

2010 Annual Report

**DELAWARE
DIVISION OF FISH AND WILDLIFE
ENFORCEMENT SECTION**



**2010
ANNUAL REPORT**



A Division of the Department of Natural
Resources and Environmental Control

INTRODUCTION

The 2010 annual report catalogues the activities of the men and women of the Division of Fish and Wildlife's Enforcement Section.

Documented within this report one will find agency statistics on our Boating Safety and Education program, enforcement statistics related to our resource protection activities and public safety services, search and rescue activities, boating accident statistics, boat registration statistics, and other items of interest to the Enforcement Section.

Prepared by Major Robert Legates

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Enforcement Section Organizational Chart

2010

Division of Fish and Wildlife
Enforcement Staff

Position	Office Staff	Statewide	Region 1	Region 2
Chief	1			
Major	1			
Captain			1	1
Lieutenant			1	
Sergeant	1		2	2
Senior Corp.			4	5
Corporal			3	1.5
AFC			2	1
Trainee				
Reserve			1	1
Chaplain		1		
Mechanic		.5		
Civilian	7			
Total	10	1.5	14	10.5

Personnel

New Hires

Shea Lindale was hired as a Trainee.
Daniel Carrow was hired as a Trainee.
Oran White was hired as a Reserve.
Brent Raughley was hired as a Reserve.
Mari Grehofsky transfer from DAWM as Sr. Cpl.

Promotions

In 2009 the pay for performance plan and promotional standards continued into its twelfth year with the enforcement agents of D.N.R.E.C. The plan called for agents to complete tasks within a matrix for each enforcement rank to advance within their rank's performance levels. Each rank has a skill building, full performance, and expert level.

The following agents were promoted in 2010:

John Rutherford promoted to Captain
Robert Legates promoted to Major
Daniel Carrow promoted to AFC (SB)
Shea Lindale promoted to AFC (SB)
Nick Couch promoted to Sergeant
Casey Zolper promoted to SCPL (FP)
Ian Thompson promoted to CPL (SB)
Brian Pollock promoted to CPL (SB)
Gavin Davis promoted to CPL (SB)
Nate Evans promoted to CPL (SB)

New Assignments

There were no new assignments during 2010

Retirements

There were no retirements in 2010.

2010 Enforcement Awards



Marine Officer of the Year
Sr. Cpl. Douglas Messeck

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Shikar Safari International Award and
N.E. CLECA Officer of the Year
Cpl. Brian Pollock



National Turkey Federation
Award Recipient
Cpl. Gavin Davis

Goals and Objectives

Delaware Division of Fish and Wildlife Enforcement Section Goals and Objectives 2010

1. **Ensure organizational effectiveness through quality services by providing the citizens of Delaware law enforcement and public safety services.**
 - **Engage in strategic planning.**
 - **Fiscal planning and management: Overtime, FMP, NOAA and Forestry overtime.**
 - **Control employee work performance and productivity. (Timesheets, activity logs, complaints, LEISS reports are all in an electronic format.**
 - **Replace outdated equipment or unserviceable equipment.**
 - **Manage resources to provide the best coverage and prompt public service.**

2. All Enforcement Section employees will maintain and promote State of Delaware Law Enforcement Accreditation program.

- Captains will continue to collect proofs of compliance for accreditation standards.

3. Pursue professional excellence by providing Division personnel with a variety of personal and professional development programs and methods.

- Provide effective job related training.
- Pursue personal and professional development through CAP.

4. Preventing, investigating and prosecuting illegal natural resources activity within the State of Delaware.

- Enforce all hunting, fishing, and boating statutes and regulations.
- Increase the number of special operations within counties. i.e., waterfowl, decoy deer, boating safety checks, fisheries and shellfish checkpoints.
- Become a more full serviced organization. Handle all hunting and boating accident investigations as the lead agency.

5. Enhance and promote the public image of the Enforcement Section.

- Increase public outreach, (Delaware State Fair, schools, ride-along programs)
- Provide educational opportunities.
- Increase submission of publications, (Observer, newspapers, Outdoor Delaware, Ducks Unlimited).
- Attend public events with our display (Delaware State Fair, job fairs).
- Promote the Section's identity. Sgt. Greg Rhodes Enforcement Section's Public Information Officer.

6. Provide educational opportunities to the citizens of Delaware in the Hunter Safety and Boating Education.

- Hunter education and Boating Safety legal requirements.
- Provide young children with conservation ethics programs.

- **Vessel Safety Checks- will be put in all operational plans for the upcoming boating months.**

Goals and Objectives 2010 Results

1. Ensure organizational effectiveness through quality services by providing the citizens of Delaware law enforcement and public safety services.
 - a. Engaging in strategic planning.
 - b. Fiscal planning and management.
 - c. Control employee work performance and productivity.
 - d. Replace outdated equipment or unserviceable equipment.
 - e. Manage resources to provide the best coverage and prompt public service.
 1. **Results: In 2010, the State of Delaware experienced a large budget deficient that has increased exponentially each month. This budget deficient hindered the Enforcement Section's ability to properly plan fiscally for budgets or capital outlay items. The 2004 Strategic Plan is still being followed to ensure the Command Staff is providing consistent direction, but a new plan needs to be developed and implemented. Schedules were adjusted as per the new re-organization plan to provide more effective coverage to handle citizen complaints and provide prompt service.**
2. All Enforcement Section employees will maintain and promote Law Enforcement Accreditation.
 - a. Collection of proofs for compliance to standards.
3. Pursue professional excellence by providing Division personnel with a variety of personal and professional development programs and methods.
 - a. Provide effective job related training.
 - b. Pursue personal and professional development through the CAP.
 1. **Results: Professional development and job related training has been a priority this year. Agents attended a total of 1573.5 hours of training**
4. Preventing, investigating and prosecuting illegal natural resources activity within the State of Delaware.
 - a. Enforce all hunting, fishing, and boating statutes and regulations.
 - b. Increase the number of special operations within counties. i.e., waterfowl, decoy deer, boating safety checks, fisheries and shellfish checkpoints.
 - c. Become a more full serviced organization. Handle all hunting and boating accident investigations as the lead agency.

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- a. **Results:** In 2010, the Enforcement Section had 71,465 contacts, 8635 boarding's, answered 2311 public service complaints, made 2120 arrests, worked 11,177.5 enforcement hours of wildlife, 3307 enforcement hours of fisheries and 22,525.5 enforcement hours in boating safety. Special operations targeting BUI operation and illegal fishing and hunting activities were increased to ensure compliance to Delaware laws. The Enforcement Section investigated 26 boating accidents with two boating fatalities this year serving as the lead agency.
5. Enhance and promote the public image of the Enforcement Section.
 - a. Increase public outreach, (Delaware State Fair, schools, ride-along programs)
 - b. Provide educational opportunities.
 - c. Increase submission of publications, (Observer, newspapers, Outdoor Delaware, Ducks Unlimited).
 - d. Attend public events with our display (Delaware State Fair, job fairs).
 - e. Promote the Section's identity. Sgt. Greg Rhodes Enforcement Section's Public Information Officer.
 - i. **Results:** Enforcement agents increase their public relations presence by attending job fairs, Delaware State Fair, hunting and boating education courses. Articles were written for magazines such as the DNREC's Outdoor Delaware. Sergeant Greg Rhodes, the designated PIO for the Section, wrote news releases on a weekly basis on any agent arrests or activities.
6. Provide educational opportunities to the citizens of Delaware in the Hunter Safety and Boating Education.
 - a. Hunter education and boating safety legal requirements.
 - b. Provide young children with conservation ethics programs.
 - c. Vessel Safety Checks
 - i. **Results:** Enforcement Agents attended and provided hunter and boating education courses to the public in 2010. Agents also provided young children with conservation ethics by sponsoring a Youth Fishing Tournament, a conservation awareness day and an Inland Bays Cleanup to provide educational opportunities to children and adults.

Prepared by Chief James H. Graybeal



Training

Enforcement Agents attended training courses ranging from group in-service training to individual courses during conference workshops or at local Police Academies and colleges this year. In-service training was conducted in March. Additionally, newly promoted personnel attended courses to prepare them for their new duties. Seasonal agents attended a training course conducted by the Division of Parks and Recreation and received additional training in Fish and Wildlife Enforcement's procedures.

