trauma	16	Fishing				
8	11	7/6/2020 5:08 PM	Monday	Rend Lake	Franklin	0	1	No	Drowning	37	Recreational Cruising	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
9	12	7/6/2020 9:30 PM	Monday	Lake Michigan	Cook	0	1	No	Drowning	24	Swimming	Clear/ Good	Choppy (Waves 6"-2')	Moderate (13-24 Mph)
10	13	7/11/2020 5:57 PM	Saturday	Illinois River	Jersey	0	1	No	Drowning	65	Recreational Cruising	Clear/ Good	Choppy (Waves 6"-2')	Light (0-12 Mph)
11	14	7/12/2020 9:15 AM	Sunday	Shovel Lake	Fulton	0	1	No	Drowning	66	Fishing	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
12	15	7/22/2020 6:30 PM	Wednesday	Chicago River	Cook	0	2	Yes	Drowning	5	Recreational Cruising	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
13	16	8/02/2020 12:34 PM	Sunday	Lake Mingo	Vermillion	0	1	No	Drowning	23	Fishing	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
14	17	8/30/2020 6:00 PM	Sunday	Lake Michigan	Cook	0	1	No	Drowning	32	Swimming	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
15	18	9/7/2020 5:28 PM	Monday	Lake Summerset	Winnebago	0	1	No	Drowning	65	Urinating	Clear/ Good	Choppy (Waves 6"-2')	Strong (> 25 Mph)
16	19	9/19/2020 12:00 PM	Saturday	T Lake	Knox	0	1	No	Drowning	40	Swimming	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)
	No							Drowning	26	Swimming				
17	21	9/26/2020 9:30 AM	Saturday	Forbes Lake	Marion	0	1	No	Drowning	78	Fishing	Clear/ Good	Calm (Waves < 6")	Light (0-12 Mph)

Fatal Boat Accidents Statistical Summary – Federal Fiscal Year 2020

Accident Number	Fatality Number	Date/ Time	Type of Accident Primary	Vessel Type	Vessel Length	Cause of Accident Primary	Operator Age	Operator Education	Operator Experience	Vessel Operations
1	1	10/25/2019 4:48 PM	Collision with Floating Object	Open Motorboat	17	Alcohol/Drug Use	48	None	10 to 100 Hours	Cruising
2	2/3	11/20/2019 9:57 AM	Unknown	Open Motorboat	14	Cold Water Immersion	64	Unknown	Unknown	Unknown
3	4/5	5/7/2020 2:02 PM	Capsizing	Open Motorboat	15	Improper Anchoring	42	None	10 to 100 Hours	At Anchor
4	6	5/13/2020 11:30 AM	Falls Overboard	Canoe	16	Alcohol/Drug Use	57	None	Under 10 Hours	Unknown
5	7	6/2/2020 6:00 PM	Unknown	Canoe	14	Unknown	72	Unknown	Unknown	Unknown
6	8	6/11/2020 4:03 PM	Ejected from Vessel	Open Motorboat	21	Force of Wake	60	Other State	Over 100 Hours	Cruising
7	9/10	6/14/2020 1:20 PM	Capsizing	Open Motorboat	14	Machinery Failure	27	None	Over 100 Hours	Fishing
8	11	7/6/2020 5:08 PM	Departed Vessel Voluntarily	Open Motorboat	20	Alcohol/Drug Use	19	None	Over 100 Hours	Changing Speed
9	12	7/6/2020 9:30 PM	Departed Vessel Voluntarily	Open Motorboat	28	Operator Inexperience	37	None	10 to 100 Hours	Drifting
10	13	7/11/2020 5:57 PM	Falls Overboard	Pontoon Boat	25	Alcohol/Drug Use	58	None	Under 10 Hours	Cruising
11	14	7/12/2020 9:15 AM	Falls Overboard	Open Motorboat	16	Standing/Sitting in Inappropriate Position	66	None	Over 100 Hours	Cruising
12	15	7/22/2020 6:30 PM	Capsizing	Open Motorboat	16	Overloading	27	None	Unknown	Cruising
13	16	8/02/2020 12:34 PM	Falls Overboard	Open Motorboat	18	Sudden Medical Condition	23	None	Under 10 Hours	Trolling
14	17	8/30/2020 6:00 PM	Departed Vessel Voluntarily	Pontoon Boat	35	Alcohol/Drug Use	71	None	Over 100 Hours	Cruising
15	18	9/7/2020 5:28 PM	Departed Vessel Voluntarily	Open Motorboat	16	Departed Vessel Voluntarily	65	None	10-100 Hours	Drifting
16	19/20	9/19/2020 12:00 PM	Departed Vessel Voluntarily	Open Motorboat	14	Alcohol/Drug Use	30	None	Under 10 Hours	Drifting
17	21	9/26/2020 9:30 AM	Falls Overboard	Open Motorboat	16	Standing/Sitting in Inappropriate Position	78	None	Over 100 Hours	Stationary

