



Florida Fish and Wildlife Conservation Commission

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Managing fish and wildlife resources for their long-term well-being and the benefit of people.

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MyFWC.com

September 30, 2014

Cynthia Kelly, Director  
Office of Policy and Budget  
Executive Office of the Governor  
1701 Capitol  
Tallahassee, Florida 32399-0001

JoAnne Leznoff, Staff Director  
House Appropriations Committee  
221 Capitol  
Tallahassee, Florida 32399-1300

Cindy Kynoch, Staff Director  
Senate Committee on Appropriations  
201 Capitol  
Tallahassee, FL 32399-1300

Dear Directors:

Pursuant to Chapter 216, Florida Statutes, our Long Range Program Plan (LRPP) for the Florida Fish and Wildlife Conservation Commission is submitted in the format prescribed in the budget instructions. The information provided electronically and contained herein is a true and accurate presentation of our mission, goals, objectives and measures for the Fiscal Year 2015-16 through Fiscal Year 2019-20. The internet website address that provides the link to the LRPP located on the Florida Fiscal Portal is <http://myfwc.com/about/overview/long-range/>. This submission has been approved by Charlotte Jerrett, Chief Financial Officer 850-617-9600

Sincerely,

Eric Sutton  
Assistant Executive Director

Cc: Charlotte Jerrett

# FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION



LONG RANGE PROGRAM PLAN

FY 2015-2016 THROUGH 2019-20

SUBMITTED – SEPTEMBER 30, 2014

## Agency Commissioners

Richard A. Corbett – Chairman

Brian S. Yabloski – Vice Chairman

Ron Bergeron – Richard Hanas - Bo Rivard

Aliese P. "Liesa" Priddy – Charles W. Roberts III

## **Mission Statement**

Managing fish and wildlife resources for their long-term well-being and the benefit of people

## **Goals**

To provide for healthy resources and safe, satisfied customers

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION OBJECTIVES

1) OBJECTIVE 1A: TO PROVIDE FOR INCREASING OR STABLE FISH AND WILDLIFE POPULATIONS

2) OBJECTIVE 2A: TO INCREASE THE NUMBER OF CUSTOMERS AND CONTINUE TO PROVIDE CUSTOMER SATISFACTION

**FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION**  
**Goals and Objectives**  
(In Priority Order)

**GOAL: TO PROVIDE FOR HEALTHY RESOURCES AND SATISFIED CUSTOMERS.**

**OBJECTIVE 1A: TO PROVIDE FOR INCREASING OR STABLE FISH AND WILDLIFE POPULATIONS.**

**OUTCOME 1A: Percent of wildlife species that are increasing or stable.**

Baseline/ Year	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020
48.7	48.7%	48.7%	48.7%	48.7%	48.7%

**OUTCOME 1B: Percent of marine fishery stocks that are increasing or stable.**

Baseline/ Year	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020
80%	80%	80%	80%	80%	80%

**OUTCOME 1C: Number of public contacts by law enforcement.**

Baseline/ Year	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020
973,920	1,098,789	1,098,789	1,098,789	1,098,789	1,098,789

**OUTCOME 1D: Percent of research projects that provide management recommendations or support management decisions.**

Baseline/ Year	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020
100%	100%	100%	100%	100%	100%

**OUTCOME 1E: Percent of critical habitat (hot spots) secured and preserved through land acquisition, leases, conservation easements, management contracts or partnerships with landowners and other agencies.**

Baseline/ Year	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020
38%	41%	42%	42%	43%	43%

**OBJECTIVE 2A: TO INCREASE THE NUMBER OF CUSTOMERS AND CONTINUE TO PROVIDE CUSTOMER SATISFACTION.**

**OUTCOME 2A: Percent change in licenses and permits issued.**

Baseline/ Year	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020
-0.1%	0.3%	.01	.01	.01	.01

**FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION**  
**Goals and Objectives**  
(In Priority Order)

**OUTCOME 2B: Percent change in the number of information and education materials provided to citizens, particularly through the use of electronic media.**

<b>Baseline/ Year</b>	<b>FY 2015-2016</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>
0%	2%	2%	2%	2%	2%

**OUTCOME 2C Percent of satisfied hunters.**

<b>Baseline/ Year</b>	<b>FY 2015-2016</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>
80%	80%	80%	80%	80%	80%

**OUTCOME 2D Percent of satisfied freshwater anglers.**

<b>Baseline/ Year</b>	<b>FY 2015-2016</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>
75%	75%	75%	75%	75%	75%

# FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

## Linkage to Governor's Priorities.

*(List each of your agency goals under the appropriate priority below.)*

### #1 – Improving Education

- World Class Education

Maintaining healthy resources and safe satisfied customers requires real time information on the status and health of fish and wildlife resources. Service contracts with Florida's universities support the development of the highest quality scientific information on the status of Florida's fish and wildlife resources. Florida has a number of world-class research universities with which the agency will continue to partner with in the fulfillment of its mission.

### #2 – Economic Development and Job Creation

- Focus on Job Growth and Retention

The provision of healthy fish and wildlife resources for safe and satisfied customers supports significant economic benefits to the State.

- Reduce Taxes

The Commission worked with the Governor and the Legislature to repeal a number of licenses, permits and associated fees that were either obsolete or no longer necessary to fulfill the agency's mission. The repeals were included in Chapter 2014-136, Laws of Florida.

- Regulatory Reform

The Commission reviewed all regulations to identify those that could be repealed or amended. All new regulations are being evaluated for alternatives before being proposed and all new or amended regulations are being evaluated for economic impacts.

### #3 – Maintaining Affordable Cost of Living in Florida

- Accountability Budgeting

The Commission uses budgeted funding in a fiscally accountable and conservatively responsible manner to provide healthy resources for satisfied customers.

- Reduce Government Spending

The Commission has worked extensively with the Governor and Legislature to come up with reductions and innovative solutions to delay some services and continue other services at a reduced cost, while ensuring healthy resources and safe, satisfied customers. Some examples include reducing printing costs as information is provided electronically, and expanding the use of teleconferencing to reduce travel costs. Additionally, moving as many finance and accounting records as possible to electronic formats has reduced storage costs for records retention and reduced costs of copying and mailing. This also increased efficiency in recalling records as necessary for research or public records requests. Many automated workflows have been created, increasing efficiency by greatly reducing paper, all costs associated with the handling of paper and the time needed to complete the forms required and document financial activities.

- Reduce Taxes

The Commission worked with the Governor and the Legislature to propose the repeal of a number of licenses, permits and associated fees that were either obsolete or no longer necessary to fulfill the agency's mission. The repeals were included in Chapter 2014-136, Laws of Florida.



## TRENDS AND CONDITIONS STATEMENT

### **a. Agency primary responsibilities – based on statute**

The Florida Fish and Wildlife Conservation Commission (FWC) exercises the regulatory and executive powers of the state with respect to wild animal and marine life. The agency's primary responsibilities are based on the following statutes and constitutional authority: Chapters 379 and 327, Florida Statutes, and Article 4, Section 9 and Article 10, Section 16, Florida Constitution.

### **b. What led the agency to select its priorities?**

FWC has selected its priorities based on stakeholder "areas of concern" identified in surveys of stakeholders and Florida citizenry conducted prior to the development of its Agency Strategic Plan in 2005. The surveys reflected input about the strengths, weaknesses, opportunities and threats related to the agency's current condition and desired future direction. Issues identified focused on addressing stakeholder desires and priorities, customer needs, making leadership changes related to priorities, funding issues, the use of partnerships for public education and to assist in problem solving, using science as a basis for decision making, doing proactive research, rethinking the best use of law enforcement and having Commission processes that allow for stakeholder involvement in proactive solutions well in advance of a need for rule making. Continuous consultation with FWC commissioners is critical for addressing the agency's priorities.

### **c. How the agency will generally address the priorities over a five-year period**

FWC began revising its Agency Strategic Plan in 2012. The framework used for the revision process supported the common understanding among staff and stakeholders of the most important activities for FWC to conduct and the reasons for doing them. The process provided a forum for reflective, critical and realistic discussions about agency priorities, using a "systems approach" which encourages thinking about and planning activities from a wide perspective beginning with "WHERE" we're heading as an agency relative to conservation and "WHY" we're going in that direction. It also supported examining how our activities are impacted by other's actions; how we impact other's activities and how they all intersect. This systems approach helped us better understand and appreciate those impacts and how we can improve integration among work units, increase partnerships and collaboration with federal, state and local governments, academia and the non-profit and private sectors.

Commissioners and staff of FWC developed the revised strategic plan (2014-2019) to focus the strength of the agency on the most essential conservation challenges while ensuring safe and enjoyable public access to Florida's fish and wildlife resources. Fundamental to the success of the plan are the principles that conservation is a public trust responsibility and that FWC will need and seek the active involvement of Floridians. Commissioners identified policy areas to serve as a framework for adapting to changing conditions in Florida over the next 20 years. In reviewing and discussing these areas, Commissioners and the staff assessed current conditions, and Commissioners provided long-range policy guidance for high-priority needs and opportunities. The staff used the policy guidance, along with elements from other planning efforts, to develop the Strategic Initiatives. These initiatives emphasize areas in which

FWC needs to make significant progress over the next 5–10 years. The plan's themes, goals, and strategies define the work that will be required to achieve our mission, and they provide the context in which the Strategic Initiatives will be realized.