Training Topics for Courses attended by agents in 2010

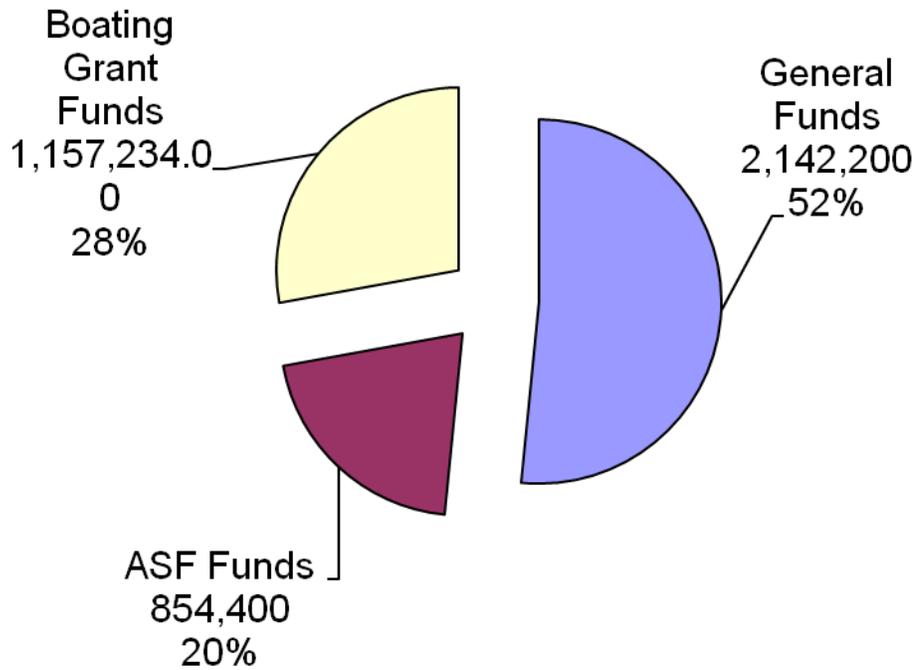
- Hunter Accident
- Use of force
- OUI Refresher
- Wildlife/Fisheries legal updates
- USFW Enforcement Update
- Hunter Safety education
- Biased based profiling
- Firearm requalification
- Taser Recertification
- First Aid
- CPR
- AED
- Attorney General Updates

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Parks Enforcement Overview
Environmental Crimes Unit Overview
F&W Enforcement Section Overview
Convicted Felons
Marine Mammals
Gill Nets
Cap Stun Refresher
Online Licensing
Taser Instructor Recertification
Moving Into Supervision
Homeland Law Enforcement Training
Respectful Workplace Environment
DNREC Leadership Academy
Human Side of Management
Boat Accident Investigation/ Reconstruction
Drug ID
Officer Survival
NCIC Training
High Tech Crimes
Criminal Investigator Basic Course
Put it in Writing
Patrol Rifle Certification
Hazmat First Responder Awareness
Conflict Resolution
Quality Service in the Public Sector
Report Beam
EEO
Criminal Summons Training
Understanding the Deadly Mix Concept
Conflict Management
Discipline Documentation
10 Steps to Becoming a Great Manager
Level 5 Leadership
Be an Effective Manager
Avoid and Prevent Workplace Harassment
Positive Management Approach- Workplace Conflict
Planning of Wetlands
ASP Recertification
Shellfish Sanitation
DIAC Overview
Small Boat Handling
EOC Operations and Planning- All Hazards
Hunter Education Legal Requirements
CJIS Training

Budget

Enforcement Section Budget FY08

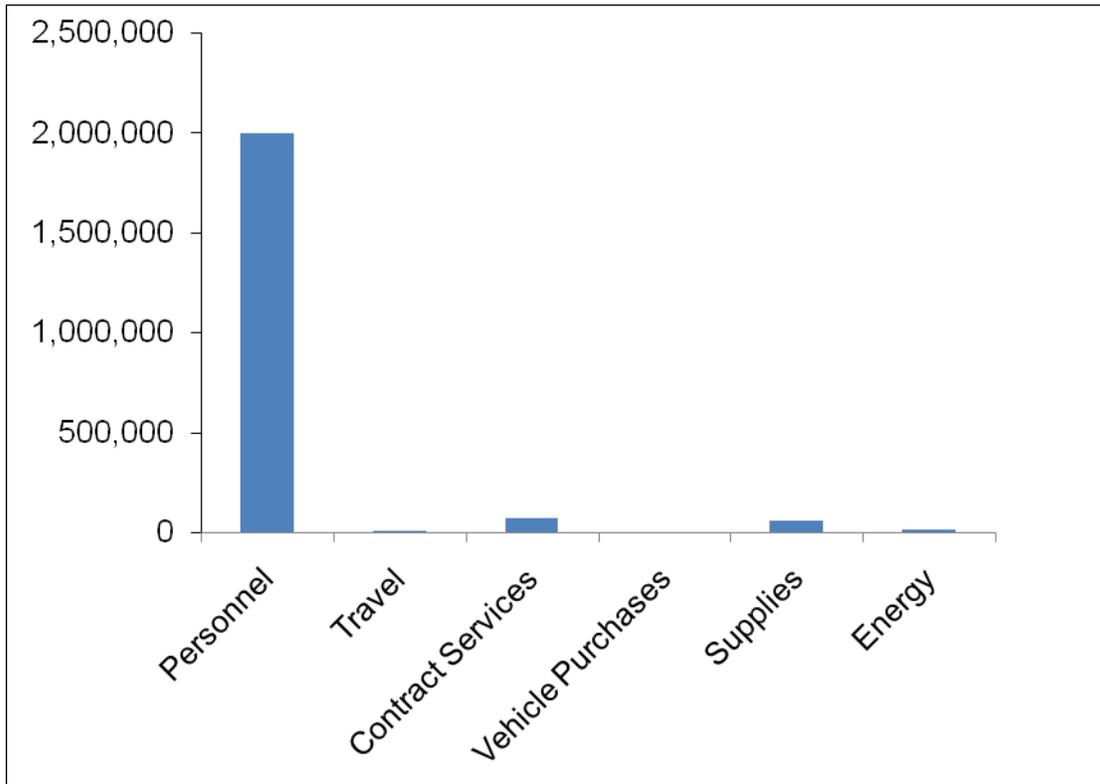


General Funds – 52% - \$2,142,200

ASF Funds – 20% - \$854,400

Boating Safety Grant – 28% - \$1,157,234.00

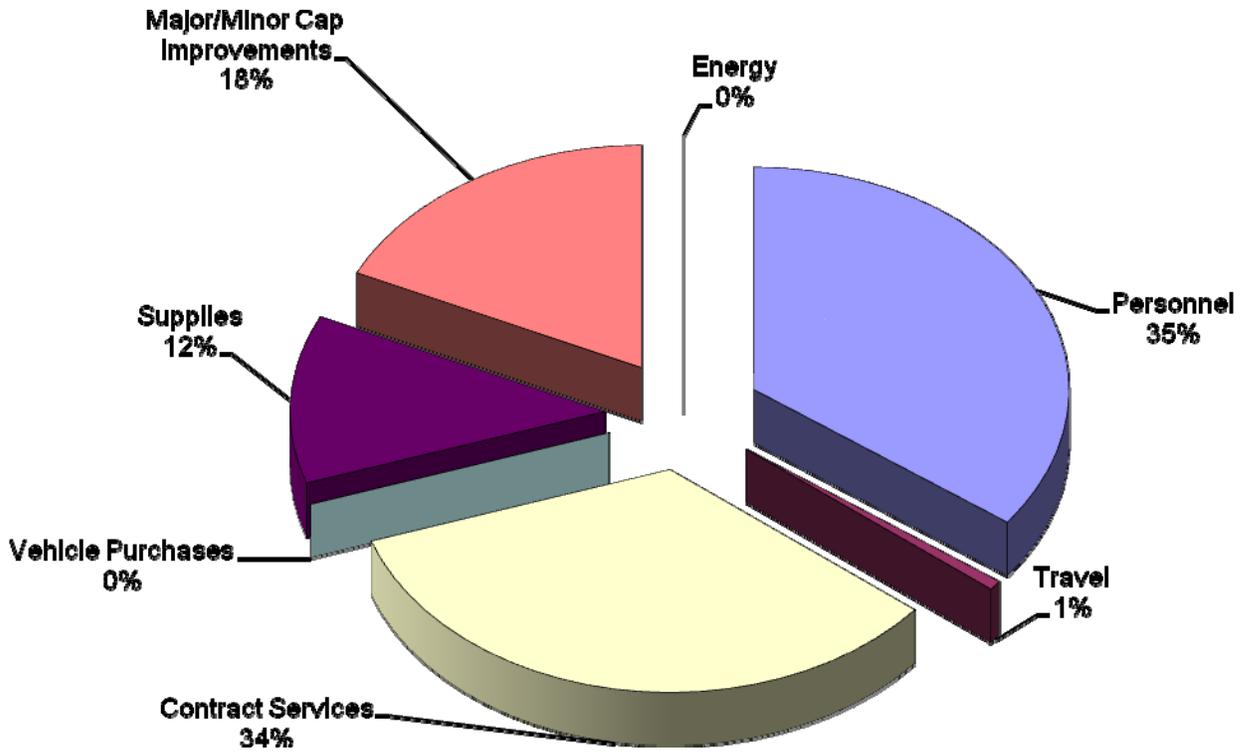
Budget FY 09 General Funds



Personnel:	\$1,997,700
Travel:	\$ 5,300
Contract Services:	\$ 68,600
Vehicle Purchases:	\$ 0
Supplies:	\$ 55,900
Energy:	\$ 14,700