Fatal Boat Accident Narratives – Federal Fiscal Year 2020

- 1) On October 25, 2019, at approximately 4:48 PM the victim was fishing with 4 other individuals in a bass boat on the Illinois River. They fished until it had gotten dark. The group had consumed alcohol throughout the night and started heading back upstream towards Hennepin. The victim was reportedly sleeping in the front of the boat on the starboard side. Shortly after they had passed mile marker 201 south of Hennepin, the vessel struck a partially submerged tree. The impact struck the port side and ejected the victim from the vessel. The group searched the river for approximately 15 minutes, before calling 911. Search and rescue personnel noticed the hood of a gray sweatshirt near the surface of the water downstream. Upon inspection, they realized it was the victim who was face down in the river. The operator was arrested for OUI. He was also cited for careless operation and operating a watercraft without adequate personal flotation devices (only 1 on the boat for 5 people). The boat was overcapacity as it was only rated for 4 persons. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
10/25/2019	1	Alcohol/Drug Use	Careless/Reckless Operation	Excessive Speed

- 2) On November 20, 2019, at approximately 10:45 AM two victims were fishing on the Rock River. Conservation Police were notified of a vessel capsized at the Oregon Dam in the low head dam. It was determined that the victims were missing, and rescue efforts were implemented by fire and police. The vessel was stuck in the low head dam and difficult to move. For unknown reasons, the vessel had gotten too close to the dam and capsized. On January 3, 2020, one victim was recovered deceased from the Rock River in Dixon Illinois. The cause of death was drowning. The second victim has not been recovered and is presumed deceased.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
11/20/2019	2	Cold Water Immersion	Dam/Lock	Restricted Vision

- 3) On May 7, 2020, at approximately 2:00 PM two victims were fishing from a 15-foot vessel on the Kankakee River. They had been anchored near the South Side of the Kankakee Dam, near the Hydro-Electric Plant. According to NOAA, the Kankakee River was in the action stage. Witnesses observed the vessel get pushed slightly downstream of the boil. Shortly after, the operator of the vessel cut the vessel anchor line with a knife, the watercraft was then spun around and sucked back in towards the boil. The vessel capsized ejecting both victims into the river. The victims were not wearing PFDs. They were last seen floating downstream along with the vessel. The vessel was located approximately 1/4 mile downstream lodged between several rocks and the shore. On May 26, 2020, the first victim was recovered and on May 30, the second victim was recovered. The cause of death was drowning for both victims.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
5/7/2020	2	Improper Anchoring	Operator Inexperience	Dam/Lock

- 4) On May 13, 2020, at approximately 11:30 AM the victim was reported missing. The victim was in a canoe on Lake Hamilton in which the victim fell overboard and drowned. The victim was recovered approximately 20 yards away from where the canoe was lodged on a log that protruded from the surface of the water. The victim was fully clothed when recovered and a fishing pole was recovered with the body. No personal flotation devices were present. The victim had a BAC of .136% along with THC in his system. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
5/13/2020	1	Alcohol/Drug Use		

- 5) On June 2, 2020, early afternoon the victim had conversations with his stepdaughter and neighbors about canoeing on Lake Michigan. The victim's residence is located on the Lakefront. The victim was reported missing on June 3, by his stepdaughter. On June 4, the Chicago Police Department (CPD) Marine Unit a canoe was recovered on Lake Michigan, north of Wilmette, IL. The canoe is suspected to belong to the victim. When the canoe was located it was capsized. The CPD Marine Unit and United States Coast Guard conducted a surface search of the area. On June 7, 2020, the victim was observed floating by witnesses near Belmont Harbor. CPD Marine Unit recovered the victim. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
6/2/2020	1	Unknown		

- 6) On June 11, 2020, at approximately 6:03 PM the victim was operating a vessel at a high rate of speed on the Mississippi River just south of Island 521. When his vessel struck a large wake causing the vessel and the victim airborne. Witnesses stated while airborne the vessel "barrel-rolled" and the victim was ejected from the vessel. Witnesses rendered aid to the victim. They took the victim to the North Shore Marina. When the victim was pulled from the water, he was semi-conscious. Upon arrival at the marina, the victim lost consciousness and lost a pulse. The witnesses performed CPR until the ambulance arrived. The victim was taken to Mercy Hospital and pronounced dead. The victim died from blunt force trauma and internal bleeding. A friend stated the victim was taking the vessel on a "hot run". Which meant he was going to open the throttle and drive the vessel fast to see how it handles. The victim had recently purchased the vessel and hadn't operated it much.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
6/11/2020	1	Force of Wake	Sharp Turn	