A description of each Division and Office follows:

### **Habitat and Species Conservation**

With a goal of ensuring healthy populations of all native species and their habitats on a statewide basis, the Division of Habitat and Species Conservation (HSC) integrates scientific data with applied habitat management to maintain stable or increasing populations of fish and wildlife. Integration efforts focus on the ecosystem or landscape scale to provide the greatest benefits to the widest possible array of fish and wildlife species. Accomplishing this goal requires extensive collaboration and partnering with local, state and federal agencies to maintain diverse and healthy fish and wildlife populations for the benefit of all Floridians and visitors. Direct benefits include ecological, economic, aesthetic, scientific and recreational benefits. The division:

- Manages aquatic habitat for marine, estuarine and freshwater systems to benefit the widest possible array of fish and wildlife
- Manages natural plant communities on public lands for diversity of wildlife species while providing quality recreational experiences
- Works in partnership with landowners to provide habitat for a diversity of species
- Provides support and assistance for habitat-related issues to private and public sector landowners, including local, state and federal governments, to inform and influence land and water use decisions affecting wildlife habitat management
- Develops and implements species management plans that serve as conservation blueprints for managing threatened species and implements conservation programs that are designed to maintain Florida's unique wildlife diversity
- Coordinates nonnative species management and research to protect native species in Florida, focusing on prevention, early detection and rapid response to introductions of nonnatives
- Implements conservation programs for imperiled species such as manatees, Florida panthers and sea turtles to increase populations of these imperiled species
- Directs, regulates and distributes funds for the control of invasive plants on public conservation lands and in public water bodies for the protection of native plant and animal life, human health, safety, recreation and property.

### **Law Enforcement**

FWC officers have full police power and jurisdiction to enforce all laws of the state. FWC officers operate in a challenging multi-tasking environment – protecting residents and visitors who enjoy Florida's natural resources, while enforcing resource protection, environmental protection and boating safety laws. Cooperative agreements with the National Marine Fisheries Service and the U.S. Fish and Wildlife Service cross-deputize FWC officers to enforce federal marine fisheries and wildlife laws, thus ensuring state and federal consistency in resource protection. FWC officers also

partner with and assist many other governmental entities to maximize law enforcement services and protection for state resources and the public through mutual aid agreements. The Division:

- Emphasizes compliance with laws protecting Florida's fish, wildlife, and habitats
- Provides boating and waterways enforcement and educational activities to promote and enhance safe boating
- Conducts search and rescue missions to protect the public statewide – saving over 1,000 people each year
- Protects the environment and state lands to ensure sustainability of Florida's diverse ecosystems
- Is the sole law enforcement presence in the most remote areas of the state – providing law enforcement and protection services as first responders protecting life and property
- Utilizes specialized capabilities, training, and equipment to respond to emergencies, disasters, and other critical incidents
- Provides support to domestic and homeland security initiatives and subject matter expertise for law enforcement operations and hazards disaster response in wilderness and maritime areas.

### **Fish and Wildlife Research Institute**

The Fish and Wildlife Research Institute (FWRI) is the research division within FWC that provides wide-ranging data and information needed by fish, wildlife, and ecosystem resource managers. FWRI's statewide programs acquire and distribute vital scientific information necessary to support management decisions that protect Florida's natural resources. FWRI research on survival, reproduction, mortality, population status and trends, animal distribution and movement patterns as well as their habitat requirements informs and supports population and habitat management decisions such as fish and wildlife harvest strategies and threatened and endangered species recovery plans. FWRI also assesses natural and man-made impacts to fish and wildlife and their habitats such as those from harmful algal blooms and oil spills. Population and habitat management and restoration techniques are developed to conserve fish and wildlife and the habitats they depend on.

### **Marine Fisheries Management**

The Division of Marine Fisheries Management develops regulatory and management recommendations for consideration by FWC Commissioners. These regulations are designed to ensure the long-term conservation of Florida's valuable marine fisheries resources. The director of the division serves as designee for the Executive Director to a number of federal agencies on marine issues specifically the Gulf of Mexico Fishery Management Council, South Atlantic Fishery Management Council, Atlantic States Marine Fisheries Commission and Gulf States Marine Fisheries Commission.

### **Freshwater Fisheries Management**

The Division of Freshwater Fisheries Management (DFFM) provides expertise on freshwater fish populations, aquatic habitat, angler use, and other aspects of freshwater fisheries needed for management decisions by the FWC. DFFM also assesses impacts of actions and decisions made by

others to ensure quality fisheries and fishing in selected Florida lakes, fish management areas, rivers and streams.

### **Hunting and Game Management**

The Division of Hunting and Game Management provides for the safe and responsible use of wildlife species that are hunted. Specifically, it:

- Offers scientific expertise on game wildlife such as alligators, deer, small game, waterfowl and wild turkeys
- Develops science-based management strategies for game wildlife, including hunting regulations
- Provides hunter safety training and certification to citizens through volunteer instructors
- Develops and manages public shooting ranges
- Develops regulations and brochures for wildlife management areas, wildlife and environmental areas, and other public hunting areas throughout the state

### **Finance and Budget**

The Finance and Budget Office is responsible for budgeting, accounting, operational services and central agency support for all divisions and offices of the FWC. This office provides sound financial management of FWC resources while providing information and support services to agency employees and other customers. Finance and Budget Office personnel are located in the five regional offices, the St. Petersburg office of the Fish and Wildlife Research Institute and in the Tallahassee office.

### **Community Relations**

The Community Relations (CR) Office coordinates the communication efforts of the Commission. These efforts include internal agency communications, external media coordination social media activity, digital communication direct to residents and visitors, and community outreach events. CR coordinates agency activities to inform Floridians and visitors of the role and value of Florida's fish and wildlife resources and to foster a sense stewardship for these resources.

### **Licensing & Permitting**

The Office of Licensing and Permitting provides a coordinated point of contact for customers to obtain licenses and permits, and it coordinates the agency's efforts to provide answers to general information questions from the public. The Licensing and Permitting section processes all recreational fishing and hunting licenses and permits issued by FWC, making them available at over 900 agent and tax collector locations, through the Internet and by telephone. This section also processes commercial freshwater and saltwater licenses, and captive wildlife licenses.

### **Executive Director**

The Office of the Executive Director (OED) provides day-to-day administrative leadership for 1,989 full-time equivalent employees, including 853 sworn law enforcement officers and 659 Other

Personal Services employees of Fish and Wildlife Conservation Commission. The director serves at the pleasure of the Commissioners, and any new appointee the Commissioners select must also be confirmed by the Senate. OED assists with the guidance and direction of the work supporting high level, cross cutting divisional priorities, including the establishment and expansion of youth conservation centers, decreasing regulations and streamlining the permitting process.

### Legal

The Legal Office provides for all legal services to the Commission and its divisions and offices. Legal services include representation in litigation, preparation of legal opinions, development and review of contracts and other legal instruments, drafting and review of legislation and rules, and general legal counseling relating to FWC operations.

### Human Resources

The purpose and function of the Office of Human Resources is to provide service and support to agency employees and management in the areas of personnel laws and rules; training coordination; diversity programs; pay; retirement benefits; health and life insurance benefits; collective bargaining; discipline administration; recruitment and selection; attendance and leave; position classification; workers' compensation and unemployment compensation.

### Public Access and Wildlife Viewing

The Office of Public Access and Wildlife Viewing (PAWV) is FWC's primary means to support Florida's lead economic engine, tourism. PAWV provides opportunities for Floridians and visitors to experience Florida's wildlife management area system. Staff develops a range of public access improvements and interpretive materials to increase visitors' enjoyment and understanding of fish and wildlife and their habitats. The Office promotes wildlife tourism through programs such as the Great Florida Birding and Wildlife Trail and Wings Over Florida. Staff provides technical assistance to local communities particularly in rural areas designed to help them achieve economic benefits for their communities by conserving wildlife habitat and promoting wildlife-related tourism. The Office coordinates and supports agency volunteer programs to leverage state dollars and achieve greater conservation benefits. Tens of thousands of Floridians partner with FWC through these programs.

### Information Technology

The Office of Information Technology provides technical support and guidance to each program and office within the FWC to help them meet the business goals and priorities of their areas. Key components include enabling the creation, manipulation, storage, management and rapid retrieval of information and providing appropriate tools to navigate those resources. There are currently seven areas of expertise: Desktop Services, Network Services, Application Services, Internet Services, SharePoint and Collaboration Services, Records Management and Telecommunications Management.

## Legislative Affairs

The Legislative Affairs Office develops and coordinates state and federal legislative activities for the FWC. This office works with the Legislature as it considers the agency's legislative proposals, and provides necessary information to the Florida Legislature and the U.S. Congress about other legislation under consideration that might affect Florida's fish and wildlife resources. Working in conjunction with the Chief Financial Officer, the Legislative Affairs Office also works with the Legislature as it develops the agency's budget.

## Policy and Accountability

The Office of Policy and Accountability (OPA) supports and coordinates agency strategic planning, policy development and rule making; and leads and coordinates FWC efforts and activities associated with Gulf Restoration following the 2010 Deepwater Horizon oil spill.

## Inspector General

The Office of Inspector General (OIG) provides a central point for coordination of and responsibility for activities that promote accountability, integrity and efficiency within the FWC. The OIG accomplishes these goals through internal audits, investigations and management reviews. Additionally, the OIG conducts investigations brought under the agency's Ombudsman Program and investigates complaints that fall under the state's whistle-blower statute or that involve alleged sexual harassment.

## **Regional Operations**

[Northwest](#)   [Northeast](#)   [North Central](#)   [Southwest](#)   [South](#)

Five regional FWC offices coordinate and integrate agency programs at the local level to ensure the FWC's mission, policies, and service are consistent across the state. These offices maintain effective and inclusive internal and external communications. Each regional director provides an access point to the FWC's leadership on a local level, serving as liaison with federal, state and local government officials within each specific region.

## **Teams, Working Groups and Management Plans**

FWC has determined that greater use of issue teams that involve knowledgeable staff from different divisions and offices would lead to greater integration and more effective implementation of fish and wildlife conservation priorities. The current teams are listed in part below and this list also serves to identify important priorities of the FWC.

FWC has also adopted a strategy of developing management plans for priority species that have been identified as imperiled. These Florida specific management plans are the result of an imperiled species listing process that includes extensive public input, internal scientific recommendations, and external scientific expertise. Current management plans are in place for the following priority species:

- Bald Eagle
- Florida Manatee
- Gopher Tortoise
- Flatwoods Salamander
- Peregrine Falcon
- Red-cockaded Woodpecker
- Miami Blue Butterfly
- Bear

In addition, the FWC is developing an Imperiled Species Management Plan to address the conservation needs of 60 State-listed species being removed from the State list that are not already addressed by a management plan.