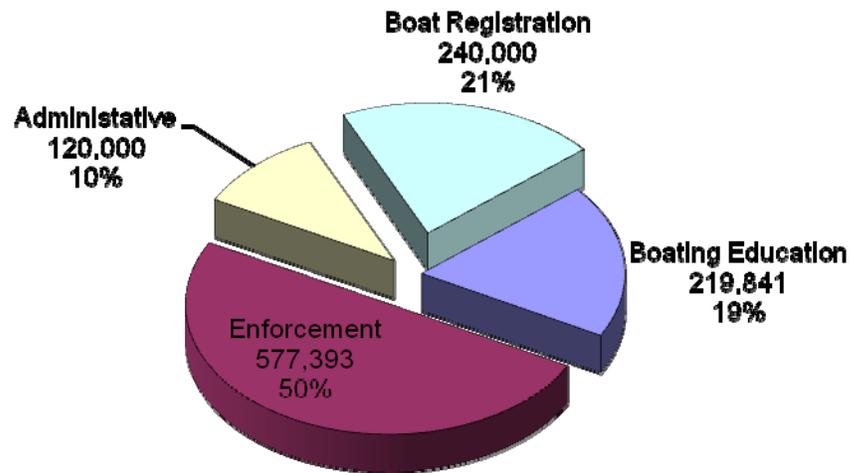
Budget FY 09

ASF Spending Authority



Personnel	\$300,200
Travel	\$5,900
Contractual Services	\$290,300
Vehicle Purchases	\$0
Supplies	\$104,400
Major/Minor Cap. Improvements	\$153,600
Energy	\$0

Recreational Boating Grant FY 08



Boating Education	\$219,841
Enforcement	\$577,393
Administration	\$120,000
Boat Registration	\$240,000

Special Projects

Fisheries Management Plan Operations:

With funding approved from the Atlantic States Marine Fisheries Commission, enforcement efforts in enforcing laws governing fish and shellfish falling under Federal Fisheries Management Plans were continued. Funds were used to pay overtime for directed enforcement patrols aimed at protecting target species of fish. Special operations involved stake outs of fish nets along the Delaware coast for the taking of undersize fish and creel limits. Directed patrols concentrated on illegal taking of fish by recreational hook and line fishermen utilizing fish checkpoints at marine access locations and waterborne vessel inspections.

**National Oceanic & Atmospheric
Administration**
Cooperative Enforcement Program



*Joint Enforcement
Agreement*

Delaware JEA 08-FY 2009

Final Report

General JEA Terms:

Open Date:	Closing Date:	Duration:
July 2, 2009	July 2, 2010	1 Year- 9 Months actual reporting

JEA Financial Demographics:

Category:	Amount (\$):	Notes:
Dockside/Inspection:	64,987	Add \$2,699. for 54 hours added by Amendment 1
Outreach/Education:	1,200	
Administrative/Clerical:	6,492	Subtract \$2705. for 250 hours per Amendment 1
Miscellaneous:		
At Sea Vessel/Personnel:	7,625	
Aviation Cost:		
Overhead:	28,106	
TOTAL DIRECT OPERATIONS:	108,410	
Direct Purchases (Total \$):	60,372	

Amendments:

Amendment Number:	Date Executed:	Terms:
1	10/30/09	Reduce Clerical Hrs. from 600 to 350 and require 54 more dockside Patrol hours in return

JEA Priorities Assessment:

Priority/Statute/FMP Name:	Impact Summary:
Atlantic Tunas	Majority of the AT contacts and checks were made in June '10. Compliance was very high throughout the patrol area.

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Sea Scallops	One SS boarding was performed. This fishery has moved from DE ports when patrol contacts began using certified scales.
Summer Flounder	Numerous State cases were made for undersized fish and use of illegally cut up flounder filets as bait.
Black Sea Bass	A major push was placed on BSB as of the EEZ closure in Oct '09. This was completed through both patrol checks and COPPS dockside contacts.
Striped Bass	Patrols of the SB closure in the EEZ were completed with a high level of compliance found in our area. No violations were uncovered.
Bluefish	The traditional Bluefish fishery continues to be depressed in our area in regard to the ocean trolling fishery.
Weakfish	Delaware's creel limit was lowered to a 1 fish per day limit this year due to continued depressed numbers of fish.
Dealers/Markets	DE Agents were not called on this reporting period for case work involving Dealers. Agents did keep open communications with Dealers to make themselves accessible to answer questions and be of assistance.

Targeted Enforcement Commitment:

Category:	Obligation:	Completed:	Difference:	Percentage:	Notes:
Dockside	1354	766	-588	44% off	
At Sea – Personnel	150	80.5	-69.5	47% off	
At Sea – Vessel	50	32	-18	36% off	
Air – Personnel					
Air – Aircraft					
Clerical	350	256.5	-93.5	27% off	
Outreach	24	54	+30	125% over	

Purchases:

Item:	Purchase Date:	Unit Cost:	Units:	Total Cost:	Notes:
Dell MDTs	01/15/10	\$2578	8	\$20,620.56	Price Reduction since estimate
Mercury 250XL	01/05/10	\$13,367	1	\$13,367	Price Rise- new mdl yr.
Mercury 250XL	01/05/10	\$13,751	1	\$13,751	Price Rise- new mdl yr.

Enforcement Actions:

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WARNINGS:			
Fishery/FMP:	Federal:	Federal/State:	State:
None Reported			

CITATIONS:			
Fishery/FMP:	Federal:	Federal/State:	State:
BSB			5
Summer Flounder			9
Tautog			1
Blue Crab			2
Conch			19
Striped Bass			1
Hard Clam			1

ARRESTS:			
Fishery/FMP:	Federal:	Federal/State:	State:
None			

SUMMARY SETTLEMENT:		
Fishery/FMP:	Summary Settlement:	Notes:
Not Allowed		

Contacts:

Fishery/FMP	Commercial:	Recreational:	Head-boat/ Tournament:	Notes:
Atlantic Tunas	1	167		
BSB	11	57		
Striped Bass		31		
Summer Flounder		70		
Weakfish		5		
Bluefish		6		
Sea Scallop	1			

OUTREACH ACTIVITY (Name):	Attendance (Est.):	INSPECTIONS:		
		Processors:		Wholesalers:
COPPS at HOOKem&COOKem	12			
COPPS at North Shore Marina	20			
COPPS at North Shore Marina	25			

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Camp Awareness	48			
IRBA Shark Tournament	200			
Youth Fishing Tournament	75			
Inland Bays Clean Up	100			
Dewey Beach Environmental	150			

Agency Narrative:

The Joint Enforcement Agreement between the NOAA Fisheries, Office of Law Enforcement and the Delaware Division of Fish & Wildlife Enforcement Section completed it's sixth year during the time period of July 2, 2009 through July 2, 2010. The Fisheries Enforcement aspect of the JEA operation was primarily targeted at Atlantic Tunas, Summer Flounder, Black Sea Bass, Striped Bass, Bluefish, Weakfish, and Sea Scallops. The public outreach of the JEA was accomplished through contacts with fishermen and other interested persons at marinas, tackle shops, tournaments, fairs, and displays. During these events, DE Fishing Guides, NOAA Fisheries pamphlets, NOAA Compliance Guides, http://www.nmfs.noaa.gov/sfa/hms/Compliance_Guide/index.htm, DE HMS Guides, and Atlantic Tuna ID Guides were disseminated to the public. The 2010 Tunas Guide printed from the website http://www.nmfs.noaa.gov/sfa/hms/hmsdocument_files/Tuna.htm was also handed out at these events. HMS In-service training by Captain Aaron Hurd was given to Agents who requested Deputization during this JEA period. This Annual Report is being prepared to document the accomplishments of the JEA as well as report purchasing and statistics.

JEA08- FY2009 was fraught with issues which eventually caused it to be quite unsuccessful in obtaining the patrol goals set for the time period. The contacts and boardings for this JEA didn't start until October of 2009 after the time extension allowed for JEA 07 finished at the end of Sept. 2009. This caused JEA 08 to miss the patrol hours made during the months of July, August and September of 2009 which was the prime time period for completing the requirements. Additionally, there was a communication breakdown in an amendment request which allowed the JEA to end on it's original final date of July 2, 2010. On the surface, this JEA will have failed in completing it's goals but, due to this JEA ending on the scheduled date of completion, future JEAs will be able to get back on target as to their starting and ending dates without the need for continuous amendments.

Dockside recreational boardings were completed on a regular basis to coincide with the fishing activities for HMS and inshore species from DE Ports. There were no Federal recreational violations noted during these patrols for the time period included in JEA 08/ 2009. There were 18 State recreational finfish cases made during NOAA patrols accounting for app. \$525.00 in fines. There were 20 shellfish arrests made of which one was an illegal clamming arrest resulting in a \$25.00 fine and the other was 19 charges of illegal commercial conch fishing which hasn't been adjudicated at this time.

There were two fishing tournaments worked during the JEA 08- 2009 timeframe. In November 2009, the IRBA held the Turkey Week Striper Tournament which had about 25 entries. This tournament was headquartered out of Indian River and had weigh

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stations there and Lewes Harbor Marina. Patrols were held during the tournament and no violations were noted.

In May of 2010, a Flounder Tournament was run out of Lewes Harbor Marina and patrols were in place to monitor this tournament. No violations were uncovered as to fish creel limits and size. Patrols were run during the Shark tournament out of Indian River and a number of contacts were made with no violations noted. An entry for Bluefish was a side entry to the Shark Tournament in 2010. The numbers of Bluefish seem to be low in the waters off Delaware in that this fishery which used to be a mainstay of the charter fishing industry is much smaller than in the past.