- 7) On June 14, 2020, at approximately 1:20 PM the operator and three passengers were nearing the Steel Dam on the Rock River. The operator could not get the motor to start. The vessel went over the dam and the occupants were ejected into the water. The first victim would be recovered downstream of the dam. The cause of death was drowning. The second victim was resuscitated after leaving the scene and was life-flighted to Iowa City Children's Hospital. Unfortunately, the victim succumbed to the injuries. The cause of death was blunt force trauma. The remaining occupants were taken to Unity Point Health Hospital.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
6/14/2020	2	Machinery Failure	Dam/Lock	

- 8) On July 6, 2020, at approximately 5:08 PM, the family departed South Sandusky Beach by boat and traveled southeast toward their destination at Rend Lake Marina. The boat's operator and the victim's father noticed the swim ladder was down on the boat while on plane. The victim's girlfriend attempted to pull the ladder up but was not familiar with the mechanics of the ladder. The victim went to the back of the boat to assist. The victim then walked to the front of the boat. The victim then ran toward the back of the boat and jumped into the lake. The boat was traveling approximately 15 miles per hour and as the victim's father eased off the throttle at the time the victim jumped. The victim re-surfaced and vomited. The victim was struggling to swim as the victim's father turned the boat around to pick the victim up. The victim's girlfriend jumped into the water to help the victim, but he panicked and pulled her under the water while struggling. She tried multiple times to help the victim but could not assist him in his panicked state. the victim went under the water and never came back to the surface. The victim's father said the victim was intoxicated and they were having difficulty controlling his behavior before the accident. The next day, the victim's body was recovered. The victim had a BAC of .227% along with THC and alprazolam in his system. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
7/6/2020	1	Alcohol/Drug Use	Departed Vessel Voluntarily	Swimming Ability

- 9) On July 6, 2020, at approximately 9:30 PM, the vessel was drifting in Monroe Harbor on Lake Michigan. Four persons entered the water to swim, and the wind blew the unanchored vessel away from the swimmers. The swimmers began swimming toward the break wall. The vessel was started to recover the swimmers. Three of the swimmers reached the break wall. The victim did not. On July 7, the victim was located and recovered. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
7/6/2020	1	Operator Inexperience	Swimming Ability	

- 10) On July 11, 2020, at approximately 5:57 PM six individuals were on a pontoon boat rented from Grafton Harbor. They were operating downstream on the Illinois River near mile marker 1 in Grafton. Traveling at a slow speed, the victim, who was positioned in the starboard side behind the operator's seat, suddenly went overboard. None of the other occupants witnessed whether the victim fell or jumped in. Shortly after going overboard, the victim appeared distressed and began calling for help. The vessel operated towards the victim when another occupant threw a personal flotation device into the water but out of the victim's reach. The occupant then jumped into the water and was able to get to the victim. However, during the rescue attempt, the victim was combative in his attempt to stay above water. The victim began to go limp. The occupants of a separate boat stopped to assist. They were able to get the victim into the boat, but the victim was unresponsive. They immediately called 911 and began CPR. Unable to revive him, they relocated to Grafton Marina. Other civilians assisted in attempting to revive him before the Jersey County Ambulance arrived on the scene. The victim was pronounced deceased. The cause of death was Methamphetamine and Hydrocodone Intoxication. Exacerbating arteriosclerotic and hypertensive cardiovascular disease and chronic obstructive pulmonary disease in his death.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
7/11/2020	1	Alcohol/Drug Use	Occupant Behavior	

- 11) On July 12, 2020, at approximately 9:52 AM the victim the friend as approximately 1/2 mile southeast of the Shovel Lake boat ramp near a Banner Marsh Duck Blind. The friend and the victim were bass fishing and trolling slowly at a location on the southeast portion of Shovel Lake. The victim was positioned in a bow-mounted elevated seat. The victim was operating the bow-mounted trolling motor at a "very slow trolling speed". At approximately 9:15 AM, the victim fell off the port side from the bow and was struggling to swim. the boat drifted away from the victim's location in the water. The friend operated the boat with the trolling motor towards the victim to rescue him from the water. The friend used a pole to try and reach the victim but was unsuccessful. The friend dove in the water off the port side stern of the boat. The friend reached the victim, and he was unresponsive. The friend swam by holding the victim's arm to the location of the boat and grabbed the bow. The friend operated the trolling motor to maneuver himself, the victim, and the boat to the nearby shoreline. OSF Life Flight first responders arrived on the scene and pronounced the victim deceased. The cause of death was drowning. Atherosclerotic and hypertensive cardiovascular disease were contributing factors to his death.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
7/12/2020	1	Standing/Sitting in Inappropriate Position	Sudden Medical Condition	