**d. The justification of revised or proposed new programs and / or services**

None.

**e. Justification of final projection for each outcome and include an impact statement relating to demand and fiscal implications**

**Outcome 1 A: Percent of wildlife species that are increasing or stable**

Some wildlife populations are affected more than others as Florida’s population continues to increase. This is primarily caused by habitat loss, degradation, or fragmentation. However, with appropriate planning, management, research, partnership and funding FWC can maintain the percentage of wildlife species with stable or increasing populations

**Outcome 1 B: Percent of marine fishery stocks that are increasing or stable**

A number of marine fish species are recovering after management actions have been taken to avoid unsustainable harvest pressure. We, along with our federal and other state partners, expect several of these populations to continue to improve over the next five years.

**Outcome 1 C: Number of public contacts by law enforcement**

Past experience shows that the number of contacts with the public fluctuate based on a number of factors outside the control of FWC that include: staff vacancies, natural disasters or unusual weather, resource use by the public, and demands for homeland security directed patrols. Current economic conditions have limited or reduced funding for law enforcement operations. These factors eventually negatively affect the opportunities for officers to make direct public contacts. We project these contacts to remain constant over the next five years depending on economic conditions.

**Outcome 1 D: Percent of research projects that provide management recommendations or support management actions**

We expect to continue ensuring all research projects provide recommendations to or otherwise support management actions.

**Outcome 1 E: Percent of critical habitat (hot spots) protected through land acquisition, leases, conservation easements, management contracts or partnerships with landowners and other agencies.**

This outcome focuses on conserving critical fish and wildlife habitat. FWC's primary means of doing so is through the Florida Forever Program along with conservation easements, landowner management contracts and partnerships with landowners and other agencies. Based on anticipated funding levels, we project an ability to increase protected habitat by 1% over the next five years.

**Outcome 2 A: Percent change in licenses and permits issued**

We expect license sales to fluctuate nominally. Many factors affect the demand for licenses, e.g., interest in fishing and hunting, general economic conditions, fuel prices, weather conditions and demographic and sociological trends.

**Outcome 2 B: Percent change in the number of information and education materials provided to citizens, particularly through the use of electronic media.**

FWC will continue to move towards providing more information, reports, publications and other material via the internet. We are reducing traditional printing and associated costs. We expect delivery of information to the public to continue to increase even though traditional distribution of FWC printed materials may decrease.

**Outcome 2 C: Percent of satisfied hunters**

We expect satisfaction of hunters to remain at current levels for the next five years.

**Outcome 2 D: Percent of satisfied freshwater anglers**

We expect satisfaction of freshwater anglers to remain at current levels for the next five years.

**f. List of potential policy changes affecting the agency budget request or governor's recommended budget**

None.

**g. List of changes, which would require legislative action, including the elimination of programs, services and / or activities**

Allow counties to use their portion of revenues from vessel registrations for additional boating-related activities, consistent with the intent of the original statute, that the revenues be used to provide direct benefit to boaters.



Authorize boating law violators to take an online course to satisfy mandatory boating education requirements, in addition to the current option of taking the course in person.

Authorize the Commission to, by rule or executive order, require a hunting license (and, unless exempt, to complete the hunter safety education course) to take wildlife on public lands.

Correct an antiquated and incorrect statutory reference, replacing the reference to the Department of Children and Families with a reference to the Agency for Persons with Disabilities as the agency whose clients receiving developmental disabilities services are exempted from having to possess a recreational fishing license.

**h. List of all task forces studies, etc., in progress**

Anchoring and Mooring Pilot Program In 2009, the Legislature directed the Commission, in consultation with the Florida Department of Environmental Protection, to establish a pilot program to explore potential options for regulating the anchoring and mooring of vessels outside of permitted mooring fields. State law provides for two test sites on the east coast, two on the west coast, and one in Monroe County. Test sites were selected in St. Augustine, Stuart/Monroe County, St. Petersburg, Sarasota, and Monroe County/ Marathon/Key West. The Commission submitted a report of findings to the Governor, President of the Senate, and Speaker of the House of Representatives January 1, 2014, as required by law, and the Legislature subsequently passed a three-year extension of the program to allow additional time to assess the various regulatory schemes in the test sites and to formulate recommendations aimed at solving local anchoring issues while targeting statewide consistency. The Law Enforcement Program will continue to coordinate with these governing entities for the purpose of monitoring and evaluating their respective test areas. A report of findings and recommendations must be submitted to the Governor, President of the Senate, and Speaker of the House of Representatives by January 1, 2017, and all local ordinances associated with the pilot program will expire on June 30, 2017, unless further legislative action is taken.

**Florida Fish and Wildlife Conservation Commission Advisory Entities**

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Advisory Entity Name	Authorization (Statutory, rule or managerial initiative)	Purpose and Activities
Boating Advisory Council	327.803, F.S.	A board organized for the purpose of providing advice or recommendations to staff or the Commission on matters of rule or policy

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relating to issues affecting the boating community (including, but not limited to, boating and diving safety education, boating-related facilities, boat usage, boat access, and working waterfronts.

Harmful Algal Bloom Task Force

379.2271, F.S. & continued as Managerial Initiative

A group organized to determine research, monitoring, control and mitigation strategies for red tide and other harmful algal blooms in Florida waters. Provides its recommendations to the Fish and Wildlife Research Institute.

Management (WMA) Advisory Group

259.032(10)(b), F.S. and Managerial Initiative

A group organized for the purpose of providing advice or recommendations to FWC staff or the Commission on individual management plans for Wildlife Management Areas (WMAs).

# **Performance Measures and Standards**

## **LRPP Exhibit II**

## LRPP Exhibit II - Performance Measures and Standards

Department: Florida Fish and Wildlife Conservation Commission	Department No: 77
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Program: Executive Direction and Administrative Services	Code: 77100000
Service/Budget Entity: Office of Executive Direction and Administrative Support Services	Code: 77100700

**NOTE: Approved primary service outcomes must be listed first.**

Approved Performance Measures for FY 2014-15 (Words)	Approved Prior Year Standard FY 2013-14 (Numbers)	Prior Year Actual FY 2013-14 (Numbers)	Approved Standards for FY 2014-15 (Numbers)	Requested FY 2015-16 Standard (Numbers)
Compliance with recreational and commercial licensing rules and law	99%	99%	99%	99%
Percent change in licensed anglers	1.00%	4.90%	1.00%	1.00%
Percent change in the number of licensed hunters	-0.05%	3.93%	-0.05%	-0.05%
Number of recreational licenses and permit issued	2,300,000	2,432,325	2,300,000	2,300,000
Number of wildlife and freshwater fishing commercial licenses and permits issued	135,000	215,008	135,000	150,000
Number of commercial and other marine fishing license processed	2,100,000	2,048,435	2,100,000	2,100,000
Number of counties assisted or advised regarding use of nature-based recreation as an economic development tool	28	57	28	57
Number of people reached with fish and wildlife messages	4,327,601	19,575,097	4,327,601	10,000,000
Economic impact of fishing, hunting and wildlife viewing(dollars/jobs)	\$10.1 Billion / 105,636	\$10.1 Billion / 105,636	\$10.1 Billion / 105,636	\$10.1 Billion / 105,636
Number of people reached with conservation messages	3,188,500	2,022,701	3,188,500	2,022,701
Administrative costs as a percent of total agency costs	6.39%	5.22%	6.39%	6.39%
Administrative positions as a percent of total agency positions	8.58%	7.92%	8.58%	8.58%
Administrative costs per division	1,238,089	1,252,158	1,238,089	1,238,089
Administrative positions per division	14.5 FTE	12 FTE	14.5 FTE	14.5 FTE

## LRPP Exhibit II - Performance Measures and Standards

Department: Fish & Wildlife Conservation Commission	Department No.:
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Program: Law Enforcement	Code: 77200000
Service/Budget Entity: Fish, Wildlife, and Boating Law Enforcement	Code: 77200100

**NOTE: Approved primary service outcomes must be listed first.**

Approved Performance Measures for FY 2014-15 (Words)	Approved Prior Year Standard FY 2013-14 (Numbers)	Prior Year Actual FY 2013-14 (Numbers)	Approved Standards for FY 2014-15 (Numbers)	Requested FY 2015-16 Standard (Numbers)
Compliance with specified commission rules and state law	81.4%	93.0%	81.4%	81.4%
Response time to emergency calls	43 minutes	48	43 minutes	43 minutes
Number of recreational boating injuries	450	375	450	450
Number of warnings, arrests, and convictions	127,692	96,616	127,692	127,692
Number of vessels checked	320,345	241,962	320,345	320,345
Aircraft down time	<5.1 day/month/aircraft	<5.6 day/month/aircraft	<5.1 day/month/aircraft	<5.1 day/month/aircraft
Communications equipment down time	<2.5 day/year/radio	<2.5 day/year/radio	<2.5 day/year/radio	<2.5 day/year/radio
Total number of hours spent in preventative patrol and investigations	930,391	1,251,623	930,391	930,391
Number of vessel safety inspections	320,345	241,962	320,345	320,345
Total number of boating accidents investigated	1,292	671	1,292	1,292
Number of patrol hours	861,026	967,189	861,026	861,026
Number of investigative hours	69,365	284,434	69,365	69,365
Number of officers and recruits trained	737	851	737	737
Number of enforcement flight hours	4,821	3,551	4,821	4,821
Number of boats repaired	351	2,401	351	351
Number of equipment repairs	3,282	6,492	3,282	3,282
Number of data-related information requests fulfilled	156	201	156	156
Number of regulatory zones properly permitted	50	34	50	50
Number of boating safety education cards issued	20,000	38,499	20,000	20,000

## LRPP Exhibit II - Performance Measures and Standards

Department: Fish and Wildlife Conservation Commission	Department No.: 77
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Program: Wildlife	Code: 77300000
Service/Budget Entity: Hunting and Game Management	Code: 77300200