Turkey Week Striper Tournament November 2009

Lewes Flounder Tournament May 2010

IRBA Shark Tournament June 2010

The Delaware Division of Fish & Wildlife Enforcement Section purchased certain pieces of equipment and paid certain fees during the time period of JEA 08- 2009 to further the abilities of the Division's Agents to complete the objectives of the agreement. These purchases are listed as follows:

2- 250 hp Verado Outboard Engines

8 Dell Laptops as MDTs

Wireless Card Service for 15 MDTs

Service Coverage for two Satellite Telephones

Jonathans Publications Subscription to Federal Regs.

The following Delaware Division of Fish & Wildlife Agents carried Deputy credentials as NOAA Fisheries Deputies for the JEA 08- 2009 time period:

Capt. Aaron Hurd

Capt. John Rutherford

Lt. David Blasch

Sgt. Troy Trimmer

Maj. Robert Legates

Sgt. Timothy Pritchett

Sgt. Gregory Rhodes

S/Cpl. Doug Messeck

S/Cpl. Carl Winckoski

S/Cpl. Tom Penuel

S/Cpl. Drew Aydelotte

Cpl. Casey Zolper

Sgt. Nicholas Couch

Cpl. David Ptak

Agt. Gavin Davis

Agt. Nathan Evans

Sgt. John Webb

Agt. Julie Jones

Agt. John McDerby

S/Cpl. Richard Blasch

Agt. Brian Pollock

Sgt. John Webb

Cpl. Julie Jones

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Cpl. John McDerby

Cpl. Brian Pollock

Agents Lindale and White were added to the Deputy ranks after receiving one full day of training in HMS regulations, NOAA paperwork requirements in reference to reporting, case preparation, and regulation references on May 19, 2010. Agt. Ian Thompson was dropped from the ranks upon leaving State service for other employment. His Deputy card was turned in to Capt. Hurd.

Youth Fishing Tournament:

Again this spring, the enforcement section sponsored its Youth Fishing Tournament at three locations throughout the state. The tournament was scheduled to coincide with National Fishing Week and the Governor's proclamation of a free fishing day each spring to encourage participation in freshwater fishing. The sites for the tournament were New Castle - Lums Pond, Kent - Wyoming Pond and Sussex - Ingrams Pond. Participants were divided into three age groups, age 4-7, age 8-11, and age 12-15. Prizes donated by local sporting goods and bait and tackle stores were awarded in all categories for largest fish, smallest fish and most fish caught by weight. Catch and release fishing was taught.

Seasonal Agent Program:

During 2010, The Section continued its seasonal agent program with four seasonal agents working with full time enforcement agents in Sussex County. Kent county continued with two seasonal agents and one seasonal agent was hired for New Castle County. The seasonal agents were trained in radio procedures, report writing, fish identification, certified in CPR and the use of Pepper Spray. They completed a safe boating certification course which included boat handling. Funding for the project was obtained from the general fund budget and the Center for the Inland Bays program (funded four positions). Duties of the seasonal agents included vessel maintenance and operation, traffic control at public launch ramps, surveillance operations, and assistance to enforcement agents.

Boat Registration

2010 VESSEL REGISTRATION REPORT

Delaware had a total of 57,401 vessels registered in 2010 of which 5,582 were Personal Watercraft. This represents an decrease in total vessel registrations of less than 1 % over 2009. PWC registrations decreased by less than 1% over the 2009 figures.

In addition to the Vessel registration office in the DNREC building, contract vessel registration agents total 15 statewide. There are 2 agents in New Castle County, 1 in Kent County, and 11 in Sussex County. In addition to registration agents, the public may renew their vessel registration online with a credit card.

Outlets for purchasing Public Boat Ramp Certificates total 21 statewide. There are 3 in New Castle, 4 in Kent , and 14 located in Sussex county.

ANNUALLY REGISTERED DELAWARE VESSELS

1962	8,974	1990	40,146
1963	9,538	1991	40,569
1964	9,788	1992	40,286
1965	10,230	1993	42,144
1966	10,818	1994	40,985
1967	12,003	1995	42,479
1968	13,387	1996	42,856
1969	14,546	1997	43,461
		1998	44,458
		1999	45,854
1970	15,589		
1971	17,510	2000	46,719
1972	19,555	2001	47,486
1973	21,037	2002	49,563
1974	23,123	2003	49,935
1975	24,557	2004	51,797
1976	26,457	2005	52,119
1977	27,600	2006	53,423
1978	29,103	2007	55,564
1979	30,721	2008	56,669
1980	32,956	2009	55,797
1981	34,291	2010	57,401
1982	35,543		
1983	36,167		
1984	37,402		
1985	39,875		
1986	42,831		
1987	43,121		
1988	41,563		
1989	41,019		

Boating Safety

2010 Boating Education Report

❑ **PFD / Rules of the Road Awareness Program**

Delaware boating volunteers continued a program to promote the wearing of PFDs and awareness of the Rules of the Road. Volunteers handed out flyers on the importance of wearing PFDs and having a good knowledge of the Rules of the Road. Additionally, Rules of the Road were stressed in boating classes and materials were distributed to marine dealers.

❑ **“What In the World?”**

Delaware boating volunteers have continued their partnership with schools statewide to give presentations on life jackets and water safety to children from first to seventh grades.

❑ **"Better Safe Than Sorry"**

Delaware boating volunteers continue their partnership with schools statewide presenting children with a seven-minute video entitled “Better Safe than Sorry”, and a hands-on coloring book.

❑ **"Sidekicks"**

The state of Delaware has partnered with administrators to provide teachers with an activity they can teach to their class on their own. The state of Delaware provides each student with an activity work book which teaches the student all about water and boating safety. This is appropriate for ages fourth through sixth grade.

❑ **“Fish & Wildlife Agent visit’s”**

Delaware Fish & Wildlife Agents have continued to visit schools statewide to make presentations approximately 25 minutes in length. It includes a 15-minute video on water safety, a life jacket demonstration, and a discussion about the "ABC's of Water and Boating Safety."

❑ **Advertising**

Division of Fish and Wildlife advertised boating classes in newspapers statewide. Repeated this year was the purchase of an insert placed in Delaware News Journal reaching 190,000 residents. Also continued this year was the promotion of the Boating Safety Education Program through radio promotion with Public Service Announcements (PSA's) on WGMD, a local radio station in the coastal area.

❑ **State Certification**

Delaware certified 2,056 boating education students in 2010. The office of boating education strives to schedule classes to fit the needs of today's busy society. Our On-line course was offered through two internet sites maintained by Boat-ED.com and Boaterexam.com. Students can go online to study and, when ready, take the online test and print a boater certification card. The number of students certified online was 1,374 in 2010. The on-line course is promoted during our public outreach activities. There were 682 classroom certifications in 2010.

❑ **Boating Volunteer Hours**

The Division of Fish and Wildlife Office of Boating Education Volunteers teach boating education classes statewide. 1,693 documented volunteer hours were recorded for 2010. In addition to teaching boating classes some volunteers man safety tables, present boating safety presentations to non-profit organizations and the boating public statewide. Volunteers assist with administrative tasks for the Office of Boating Safety and distribute literature at boat ramps while conducting Marine Safety Checks for boating equipment.

❑ **National Safe Boating Week Volunteer Awards Banquet**

The Office of Boating Safety held the annual National Safe Boating Week Awards Banquet honoring volunteers for their work in boating safety. National Safety Congress Awards were given to Delaware's Boating Volunteer with exceptional volunteer hours and programs. Delaware has 537 volunteers.

❑ **Spanish Speaking Volunteer Recruitment**

The Office of Boating Safety continued its Spanish Basic Boating Course. The Office of Boating Education presently has two volunteers that speak and write Spanish. To promote the Spanish boating course, radio ads were purchased.

❑ **P.F.D. Loaner Program**

The Office of Boating Safety started a P.F.D. loaner program for children, through this program P.F.D.'s are available free of charge to borrow. This program was supported by five Marinas.

□ **P.F.D. T- Shirt**

The Office of Boating Safety offered free T-shirts to boaters on Delaware waters. The shirts were distributed by Enforcement Agents throughout the state. The shirts read “I was stopped and boarded and I was wearing my P.F.D.”.

□ **PWC Rental Agency Visitation Program**

The Office of Boating Safety continued in 2010 with its PWC rental agency, new employee training program.