12) On July 22, 2020, at approximately 6:40 PM the vessel with the victim and eight occupants was traveling southbound on the Chicago River in route back to the Western Ave. boat launch. The vessel encountered a barge traveling north at a high rate of speed and creating a large wake. When the vessel was going by the barge, the wake left behind, sent water over the port side causing the vessel to capsize. As the vessel capsized, all of the occupants but the victim were ejected from the vessel. Emergency personnel rescued the ejected occupants from the water and began searching for the victim. At approximately 7:02 PM, divers entered the river and were able to recover the victim from under the vessel. The victim was transported to an ambulance and subsequently to the hospital where the victim was pronounced deceased at 8:35 PM. Divers stated the victim was not wearing a PFD when they pulled him from the water. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
7/22/2020	1	Overloading	Force of Wake	

13) On August 2, 2020, at approximately 12:34 PM the victim and his father were fishing on Lake Mingo, within Kennekuk Cove County Park. The victim experienced an epileptic seizure and fell overboard while fishing. His father had attempted to rescue the victim. His rescue attempt failed, and the victim went under the water and never resurfaced. The victim was located by two other anglers. The victim was pronounced dead on the scene at 1:40 PM. The victim was not wearing a life jacket. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
8/2/2020	1	Sudden Medical Condition	Occupant Behavior	

14) On August 30, 2020, the Conservation Police were on a boat patrol on Lake Michigan when they heard a distress call over the Marine Band Ship-to-shore radio. The distress call was "We need help..." then static, then "We need help in the playpen, we can't find him..." Upon arrival, it was determined that the victim jumped off of the vessel they chartered for the day while it was underway. The witnesses on board the vessel indicated that the captain and deckhands were unaware that the victim exited the vessel until after the occupants began screaming due to the victim slipping beneath the water. The victim was recovered on September 3, 2020. The victim had a BAC of .151%. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
8/30/2020	1	Alcohol/Drug Use	Occupant Behavior	Operator Inattention

15) On September 7, 2020, shortly before 5:30 PM while boating on Lake Summerset, the victim was talking to his brother about skiing. While the brother was adjusting a life jacket to put on, the victim stated he needed to urinate, and said he was going to jump in the water and go the bathroom. The victim left the helm and threw a Type 4 PFD into the water and then jumped in. According to passengers on the vessel, the victim jumped in and he was seen struggling and stayed under the surface for an extended period. He resurfaced one time and was able to say, "Help." After surfacing one time, he went under and was not seen again. The boat continued to drift away due to the wind. A passenger on board jumped into the water to help the victim but could not locate him. Multiple other boats came to the area quickly and no one was able to locate the victim. Multiple emergency agencies responded to the scene to recover the victim. The victim was successfully located on September 9, 2020. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
9/7/2020	1	Departed Vessel Voluntarily	Occupant Behavior	

16) On September 19, 2020, at approximately 12:00 PM two victims and a friend were fishing at “T” Lake, within Snakeden Hollow State Fish & Wildlife Area, in Knox County. Additionally, “T” Lake is a posted restricted area, which is closed to all public access. There was no boating safety equipment onboard the vessel. The vessel was drifting with three male occupants onboard. The victims voluntarily exited the vessel by jumping from the side of the vessel into the water to swim. Both victims were reported to be hanging onto the vessel’s gunwales and swimming for approximately 15 - 20 minutes before one of the victims began drifting away from the vessel and struggling to keep his head above the water. The other victim swam towards the location to assist him back to the vessel. The friend on the vessel attempted to maneuver the vessel closer to the victims and was extending a wooden boat paddle towards them from the bow of the vessel. The victims were unable to reach the paddle extended from the bow of the vessel. The victims disappeared underwater and did not resurface. After both victims failed to resurface the friend operated the vessel to shore. Once on shore called 911. Emergency personnel located the two victims. The first victim had a BAC of .309% along with THC in his system. The cause of death was drowning. The second victim had a BAC of .413%. The cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
9/19/2020	2	Alcohol/Drug Use	Departed Vessel Voluntarily	Swimming Ability

17) On September 26, 2020, at approximately 9:30 AM a father (the victim), his son, and grandson were fishing on Forbes Lake. The victim was standing on the bow of the boat as he lost his balance and fell into the water. The victim was exhibiting cardiac arrest symptoms while in the water. His son and grandson were both aboard the boat and attempted to lift him aboard but were unsuccessful. They drove the boat to the nearest land, which was the Black Oak picnic area. Once ashore, his son motioned for help to other boaters. The victim's physical state was depleting and was needing CPR. Another boater assisted with CPR until the emergency personnel arrived. The ambulance took the victim to the hospital. The victim was pronounced dead, the cause of death was drowning.

ACCIDENT_DATE	TOTAL_DECEASED	CAUSE_PRIMARY	CAUSE_SECONDARY	CAUSE_TERTIARY
9/26/2020	1	Standing/Sitting in Inappropriate Position	Sudden Medical Condition	