**NOTE: Approved primary service outcomes must be listed first.**

Approved Performance Measures for FY 2014-15 (Words)	Approved Prior Year Standard FY 2013-14 (Numbers)	Prior Year Actual FY 2013-14 (Numbers)	Approved Standards for FY 2014-15 (Numbers)	Requested FY 2015-16 Standard (Numbers)
Percent of satisfied hunters	80%	76.6%	80%	80%
Number of students graduating from hunter education courses	10,000	13,612	10,000	10,000
Number of Commission managed areas providing public hunting opportunities	144	163	144	144
Number of hunting accidents	10	7	10	10
Number of Hunters Served	150,000	175,526	150,000	150,000

## LRPP Exhibit II - Performance Measures and Standards

Department: Fish and Wildlife Conservation Commission	Department No.: 77000000
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Program: Wildlife	Code: 77350000
Service/Budget Entity: Habitat and Species Conservation	Code: 77350200

**NOTE: Approved primary service outcomes must be listed first.**

Approved Performance Measures for FY 2014-15 (Words)	Approved Prior Year Standard FY 2013-14 (Numbers)	Prior Year Actual FY 2013-14 (Numbers)	Approved Standards for FY 2014-15 (Numbers)	Requested FY 2015-16 Standard (Numbers)
Percent of critical habitat (hot spots) secured and preserved through land acquisition, leases, conservation easements, management contracts or partnerships with landowners and other agencies	44.0%	46.00%	44.0%	44.0%
Percent of wildlife species whose biological status is stable or improving	48.7%	48.70%	48.7%	48.7%
Number of acres managed for wildlife	5,539,815	5,911,730	5,539,815	5,539,815
Number of written technical assists provided	750	1,163	750	750
Number of survey and monitoring projects	195	197	195	195
Acres of fish and wildlife habitat conserved	100	5,100	100	100
Number of recovery plan actions implemented	60	54	60	60
Number of water acres where habitat rehabilitation projects have been completed	69,592	87,269	69,592	69,592
Number of acres of public water bodies managed	1,250,000	1,250,000	1,250,000	1,250,000
Acres of public conservation lands infested with upland invasive exotic plants that have had control measures implemented	80,345	414,854	80,345	80,345

## LRPP Exhibit II - Performance Measures and Standards

Department: FL Fish and Wildlife Conservation Commission	Department No.: 77
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Program: Freshwater Fisheries	Code: 77400000
Service/Budget Entity: Freshwater Fisheries Management	Code: 77400200

**NOTE: Approved primary service outcomes must be listed first.**

Approved Performance Measures for FY 2014-15 (Words)	Approved Prior Year Standard FY 2013-14 (Numbers)	Prior Year Actual FY 2013-14 (Numbers)	Approved Standards for FY 2014-15 (Numbers)	Requested FY 2015-16 Standard (Numbers)
Number of acres of water managed to improve fishing	904,781	1,714,207	904,781	904,781
Number of Fish Stocked	3,600,000	3,682,312	3,600,000	3,600,000
Percent angler satisfaction	75%	75%	75%	75%
Percent of Index Lakes where Fish Population are stable or increasing	70%	86%	70%	70%





## LRPP Exhibit II - Performance Measures and Standards

Department: FISH AND WILDLIFE CONSERVATION COMMISSION	Department No.: 77
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Program: Research	Code: 77650000
Service/Budget Entity: Fish and Wildlife Research Institute	Code: 77650200

**NOTE: Approved primary service outcomes must be listed first.**

Approved Performance Measures for FY 2014-15 (Words)	Approved Prior Year Standard FY 2013-14 (Numbers)	Prior Year Actual FY 2013-14 (Numbers)	Approved Standards for FY 2014-15 (Numbers)	Requested FY 2015-16 Standard (Numbers)
Number of fisheries assessment and data summaries conducted	149,602	1,039,054	149,602	149,602
Number of technical and analytical GIS remote sensing requests completed and GIS oil spill training assistance provided	1,470	1,104,538	200,758	200,758
Number of requests for status of endangered and threatened species and wildlife completed	99,522	172,653	99,522	99,522
Number of red tide and aquatic health assessments and communications to stakeholders completed	200,947	217,849	200,947	200,947
Number of manatees rehabilitated	52	83	52	52
Number of requests for assessments of seagrass, salt marsh, mangrove, coral, aquatic, and upland habitat	28,207	68,892	28,207	28,207

\*\*\*Request Performance measure titled change: due to the recommendation from IG review of measures to more clearly reflect actual activity

**Assessment of Performance for  
Approved Performance Measures  
LRPP Exhibit III**

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:** Florida Fish & Wildlife Conservation Commission  
**Program:** Public Access & Wildlife Viewing Services  
**Service/Budget Entity:** Office of Executive Direction and Administrative Support Services  
**Measure:** Number of people reached with conservation messages

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure           | <input type="checkbox"/> Revision of Measure |
| <input checked="" type="checkbox"/> Performance Assessment of <u>Output</u> Measure | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards                    |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
3,188,500	2,022,701	1,165,799	36.5%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Other (Identify)  |

**Explanation:**

**External Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems      |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster            |
| <input type="checkbox"/> Target Population Change                            | <input checked="" type="checkbox"/> Other (Identify) |
| <input type="checkbox"/> This Program/Service Cannot Fix the Problem         |  |
| <input type="checkbox"/> Current Laws Are Working Against the Agency Mission |  |

**Explanation:** In previous years, the Florida Monthly magazine published FWC articles with conservation messages. The magazine went out of business last year; As a result, the total number of people reached with conservation messages has declined.

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |  |
|------------------------------------|--|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology                  |
| <input type="checkbox"/> Personnel | <input checked="" type="checkbox"/> Other (Identify) |

**Recommendations:** Additional outreach will be available through the new GovDelivery system for members of the public who opt in to learn more about conservation topics.



## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:** Fish and Wildlife Conservation Commission  
**Program:** Law Enforcement  
**Service/Budget Entity:** Fish, Wildlife, and Boating Law Enforcement  
**Measure:** Aircraft Down Time

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
<5.1 day/month/aircraft	<5.6 day/month/aircraft	0.5	9%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

The standard goal was not met due to unavoidable extensive maintenance on several aircraft. Two aircraft required extended maintenance, due to scheduled engine overhauls and one due to delays in getting repair parts from an out of the country aircraft manufacturer.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Communications Equipment Down Time

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
<2.5 day/year/radio	<2.5 day/year/radio	0	0%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard Achieved.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Compliance With Specified Commission Rules and State Law

**Action:**

- Performance Assessment of Outcome Measure     Revision of Measure  
 Performance Assessment of Output Measure     Deletion of Measure  
 Adjustment of GAA Performance Standards

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
81.40%	93%	11.6	14.2%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |   |   |
|---|---|
| <input type="checkbox"/> Personnel Factors<br><input type="checkbox"/> Competing Priorities<br><input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Staff Capacity<br><input type="checkbox"/> Level of Training<br><input checked="" type="checkbox"/> Other (Identify) |
|---|---|

**Explanation:**

Standard Achieved. Compliance rates are influenced by many variables and are expected to fluctuate. Such factors include, weather conditions, geographic conditions, officer presence, education, and voluntary compliance with laws/rules.

**External Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Resources Unavailable<br><input type="checkbox"/> Legal/Legislative Change<br><input type="checkbox"/> Target Population Change<br><input type="checkbox"/> This Program/Service Cannot Fix The Problem<br><input type="checkbox"/> Current Laws Are Working Against The Agency Mission | <input type="checkbox"/> Technological Problems<br><input type="checkbox"/> Natural Disaster<br><input checked="" type="checkbox"/> Other (Identify) |
|--|--|

**Explanation:**

Standard Achieved. Compliance rates are influenced by many variables and are expected to fluctuate. Such factors include, weather conditions, geographic conditions, officer presence, education, and voluntary compliance with laws/rules.

**Management Efforts to Address Differences/Problems** (check all that apply):

- |   |  |
|---|--|
| <input type="checkbox"/> Training<br><input type="checkbox"/> Personnel | <input type="checkbox"/> Technology<br><input type="checkbox"/> Other (Identify) |
|---|--|



**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:** Fish and Wildlife Conservation Commission

**Program:** Habitat and Species Conservation

**Service/Budget Entity:** Habitat and Species Conservation

**Measure:** Number of recovery plan actions implemented

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
60	54	6	10%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity              |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training           |
| <input type="checkbox"/> Previous Estimate Incorrect | <input checked="" type="checkbox"/> Other (Identify) |

**Explanation:** Staff did not participate in any of the listed recovery sub-team efforts as the team was disbanded by the U.S. Fish & Wildlife Service.

**External Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems      |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster            |
| <input type="checkbox"/> Target Population Change                            | <input checked="" type="checkbox"/> Other (Identify) |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |  |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |  |

**Explanation:** There are a few tasks that relate to the federal Manatee Recovery Team which has been disbanded since late 2007, so those tasks won't be completed. Some tasks were done through special funding from the legislature for sensory studies. Those funds no longer exist so only very limited work is being done now outside the agency.

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |  |
|------------------------------------|--|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology                  |
| <input type="checkbox"/> Personnel | <input checked="" type="checkbox"/> Other (Identify) |

**Recommendations:** Staff will be revising the state Manatee Management Plan and will evaluate whether some recovery goals should be revised and new tasks identified as a higher priority.



## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Number of Equipment Repairs

**Action:**

- Performance Assessment of Outcome Measure       Revision of Measure  
 Performance Assessment of Output Measure       Deletion of Measure  
 Adjustment of GAA Performance Standards

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
3,282	6,492	3,210	97%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |   |   |
|---|---|
| <input type="checkbox"/> Personnel Factors<br><input type="checkbox"/> Competing Priorities<br><input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Staff Capacity<br><input type="checkbox"/> Level of Training<br><input checked="" type="checkbox"/> Other (Identify) |
|---|---|

**Explanation:**

Standard Achieved.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable<br><input type="checkbox"/> Legal/Legislative Change<br><input type="checkbox"/> Target Population Change<br><input type="checkbox"/> This Program/Service Cannot Fix The Problem<br><input type="checkbox"/> Current Laws Are Working Against The Agency Mission | <input type="checkbox"/> Technological Problems<br><input type="checkbox"/> Natural Disaster<br><input type="checkbox"/> Other (Identify) |
|--|---|

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |   |  |
|---|--|
| <input type="checkbox"/> Training<br><input type="checkbox"/> Personnel | <input type="checkbox"/> Technology<br><input type="checkbox"/> Other (Identify) |
|---|--|

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Number of Investigative Hours

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
69,365	284,434	215,069	310%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard Achieved. Reporting processes have been revised to better define and capture investigative hours – this contributed to the increase in actual performance results. As these processes are refined, statistics for this measure may fluctuate. We recommend data be collected for at least 5 years to establish a baseline for this measure.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission   
**Program:**  Law Enforcement   
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement   
**Measure:**  Number of Officers and Recruits Trained

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
737	851	114	15%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard Achieved. The actual performance results includes officers, recruits, and reserve officers.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission   
**Program:**  Law Enforcement   
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement   
**Measure:**  Number of Boating Safety Education Cards Issued

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
20,000	38,499	18,499	92%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard Achieved. The increase in actual performance can be attributed to more students completing boating safety education courses for this reporting period.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A



## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission   
**Program:**  Law Enforcement   
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement   
**Measure:**  Number of Boats Repaired

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
351	2,401	2,050	584%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard Achieved. This increase is attributed to the vessel fleet aging and extensive repair work and engine replacements that are being required to maintain it in a safe and operable condition. Additional replacement funding this year may provide some relief. The actual performance results for this measure may continue to increase, but we recommend that data be collected for at least 5 years to establish a new baseline for this measure.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Number of Data-Related Information Requests Fulfilled

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
156	201	45	28%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard Achieved.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission   
**Program:**  Law Enforcement   
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement   
**Measure:**  Number of Vessel Safety Inspections

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
320,345	241,962	78,383	- 24%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | X Staff Capacity                           |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Increased fuel costs have required officers to double up in patrol vessels and have reduced the number of recreational boaters on the water. Also, the additional responsibility of providing law enforcement services in state parks has redirected enforcement activity. This, coupled with vacant sworn positions during part of this reporting period negatively impacted our ability to achieve this standard.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission   
**Program:**  Law Enforcement   
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement   
**Measure:**  Number of Vessels Checked

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
320,345	241,962	78,383	- 24%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | X Staff Capacity                           |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Increased fuel costs have required officers to double up in patrol vessels and have reduced the number of recreational boaters on the water. Also, the additional responsibility of providing law enforcement services in state parks has redirected enforcement activity. This, coupled with vacant sworn positions during part of this reporting period negatively impacted our ability to achieve this standard.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Number of Warnings, Arrests, and Convictions

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
127,692	96,616	31,076	-24%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | X Staff Capacity                           |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Economic factors (fuel costs) and vacant sworn positions during part of this reporting period negatively impacted our ability to achieve this standard. The price of fuel has caused officers to double up in patrol a vessel – which reduces officer coverage. Additionally, increased fuel costs have reduced the number of recreational boaters on the water. Ultimately, the desired expectation for this measure is a reduction in the number of warnings, arrests, and convictions. This would be positive and indicate higher compliance with state laws by resource users.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |



**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Response Time to Emergency Calls

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
43 minutes	48 minutes	5	11%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Response time is impacted by many variables which include geographic conditions, large patrol jurisdictions/areas, weather, equipment availability, officer availability, and traffic conditions. This figure reflects an average response time for the entire state.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Total Number of Boating Accidents Investigated

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
1,292	671	621	- 48%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard achieved. Ultimately, the desired standard and achieved results for this measure would be zero. This standard is expected to fluctuate each year. It is difficult to identify specific activities that would guarantee consistent statistics in this standard. The number of accidents that occur and are reported directly impact the number of boating accident investigations. Many external factors, which are outside the control of the Division, contribute to the number of boating accidents. It is our goal to continue to emphasize boating safety and public education, combined with an enforcement presence, to effect a reduction in the number of boating accidents, injuries, and fatalities.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

Training

Technology

Personnel

Other (Identify)

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Total Number of Hours Spent in Preventative Patrol and Investigations

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
930,391	1,251,623	321,232	34%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard Achieved. Reporting processes have been revised to better define and capture these hours – this contributed to the increase in actual performance results. As these processes are refined, statistics for this measure may fluctuate. We recommend data be collected for at least 5 years to establish a baseline for this measure.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

Department: Fish and Wildlife Conservation Commission

Program: Wildlife

Service/Budget Entity: Hunting and Game Management

Measure: Percent of Satisfied Hunters

**Action:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| <input type="checkbox"/> Performance Assessment of <u>Output</u> Measure             | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards                     |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
80.0%	76.6%	(3.4)	(4.44%)

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Other (Identify)  |

**Explanation:**

**External Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems      |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster            |
| <input type="checkbox"/> Target Population Change                            | <input checked="" type="checkbox"/> Other (Identify) |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |  |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |  |

**Explanation:** Reasons that take away from hunting satisfaction generally relate to access and crowding issues. Hunters have reported that the following issues take away from their hunting satisfaction: Not enough access to places to hunt; Not having enough places to hunt; Work obligations; Poor behavior of other hunters; and too many hunters in the field.

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:** Fish and Wildlife Conservation Commission

**Program:** Wildlife

**Service/Budget Entity:** Hunting and Game Management

**Measure:** Number of hunting accidents

**Action:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| <input type="checkbox"/> Performance Assessment of <u>Output</u> Measure             | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards                     |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
10	7	(3)	(30%)

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Other (Identify)  |

**Explanation:**

**External Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems      |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster            |
| <input type="checkbox"/> Target Population Change                            | <input checked="" type="checkbox"/> Other (Identify) |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |  |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |  |

**Explanation:** Ideally, the standard and results for this measure would be zero. There are hunters in Florida every year that do not follow proper safety rules and add to the statistics. By obeying basic rules of safety stressed in Florida's Hunter Safety Course, none of the incidents would have occurred.

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**



## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

Department: Fish and Wildlife Conservation Commission

Program: Wildlife

Service/Budget Entity: Hunting and Game Management

Measure: Number of students graduating from hunter education courses

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure           | <input type="checkbox"/> Revision of Measure |
| <input checked="" type="checkbox"/> Performance Assessment of <u>Output</u> Measure | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards                    |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
10,000	13,612	3,612	36.12%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Other (Identify)  |

**Explanation:**

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

Department: Fish and Wildlife Conservation Commission

Program: Wildlife

Service/Budget Entity: Hunting and Game Management

Measure: Number of Commission managed areas providing public hunting opportunities

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure           | <input type="checkbox"/> Revision of Measure |
| <input checked="" type="checkbox"/> Performance Assessment of <u>Output</u> Measure | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards                    |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
144	163	19	13.2

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Other (Identify)  |

**Explanation:**

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:** Fish and Wildlife Conservation Commission

**Program:** Wildlife

**Service/Budget Entity:** Hunting and Game Management

**Measure:** Number of Hunters Served

**Action:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| <input type="checkbox"/> Performance Assessment of <u>Output</u> Measure             | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards                     |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
150,000	175,526	25,526	17%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | <input type="checkbox"/> Other (Identify)  |

**Explanation:**

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

**Management Efforts to Address Differences/Problems** (check all that apply):

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> Training  | <input type="checkbox"/> Technology       |
| <input type="checkbox"/> Personnel | <input type="checkbox"/> Other (Identify) |

**Recommendations:**

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Number of Patrol Hours

**Action:**

- Performance Assessment of Outcome Measure       Revision of Measure  
 Performance Assessment of Output Measure       Deletion of Measure  
 Adjustment of GAA Performance Standards

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
861,026	967,189	106,163	12%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |   |  |
|---|--|
| <input type="checkbox"/> Personnel Factors<br><input type="checkbox"/> Competing Priorities<br><input type="checkbox"/> Previous Estimate Incorrect | <input checked="" type="checkbox"/> Staff Capacity<br><input type="checkbox"/> Level of Training<br><input checked="" type="checkbox"/> Other (Identify) |
|---|--|

**Explanation:**

Standard Achieved.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable<br><input type="checkbox"/> Legal/Legislative Change<br><input type="checkbox"/> Target Population Change<br><input type="checkbox"/> This Program/Service Cannot Fix The Problem<br><input type="checkbox"/> Current Laws Are Working Against The Agency Mission | <input type="checkbox"/> Technological Problems<br><input type="checkbox"/> Natural Disaster<br><input type="checkbox"/> Other (Identify) |
|--|---|

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

- |   |  |
|---|--|
| <input type="checkbox"/> Training<br><input type="checkbox"/> Personnel | <input type="checkbox"/> Technology<br><input type="checkbox"/> Other (Identify) |
|---|--|

**Recommendations:**

N/A

## LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

**Department:**  Fish and Wildlife Conservation Commission  
**Program:**  Law Enforcement  
**Service/Budget Entity:**  Fish, Wildlife, and Boating Law Enforcement  
**Measure:**  Number of Recreational Boating Injuries

**Action:**

- |   |  |
|---|--|
| <input type="checkbox"/> Performance Assessment of <u>Outcome</u> Measure | <input type="checkbox"/> Revision of Measure |
| X Performance Assessment of <u>Output</u> Measure                         | <input type="checkbox"/> Deletion of Measure |
| <input type="checkbox"/> Adjustment of GAA Performance Standards          |  |

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
450	375	75	- 16%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Personnel Factors           | <input type="checkbox"/> Staff Capacity    |
| <input type="checkbox"/> Competing Priorities        | <input type="checkbox"/> Level of Training |
| <input type="checkbox"/> Previous Estimate Incorrect | X Other (Identify)                         |

**Explanation:**

Standard achieved. Ultimately, the desired standard and achieved results for this measure would be zero. This standard is expected to fluctuate each year. It is difficult to identify specific activities that would guarantee consistent statistics in this standard. The numbers of recreational boating injuries that occur are directly linked to the number of boating accidents that occur each year. Many external factors, which are outside the control of the Division, contribute to the number of boating accidents. It is our goal to continue to emphasize boating safety and public education, combined with an enforcement presence, to effect a reduction in the number of boating accidents, injuries, and fatalities.