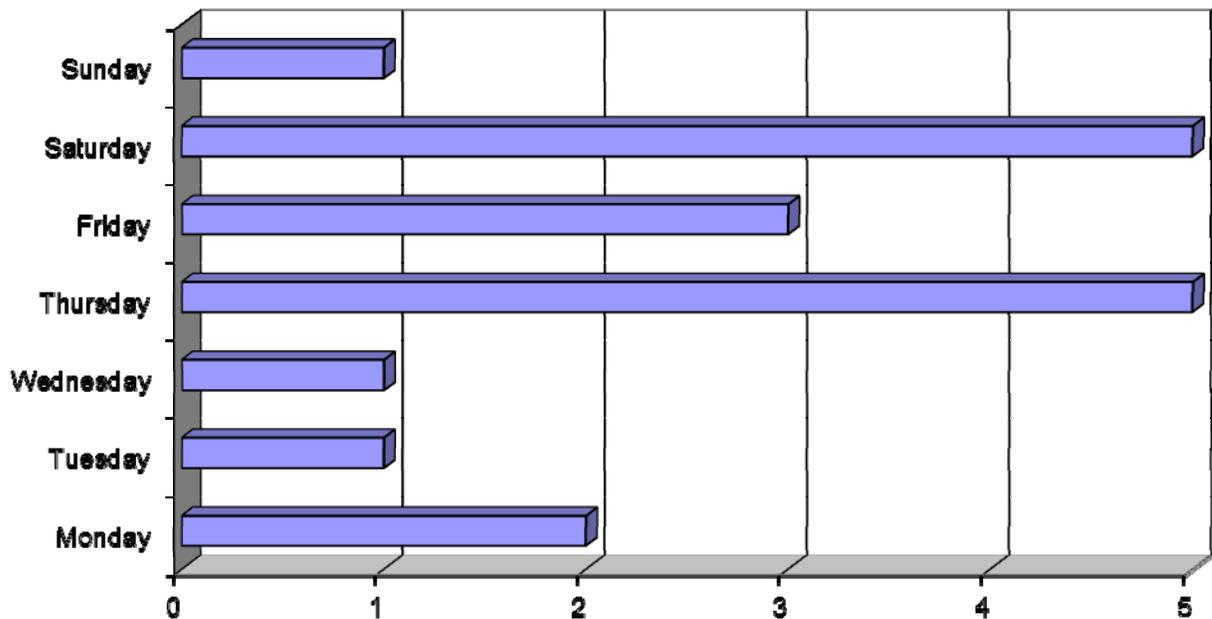
Boating Accidents

Delaware Annual Accident Statistics

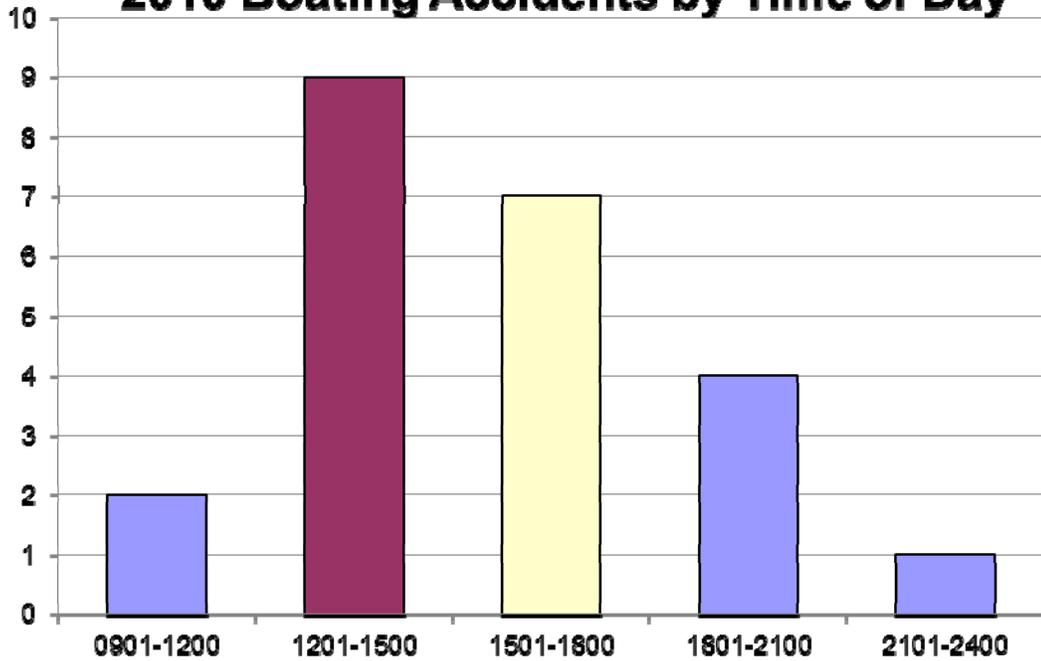
YEAR	# of ACC.	FATAL	INJURY	PROP. DAMAGE	BOATS REG.'ED
2010	26	2	14	108,930	57,401
2009	18	1	8	401,700	55,797
2008	14	3	6	65,200	56,664
2007	24	2	6		55,564
2006	18	2	4		53,423
2005	23	1	6		52,119
2004	26	1	5	209,600	51,797
2003	15	2	10	355,270	49,935
2002	16	3	5	65,000	49,563
2001	31	1	13	1,121,825	47,486
2000	25	2	11	179,750	46,719
1999	23	3	14	56,425	45,848
1998	37	6	19	294,977	44,458
1997	30	3	22	139,725	43,461
1996	29	2	17	104,000	42,856
1995	27	6	14	51,584	42,479
1994	23	1	5	53,450	40,985
1993	18	0	9	20,850	42,144

1992	26	0	13	251,455	40,286
1991	29	2	9	39,010	40,569
1990	28	1	13	73,295	40,146
1989	29	2	17	62,700	41,019
1988	25	1	5	44,600	41,563
1987	23	5	15	126,150	43,121
1986	24	3	10	51,900	42,831