**External Factors** (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Resources Unavailable                               | <input type="checkbox"/> Technological Problems |
| <input type="checkbox"/> Legal/Legislative Change                            | <input type="checkbox"/> Natural Disaster       |
| <input type="checkbox"/> Target Population Change                            | <input type="checkbox"/> Other (Identify)       |
| <input type="checkbox"/> This Program/Service Cannot Fix The Problem         |   |
| <input type="checkbox"/> Current Laws Are Working Against The Agency Mission |   |

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

Training

Technology

Personnel

Other (Identify)

**Recommendations:**

N/A

### LRPP Exhibit III: PERFORMANCE MEASURE ASSESSMENT

Department: Fish and Wildlife Conservation Commission  
 Program: Law Enforcement  
 Service/Budget Entity: Fish, Wildlife, and Boating Law Enforcement  
 Measure: Number of Regulatory Zones Properly Permitted

**Action:**

- Performance Assessment of Outcome Measure
- Revision of Measure
- X Performance Assessment of Output Measure
- Deletion of Measure
- Adjustment of GAA Performance Standards

Approved Standard	Actual Performance Results	Difference (Over/Under)	Percentage Difference
50	34	16	- 32%

**Factors Accounting for the Difference:**

**Internal Factors** (check all that apply):

- Personnel Factors
- Staff Capacity
- Competing Priorities
- Level of Training
- Previous Estimate Incorrect
- X Other (Identify)

**Explanation:**

Standard achieved. The lower number of permit requests may be indirectly impacted by economic factors that reduced the number of vessels on the water during this reporting period. Additionally, local government's ability to post markers due to budget constraints is also a factor. Permits are only issued when the applicant has provided all required information. We work with potential applicants extensively prior to their formal permit application and ordinance submission. We have no control over timing of the formal submissions and therefore are unable to control the number of permits issued.

**External Factors** (check all that apply):

- Resources Unavailable
- Technological Problems
- Legal/Legislative Change
- Natural Disaster
- Target Population Change
- Other (Identify)
- This Program/Service Cannot Fix The Problem
- Current Laws Are Working Against The Agency Mission

**Explanation:**

N/A

**Management Efforts to Address Differences/Problems** (check all that apply):

Training

Personnel

Technology

Other (Identify)

**Recommendations:**

N/A



# **Performance Measures Validity and Reliability**

## **LRPP Exhibit IV**

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Freshwater Fisheries

**Service/Budget Entity:** Freshwater Fisheries Management

**Measure:** Number of Fish Stocked

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **DATA SOURCES AND METHODOLOGY**

All Data is maintained in the Division of Freshwater Fisheries Management (DFFM). The number of fish stocked is derived from reports (progress and annual) prepared by personnel stationed at the Florida Bass and Conservation Center (Richloam Fish Hatchery).

The procedure used to measure this indicator is to glean the required data from reports prepared by personnel stationed at the Florida Fish and Wildlife Conservation Commission's (Commission's) Richloam Fish Hatchery.

### **VALIDITY**

The data is valid because it can be supported by documentation maintained in DFFM. Most fish stocked in Florida's rivers and lakes come from the Commission's Richloam Fish Hatchery. The hatchery maintains detailed records of the number of fish stocked and into which water body the fish are stocked.

### **REALIABILITY**

The data is reliable because the number of fish stocked can be supported by written documentation (inventory and delivery records) maintained in DFFM. There are no known external factors which could impact the Commission's ability to accomplish this measure.

This measure is reliable because it provides quantifiable data indicating the total number of fish stocked by the Commission in Florida's water bodies.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Freshwater Fisheries

**Service/Budget Entity:** Freshwater Fisheries Management

**Measure:** Number of acres of water managed to improve fishing

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **DATA SOURCES AND METHODOLOGY:**

All data is maintained in the Division of Freshwater Fisheries Management (DFFM). The number of water bodies and acres managed to improve fishing was derived by adding the number of water bodies and acres in Fish Management Areas and urban Ponds. Additionally, water bodies that have DFFM biologists assigned to them were included in these totals. The procedure used to measure this indicator is to add number of water bodies and acres in all Fish Management Areas and Urban Ponds. In addition, water bodies that have DFFM biologists assigned to them were added to and included in the above-described totals.

### **VALIDITY:**

The data is valid because it can be supported by data maintained in DFFM. All Fish Management Areas and Urban Ponds have been approved for establishment at official meetings of the Florida Fish and Wildlife Conservation Commission (Commission). The other lakes and rivers included in the above-described totals had their acreage figures determined from data contained in the Florida Gazetteer.

The measuring instruments, The Fish Management Areas Urban Ponds and Florida Gazetteer are valid because they can be supported by reliable documentation. Each Fish Management Area and Urban Pond can be supported by establishment orders, legal documents which have been approved at official meetings of the Commission. Acreage figures in the Florida Gazetteer are substantiated by legal surveys.

### **REALIABILITY:**

The data is reliable because all acreage figures and number of water bodies can be supported by written documentation (establishment orders and the Florida Gazetteer) maintained by DFFM. There are no known external factors which could impact the Commission's ability to accomplish this measure.

This measure is reliable because it provides quantifiable data indicating the total number of water bodies and acres managed by DFFM for the public

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Freshwater Fisheries

**Service/Budget Entity:** Freshwater Fisheries Management

**Measure:** Percent Angler Satisfaction

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **DATA SOURCES AND METHODOLOGY:**

All data is maintained in the Division of Freshwater Fisheries Management (DFFM). Florida State University's College of Communications, Communications Research Center, randomly surveyed 600 licenses resident anglers in order to determine the percentage of angler satisfaction. For the 2001 – 2002 fiscal year, it was estimated that 70 – 75% of anglers surveyed were somewhat satisfied or very satisfied with their fishing experience.

The procedure used to measure this indicator requires evaluating and summarizing the survey responses.

### **VALIDITY:**

The data is valid because it can be supported by documentation maintained in DFFM. The Communications Research Center prepares a report summarizing the survey results; DFFM has a copy of this report.

The measuring instrument, the report which summarizes the survey results, is valid because it can be supported by written documentation maintained by the Communications Research Center.

### **REALIABILITY:**

The data is reliable because all respondents were selected randomly and the responses along with the phone numbers of those who responded to the survey are on file in DFFM. The only known factor which could impact the Commission's ability to accomplish this measure is that this survey is not conducted every year. According to personnel in DFFM, this survey is usually conducted every five years; therefore the Commission will not be able to provide current data each year.

This measure is reliable, when current survey information is available, because it provides quantifiable data indicating how satisfied Floridians are with the fishing opportunities provided by the Commission. This measure will also provide any changes in angler satisfaction.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

**Department:** Fish and Wildlife Conservation Commission

**Program:** Freshwater Fisheries

**Service/Budget Entity:** Freshwater Fisheries Management

**Measure:** Percent of index Lakes where fish populations are stable or increasing.

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

**Data Sources and Methodology:** The data sources for this measure are from fish collections from at least 35 lakes located around the state. Lakes were chosen for this index to include a wide variety of conditions found in Florida. They range in size from 47 ha to 182,000 ha; range in fertility from oligotrophic to hyper-eutrophic; are located from Walton County in the panhandle to Collier County in South Florida; and range in habitats from sparsely vegetated (<5% lake coverage) to heavily vegetated (>90% lake coverage). Fishery independent monitoring will consist of one sampling period per lake. During each period, all species of fish will be collected by electro fishing from each lake and portions of the St. Johns River along pre-determined transects for estimates of species composition, relative abundances and size structure. Fish are identified to species measured and weighed when possible. If weights are not taken, weights are estimated from standard length-weight regressions for that species. The procedure used to measure this indicator includes the creation of an index which includes the addition of three measured parameter: (1) electro fishing catch rate of all fish by weight, inclusive of sport fish; (2) electro fishing catch rate of sport fish by weight; and (3) number of species collected. A change in index by 25% for each lake will be considered to be significant. Based on this 25% change, the health of the fish population will be classified as either stable or increasing or decreasing.

**Validity:** The data is valid because it can be supported by a fisheries database maintained by the Florida Fish and Wildlife Conservation Commission. Electro fishing catch rates are utilized nationally to provide information about fish populations. The sources of the index incorporate total fish production (catch rates of all fish), management objectives (sport fish catch rates) and diversity (number of species collected). The significant change of 25% threshold was subjectively determined by Florida freshwater fisheries experts based on sampling and natural population variability.

**Reliability:** The data is reliable because it is supported by a fisheries database maintained by the Florida Fish and Wildlife Conservation Commission. The significant change of 25% threshold, subjectively determined by Florida freshwater fisheries experts based on sampling and natural population variability was incorporated to assure repeatability. The data will continue to be complete because of a commitment by the Division of Freshwater Fisheries Management to Florida Lakewatch, administered by the University of Florida.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Research

**Service/Budget Entity:** Fish and Wildlife Research Institute

**Measure:** Number of fisheries assessment and data summaries conducted

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Catch and effort information is collected from commercial anglers through a legislatively mandated marine fisheries trip ticket program. Approximately 350,000 tickets from seafood are processed yearly. Catch and effort information from recreational anglers is collected through scientifically valid survey techniques. Anglers are intercepted at docks, piers, bridges, etc. to obtain estimates of catch rates and species composition. Survey models are used to estimate total catch and effort by wave (two month), mode (boat, charter, head, and beach bank) and species.