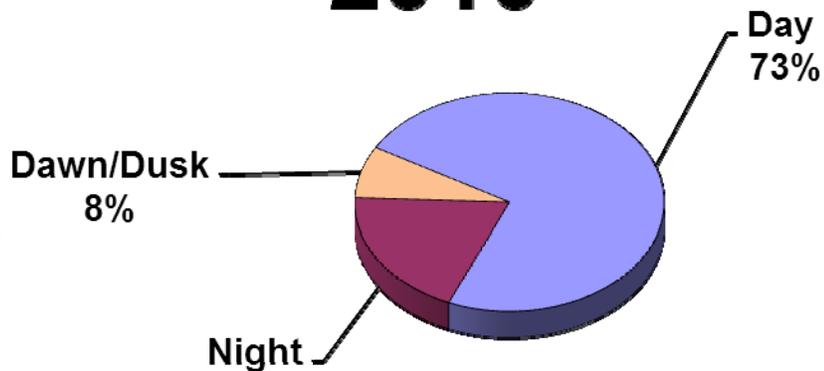
Boat Accidents by Day of Week 2010

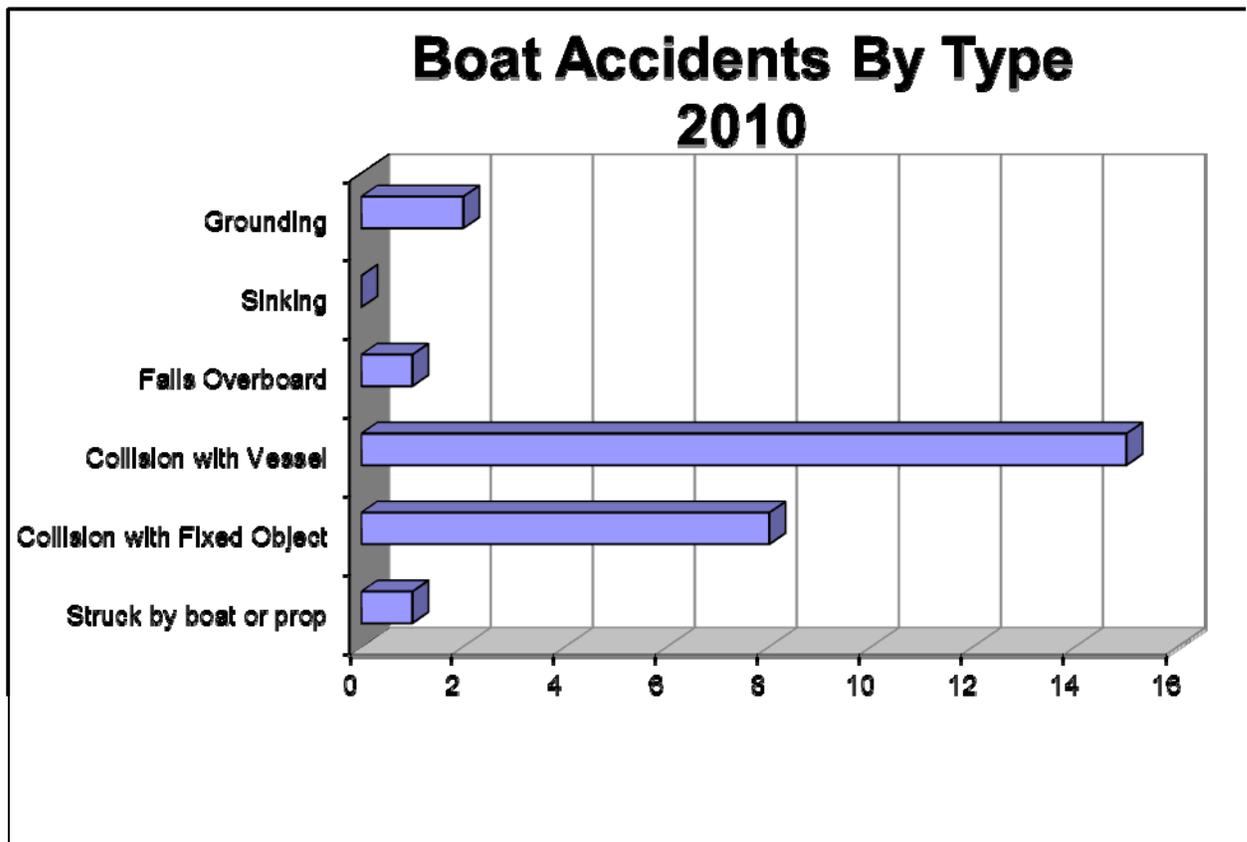


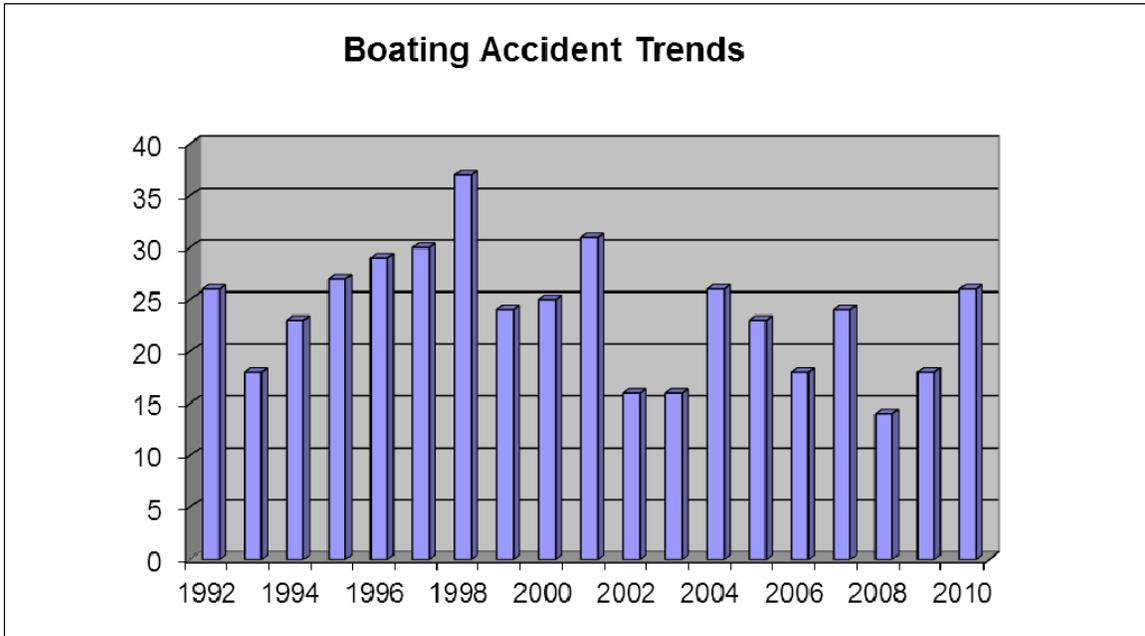
2010 Boating Accidents by Time of Day



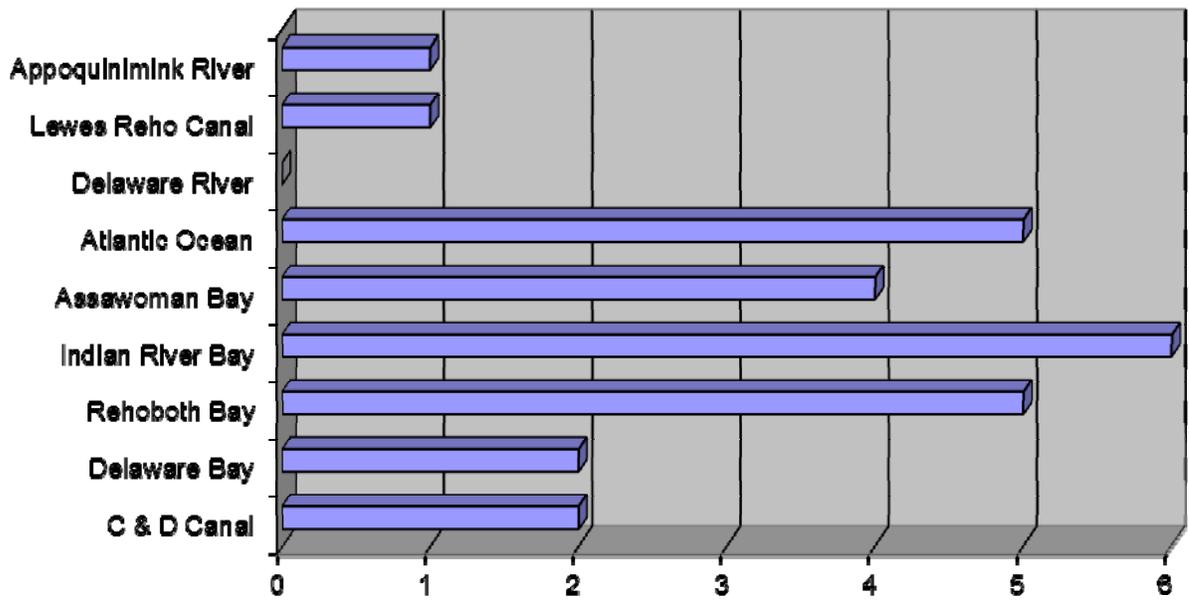
Day Vs. Night Accidents 2010



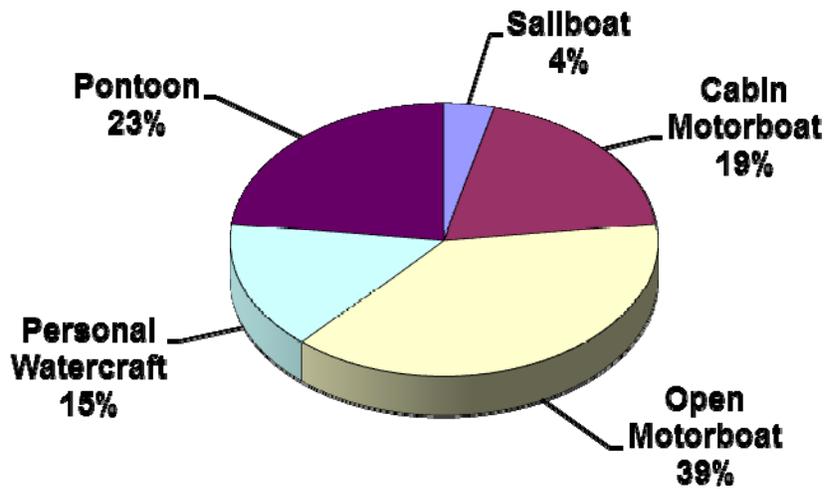




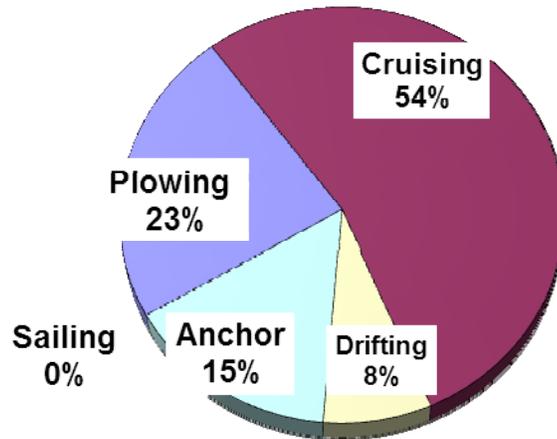
2010 Boating Accidents by Body of Water



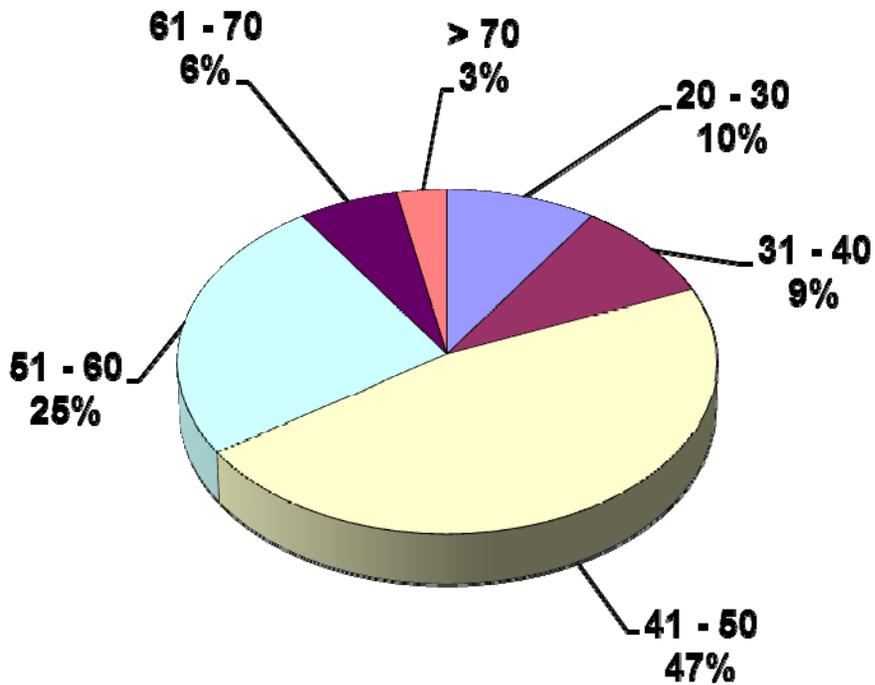
Boating Accidents By Vessel Type 2010



Boating Accidents Operation at Time Accident 2010



Boating Accidents By Operators Age 2010



Boating Accident Statistics By Environmental Conditions 2010

Weather

CLEAR	20
CLOUDY	5
FOG	0
HAZY	0
RAIN/SNOW	0

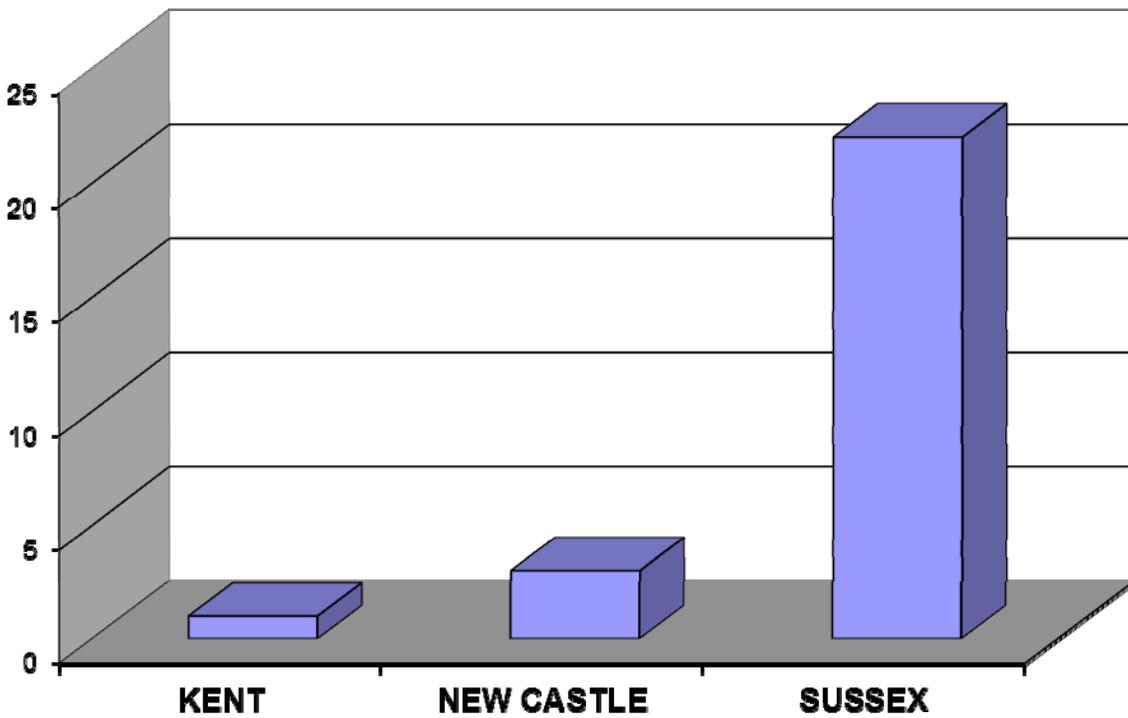
Visibility

GOOD	22
FAIR	2
POOR	1

Water Conditions

CALM	17
CHOPPY	6
ROUGH	2
VERY ROUGH	0
CURRENT	0

Boating Accident by Location 2010



Personal Watercraft

PWC Accident Statistics

- 4 - Personal Watercraft Accidents
- 0 - PWC Fatalities
- 3 - PWC Injury Accidents
- 3 - Persons Injured
- 4 - PWC's Involved in accidents

Types of Personal Watercraft Accidents

- 3 - Collision with another vessel
- 1 - Collision with a fixed object

Arrest Statistics

Top Ten Wildlife Violations:

- **Hunt/Fish without a license**
- **Possess unlawful game**
- **Hunter orange**
- **Dump on Division Lands**
- **Operate off established roadway in Wildlife area**
- **Prohibited devices**
- **Fail to tag deer**
- **Loaded firearm vehicle/vessel**