Biological research on age, growth, genetic identification and reproduction of fishery species or complexes provides the background life history parameters for stock assessments and interpreting the results of fisheries monitoring and anglers' observations. Approximately 25 individual species are being studied at any one time. Biological research also examines the impact of fishing gear on targeted stocks as well as non-targeted by catch.

Estimates of recruitment and relative abundance of selected species are developed through standard, scientifically valid survey monitoring techniques using fisheries independent methodologies. Surveys are conducted in estuarine systems where most of Florida's fisheries species are first recruited. Sampling is designed to target selected fishery species of high importance and all associated environmental and ecological information including non-fishery species collected in conjunction with the target species are enumerated.

**Validity:** The methodology for conducting assessments, analyses and data summaries is based on scientific principles and procedures documented in peer review literature. The validity of these procedures is based on acceptance in peer-reviewed scientific documents.

**Reliability:** Not verified.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department: Fish and Wildlife Conservation Commission

Program: Research

Service/Budget Entity: Fish and Wildlife Research Institute

Measure: Number of manatees rehabilitated

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Three facilities, SeaWorld of Florida, Lowry Park Zoo, and Miami Seaquarium, are federally authorized to medically treat and rehabilitate sick, injured, or orphaned manatees. These facilities are reimbursed by FWC as provided in Section 370.0603 (3), Florida Statute. Once rehabilitated, manatees are released back into the wild.

The number of manatees brought into Florida's three acute care facilities for treatment is reported by each facility for the previous fiscal year. This number of admissions is then added to the number of manatees released back into the wild by the facilities for the same period. The sum of manatees that were admitted by all three facilities and those released by all three facilities is reported as "number of manatees rehabilitated."

**Validity:** The methodology for enumerating this measure is based on audited data provided by FWC contractors.

**Reliability:** Not verified.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Research

**Service/Budget Entity:** Fish and Wildlife Research Institute

**Measure:** Number of requests for assessments of seagrass, saltmarsh, mangrove, coral, aquatic, and upland habitat

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

**Data Sources and Methodology:** Reports of seagrass, saltmarsh, mangrove, aquatic, or upland habitat damages often arise from calls and emails from Law Enforcement, private citizens, and various governments. Each report is responded to with a returned phone call or e-mail to obtain further details. Acute damage such as illegal removal of mangroves or seagrass damage due to groundings are usually accurately reported; however, cumulative damage or loss such as long-term prop-scarring or seagrass loss due to prolonged turbidity or disease are typically reported only after there is widespread damage. Our participation in interagency workshops and presentations to various user groups helps to increase public awareness of the importance of responding to these events. The need to conserve habitats is reinforced. A page on the FWRI website informs the public of the importance of seagrass habitat.

The decision to investigate the habitat damage or loss is made by Habitat Research staff. The criteria include the location and extent of the damaged area, species and area of seagrass, saltmarsh or seagrass involved, and feasibility of restoring damaged habitat. FWC field office staff and a network of staff from federal, state, and county governments, and some universities, (depending on jurisdiction determination) provide assistance in the field surveys. Results of evaluations are provided to FWC and other agencies by telephone, letter, email, reports, and presentations and as expert witness in litigation as appropriate.

Reports of coral damages usually come from Law Enforcement, Florida Keys National Marine Sanctuary staff, and other government agencies (primarily County environmental resource officials). Each report is responded to with a returned phone call or e-mail to obtain further details. Major groundings are usually accurately reported; however, smaller boat groundings are likely under-reported and thus under-investigated. Extensive anchor damages by large ships are also usually reported; local staff in the Keys usually handles smaller anchoring damages.



Damages caused by offshore cable laying operations are usually reported. Calls for potential coral damages with beach renourishment and offshore gas pipelines are also being received. A page on the FWRI website informs the public of our response activities.

**Validity:** The methodology for conducting assessments, analyses and data summaries is based on scientific principles and procedures documented in peer review literature. The validity of these procedures is based on acceptance in peer-reviewed scientific documents.

**Reliability:** Not verified.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department: Fish and Wildlife Conservation Commission

Program: Research

Service/Budget Entity: Fish and Wildlife Research Institute

Measure: Number of technical and analytical GIS remote sensing requests completed and GIS oil spill training assistance provided

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

FWRI's Center for Spatial Analysis provides a variety of GIS and remote sensing products and services in response to requests from government, industry, academia and the public. These include: provision of existing published maps, atlases, and reports; creation and delivery of custom maps, tables, and reports derived from analyzing our GIS databases in response to specific requests; user-initiated Internet Map Service data and map downloads; custom GIS applications and tools that help present and analyze the data in a more meaningful and user-friendly manner.

GIS Support and Services – Requests for Information (RFI): The GIS Support and Services data source reflects just Requests for Information (RFI) that involve personal contact between staff and the requestor. The methodology includes face-to-face, phone, mail and email contacts. We do not count user-initiated data and map downloads that are handled entirely by the user in this data source. Many users let us know that they didn't want to fill out online forms to get the data. They felt this was an unnecessary step and not something we should demand in order for them to get public information.

Internet Map Services: This added data source for the activity reflects Geographic Information System (GIS) web page usage. Many of our GIS Internet Map Services are accessed by non-FWC users, who view, query and download data and information. We feel that recording "Website Service Visits and Downloads" is a valid methodology to track information conveyed to users via GIS Internet Map Services.

Participation in spill response drills and training exercises: Drills are staged events designed to familiarize spill responders with each other and potential situations should a major spill occur. These drills serve to test and refine our abilities to coordinate with other spill responders. Training consists of expert instruction covering the use of specific tools, applications or protocols. IS&M staff participate in spill response training both as trainers on *Florida Marine Spill Analysis System* and as trainees on subjects such as *Natural Resource Damage Assessment* and *Shoreline Cleanup Assessment Team*. The estimated annual count is 8.

**Validity:** The methodology for conducting assessments, analyses and data summaries is based on scientific principles and procedures documented in peer review literature. The validity of these procedures is based on acceptance in peer-reviewed scientific documents.

**Reliability: Verified by the FWC Office of Inspector General (OIG).** A measure is verified if reported performance is within plus/minus five percent of actual performance and if controls appear adequate to ensure accuracy for collecting and reporting performance data. The OIG overall opinion is that current data documentation and collection methodologies of the reviewed sample include sufficient essential control elements to adequately assess the validity and reliability of the Commission's performance measures.

**Validity:** The methodology for conducting assessments, analyses and data summaries is based on scientific principles and procedures documented in peer review literature. The validity of these procedures is based on acceptance in peer-reviewed scientific documents.

**Reliability: Verified by the FWC Office of Inspector General (OIG).** A measure is verified if reported performance is within plus/minus five percent of actual performance and if controls appear adequate to ensure accuracy for collecting and reporting performance data. The OIG overall opinion is that current data documentation and collection methodologies of the reviewed sample include sufficient essential control elements to adequately assess the validity and reliability of the Commission's performance measures.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Research

**Service/Budget Entity:** Fish and Wildlife Research Institute

**Measure:** **Number of red tide and aquatic health assessment and communications to stakeholders**

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Red Tides Revised title of this measure more clearly reflects the actual activity. Measurement methodologies have not changed. The public, anglers, and charter boat guides reporting dead fish usually notify The Harmful Algal Bloom (HAB) Group in St. Petersburg of a possible red tide. Pilots and offshore fishing or research vessels report discolored water, particularly offshore, occasionally. Red tides typically affect the southwest coast of Florida in late summer or fall but can occur at any time of year and can occur anywhere along the Florida coast. Red tides can cause widespread multi-species fish kills, cause respiratory irritation in humans and have been implicated in manatee deaths. The coastal waters of west central Florida are monitored for red tide organisms and other potentially HAB species by a network of commercial and recreational fishing vessels. FWC, DEP, and other government staff collect water and sediment samples when dead fish or discolored water are observed. HAB staff at FWRI in St. Petersburg evaluates water and sediment samples collected from around the state. Results are recorded in an electronic database. Results from evaluations are provided by telephone, email, and on the FMRI web site. We track and report the number of web visits as determined by user sessions on the website. User Sessions are defined as the number of unique users who visited a web site during a certain time.

Aquatic Health The fish kill investigation process begins with the initial report to the Aquatic Health Group. The majority of fish kills reported are calls from the public to the Fish Kill Hotline. Between 400 and 700 calls are made to hotline each year. Additional reports of fish kills or fish disease events are from calls directly to Ecosystem Assessment and Restoration staff, calls routed from the FWRI Education and Information office, other government agencies and emails. A dedicated email address was established to allow the public to report fish kills or disease events directly to researchers.

A statewide toll free Fish Kill Hotline was established in 1995 that the public, anglers, other government staff, and the media can call to report or request information about fish kills or aquatic disease events. Each call to the Fish Kill Hotline is responded to with a returned phone call and a mailed response card. Region specific “wanted” posters, angler surveys on fish health problems, articles in popular magazines, participation in local festivals, and presentations to various user groups help increase public awareness of the importance of reporting these events. A page on the FWRI website informs the public of current aquatic health issues and provides information on how to report incidences. The decision to investigate the call of a fish kill or fish disease event is made by Aquatic Health Group staff using a protocol with criteria that includes species and number of fish involved, location, other agency involvement, etc. Staff resources limit the number of reports that are actually investigated. FWC field office staff and a statewide network of staff from federal, state, county, and city governments, universities, and private citizens provide assistance in the collection and shipping of appropriate samples for evaluation. Fish and other appropriate samples are evaluated at FWRI. Results from water quality, necropsy, microbiological, and histological analyses are entered into an Access database. Results of evaluations are provided to the public and other agencies by telephone, letter, email, and web site postings as appropriate. We track and report the number of web visits as determined by *user sessions* on the website. *User Sessions* are defined as the number of unique users who visited a web site during a certain time.

**Validity:** The methodology for conducting assessments, analyses and data summaries is based on scientific principles and procedures documented in peer review literature. The validity of these procedures is based on acceptance in peer-reviewed scientific documents.