- **Misc. wildlife violation**
- **Other deer violation**

Top Ten Fisheries Violations:

- **No Game Fish License/Stamp**
- **Flounder size**
- **White perch size**
- **Tautog size**
- **Game fish size**
- **Striped Bass size**
- **Release shark unharmed**
- **Striped Bass prohibited area**
- **C-D Canal fishing violation**
- **Misc. tidal species/creel**

Top Ten Shellfish Violations:

- **Crab Size Limit**
- **Recreational Crab Pot Tampering**
- **Oyster license violation**
- **Recreational Crab Pot marking**
- **Recreational crab pot limit**
- **Commercial Crab Pot Tampering**
- **Hard Clam prohibited area**
- **Sponge Crab violation**
- **Crab/ commercial area violation**
- **Crab/ commercial license**

Top Ten Boating Violations:

- **Equipment Violation - PFDs**
- **Child not wearing a PFD**
- **Boating Safety Certificate**
- **Invalid registration**
- **Slow no wake**
- **Boating Under the Influence**
- **Negligent Operation**
- **Boat ramp certificate**
- **Equipment violation/ other**
- **Fire Ext. violation**

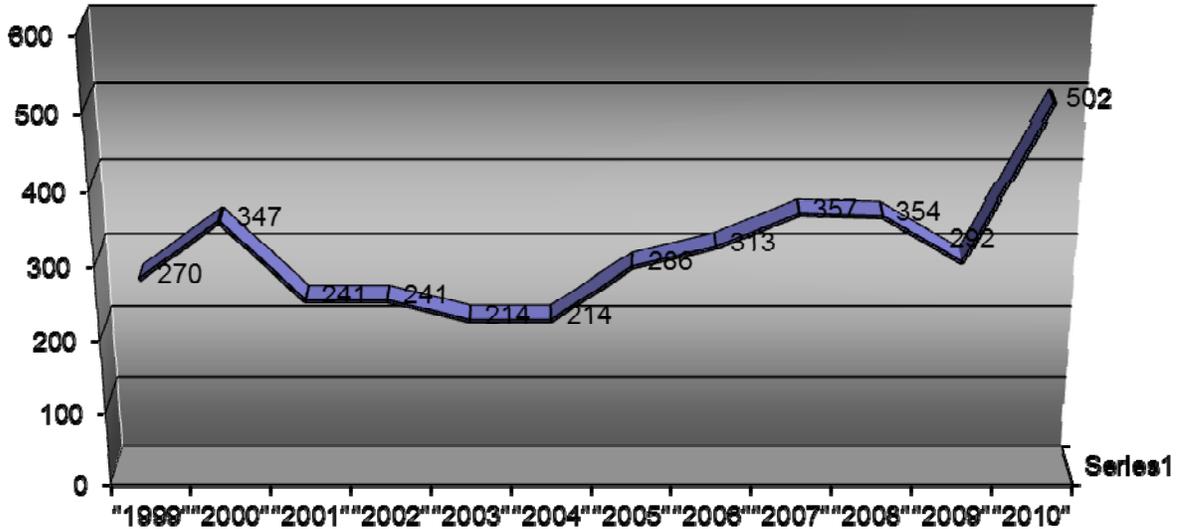
Top Ten Traffic Violations:

- **Other moving violations**
- **Unregistered vehicle**
- **Drive Without License**
- **Identity of operator/ OHV**
- **Drive while suspended or revoked**
- **Careless driving**
- **Equipment violation**
- **Fail to stop/ stop sign**
- **Parking violation**
- **Disregard traffic control device**

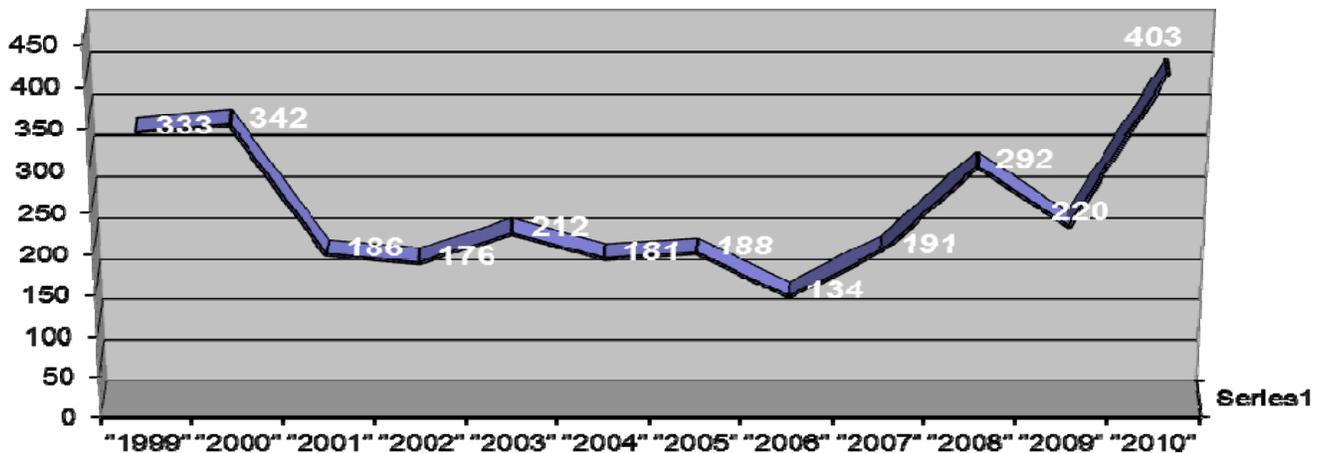
Top Ten Criminal Violations:

- **Other**
- **Conspiracy**
- **Lewdness**
- **Loitering**
- **Criminal trespass**
- **Possess schedule I drug**
- **Possess drug paraphernalia**
- **Criminal mischief**
- **Disorderly conduct**
- **Theft**

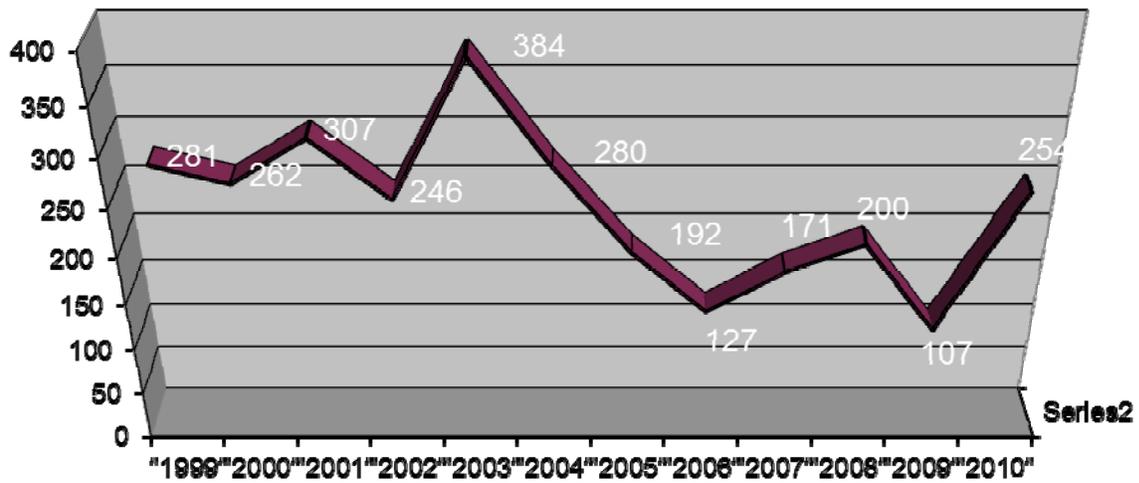
Boating Arrests Yearly Comparison



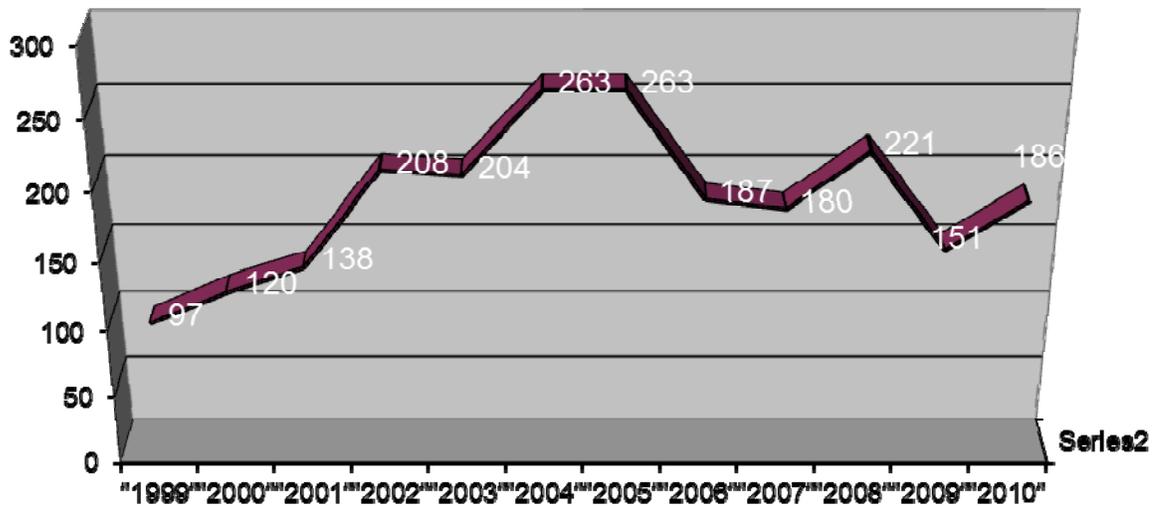
Fisheries Arrests Yearly Comparison



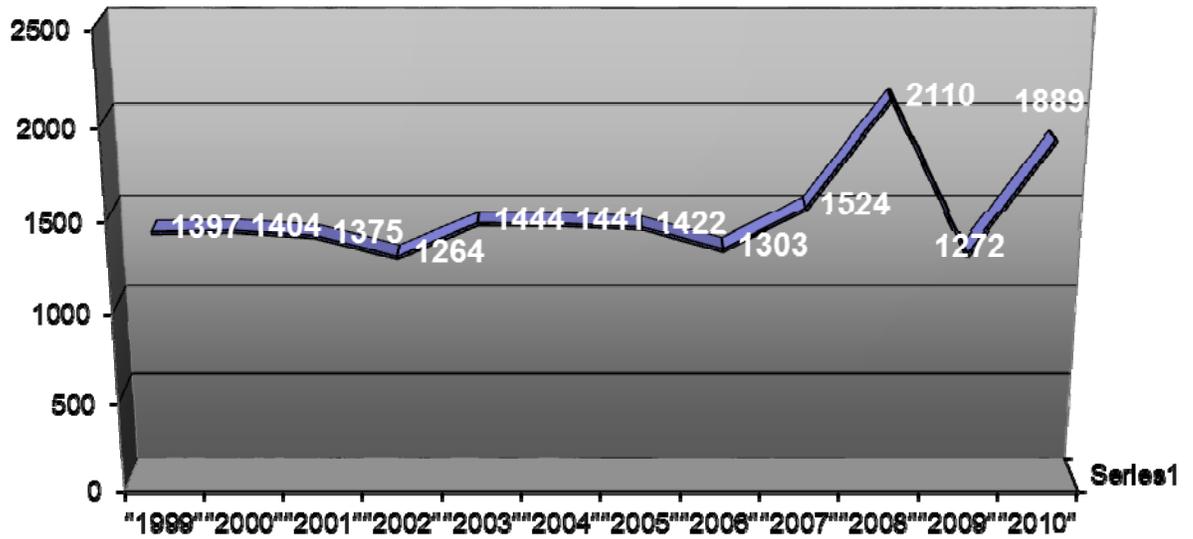
Shellfish Arrests Yearly Comparison



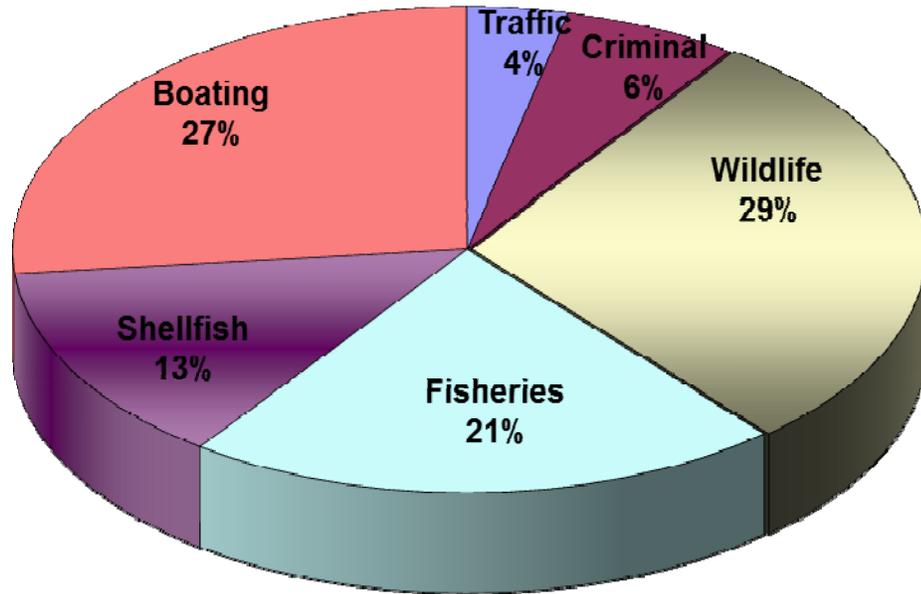
Traffic and Criminal Arrests Yearly Comparison



Total Yearly Arrests Comparison by Year



2010 Arrests by Class



2010 Arrests by County Units