**Reliability:** Not verified.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Research

**Service/Budget Entity:** Fish and Wildlife Research Institute

**Measure:** Number of requests for status of endangered and threatened species and wildlife completed

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

**Data Sources and Methodology:** The number of information requests completed for endangered, threatened, game and non-game wildlife species is a measure of the section's effort to enhance awareness and knowledge of the abundance, mortality, life history, and ecology of these species for both the scientific community and the public at large.

Annual count of the number of information requests completed. This figure is compiled by totaling the following: the number of requests for information that were completed on the InfoRequest system for the section; the number of Monthly Mortality Reports mailed out for both manatees and turtles; the number of responses to inquiries about necropsy results; the number of manuscripts accepted for publication by staff members; the number of summaries and reports distributed; and the number of hits as determined by "user sessions" on the website.

For web hits, "User Session" is defined as the number of unique users who visited a web site during a certain time. Measuring user sessions is more complicated than measuring hits or page views. The user session statistic can be seen as equivalent to "Unique Visits," which, unless every visitor only sees one page, will be less than the number of page views/impressions. User Sessions do, however, give a good idea of how many people are visiting the site and are the only successful way to track individual visits using current technology.

**Validity:** The methodology for conducting assessments, analyses and data summaries is based on scientific principles and procedures documented in peer review literature. The validity of these procedures is based on acceptance in peer-reviewed scientific documents.

**Reliability:** Not verified.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department: Fish and Wildlife Conservation Commission

Program: Habitat and Species Conservation

Service/Budget Entity: Invasive Plant Management Program

Measure: **Acres of public conservation lands infested with upland invasive exotic plants that have had control measures implemented.**

Action (check one):

Requesting revision to approved performance measure title.

X Change in data sources or measurement methodologies.

Requesting new measure.

Backup for performance measure.

### Data Sources and Methodology:

The Invasive Plant Management Section, Uplands Program staff annually contract for plant control on publicly-managed conservation lands throughout the state. The total of conservation land in the state is estimated at 11 million acres, of which an estimated 1,650,000 acres is infested to some degree by invasive plants. The goal of the Uplands Program is two-fold: (1) to provide initial control on all infested acres and (2) to ensure maintenance control on all previously treated acres. Plant acreage to be treated is estimated by the land manager requesting project funding. The actual number of acres treated is reported by the contractor on a daily work log. This information is in database files collected and maintained in an Excel spreadsheet in Tallahassee. The information is summarized in an annual report published by mid-March of the following fiscal year.

### Validity:

Reporting the number of acres of plants managed is a valid measure for determining if plant control efforts funded under this budget are resulting in protection of public conservation lands from the invasion of non-native plants. Initial treatment will be required until all infested acres have received treatment. Because many species of invasive plants re-grow quickly, and because eradication is not feasible, many acres are re-treated over successive years. Re-treatment is necessary to maintain control; however, the amount of maintenance control needed on a site will decrease over time (absent re-infestation). The total acres managed in a year are directly dependent on funding.

### Reliability:

A standardized daily work log is used by contractors to record data. Data is compiled and verified against information in the original scope of work provided by the land manager. Acres of plants controlled are listed by plant type or species. These forms are reviewed and approved by designated site managers before being sent to Tallahassee for input into an excel spreadsheet. Section staff conducts random monitors of work performed by contractors. Control data submitted by contractors is verified by staff through field surveys to ensure that reported acres treated are accurate and to make sure that effective control occurred without damage to non-target species.



## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Boating Safety Education Cards Issued

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Any person may obtain a boater safety identification card by complying with the requirements of section 327.395, Florida Statutes. The Boating and Waterways Section is charged with maintaining these records and ensuring the issuance of cards in a timely manner.

### **Validity:**

The Boating Education Database (Bobbernet) has proven effective and accurate since the day this law became effective in 1996. This database is also used to compile information pertaining to boater education statistics for the annual boating accident statistical report as required in section 327.804, Florida Statutes.

### **Reliability:**

Each year the data is reconciled so as to ensure accurate reporting.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Enforcement Flight Hours

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Pilots utilize a Flight Data Record (database) system developed by our agency to document flights and prepare reports. Flight logs are reviewed electronically by the pilot's supervisor. These records are maintained in an electronic database. The Department of Management Services requires that we maintain our own records.

### **Validity:**

The database provides accurate data collection and is routinely checked for accuracy and completeness.

### **Reliability:**

Flight data is reviewed by two levels of supervision and is routinely checked for accuracy and completeness.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Officers and Recruits Trained

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Officers: To comply with Chapter 943.135, Florida Statutes, training's Operations Management Consultant entered into FDLE'S Automated Training Management System (ATMS) on the Mandatory Retraining Report (CJSTC-74) a minimum of 40 hours of continuing training every four years per officer. Proof of this training is recorded by use of lesson plans, attendance rosters and/or firearms score sheets as outlined by FDLE, CJSTC rules.

### Validity:

Officers: The signed attendance roster or score sheet has been used by the Training Section for years to certify attendance of each officer and is kept in the officer's training file or class files. These rosters and/or score sheets are attached to the CJSTC form 74 as back up documents and the CJSTC form 74 is audited by FDLE.

### Reliability:

Officers: The rosters and score sheets are reviewed by a supervisor and used to verify officers attendance for each block of training. These rosters and/or score sheets are used to certify that information submitted on the Mandatory Retraining Report (CJSTC-74) to FDLE is accurate.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Total Number of Boating Accidents Investigated

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Officers document accidents using the Florida Boating Accident report. Reports completed by Commission officers are submitted to their supervisor for review. The reports are then sent to Tallahassee Headquarters where they are again reviewed by the boating safety staff and the accident data is entered by agency OPS personnel. Boating and Waterways then compiles the data into reports using computer software programs. Reports generated from this database supply the data for this and other measures. The reports are sampled by the boating safety lieutenant against hard copies of the reports for accuracy and completeness.

### Validity:

The document used to compile this data is an appropriate method for this and other measures.

### Reliability:

This data may be relied upon because state law requires that accidents be reported. Sworn law enforcement officers complete the accident reports in most cases. They are checked by at least two levels of supervision for accuracy and completeness. The boating safety lieutenant detects discrepancies on the accident reports prior to entry. The lieutenant will then return the incomplete or incorrect report to the reporting officer's supervisor or the appropriate law enforcement agency. After the boating accident reports are entered, they are sampled by comparing them with the hard copies of the reports for accuracy and completeness.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Aircraft Down Time

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Aircraft down days for maintenance is captured using dates of service on aircraft maintenance invoices. The Aviation Administrator reviews aircraft down time monthly in an effort to identify trends and remedies for increasing aircraft availability.

### **Validity:**

Monthly flight log reports were previously used to collect this data by the aviation unit. Once an agency Flight Data Record (database) system was established this information was not captured as a required field. The information is now captured using the above methodology.

### **Reliability:**

Multiple levels of supervision review the information used to collect this data. This data is used to compile reports and other correspondence with regards to aircraft unit activities.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Communications Equipment Down Time

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Officers, Dispatchers and/or their supervisors and administrative help submit a Radio Technology Work Request (RTWR) form (FWC-DLE form # 667) when any of the officers electronic equipment needs repair. We have migrated to a computer based repair request and database. We no longer submit these forms manually. Radio Engineers manage their repairs and scheduling electronically. Radio Engineers contact the officer to set a time and place for repairs. Each step in the process is date and time stamped in the database. After the repair is completed, the Radio Engineer selects equipment type and corrective action(s) from pull-down menus. They briefly describe repair particulars in a free form narrative section. In the three years we have been electronically using the on-line RTWR process, we've developed many improvements to assure regularity and uniformity in both reporting and tracking, while maintaining the integrity of the older data.

### **Validity:**

Some variation of the RTWR form have been used for 10 years by the Radio Technology Group, resulting in fine tuning an established process that is routinely checked for accuracy and completeness.

### **Reliability:**

As needed and no less than bi-monthly, supervisory review and analysis of the data is performed. This data is used to compile reports and other correspondence with regards to Radio Technology activities. Follow up calls to the field officers is performed to spot-check the accuracy of the information.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Compliance with Specified Commission Rules or State Law

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Three issues are used to compile data for this measure: boating safety violations, net limitation violations, and manatee protection.

Officers document their arrests and warnings on their Activity Report. This report is submitted to their supervisor for review, who then sends them to the Regional Office where they are again reviewed. The reports are then sent to Tallahassee Headquarters where they are data entered by agency OPS personnel. Additionally, all citations and dispositions are entered by agency OPS personnel into this database. Field Services then compiles the data in the reports using computer software programs. Reports are generated from the database for this and other measures. The reports are sampled by the Data Quality Control specialist against hard copies of the reports for accuracy and completeness.

With the advent of the new computer aided dispatch (CAD) system, officers will also tell the radio dispatcher their activities as they complete them. These activities will then be saved into the regional CAD server. The criminal analyst will compile each regions data and produce statewide statistical reports.

### Validity:

The documents used to compile this data are appropriate for this and other measures. The CAD data is directly entered as the officer completes each task and will allow the agency to document users that are in compliance as well as those out of compliance. The arrest database is a proven system that is an appropriate method to track arrest and disposition information.

### Reliability:

This data may be relied upon because officers are required by policy to submit the Activity Reports. Therefore, the issue becomes the quality of the information contained in the reports. They are checked by at least two levels of supervision for accuracy and completeness. It is not uncommon for a supervisor to physically verify activities that one of his subordinates submits. Officers have been disciplined for submission of false or inaccurate Activity Reports. The data entry operator detects discrepancies on the Activity Reports prior to entry. The data entry operator identifies incomplete or incorrect reports and gives them to the Field Services Lieutenant. The Lieutenant will then return the incomplete or incorrect report to the Regional Captain. After the activity reports are entered, they are sampled by comparing them with the hard copies of the reports for accuracy and completeness. Because the CAD data is entered as it occurs, it is a very reliable method to capture the information. The data entry operator detects discrepancies on the citations and dispositions prior to entry. The data entry operator identifies incomplete or incorrect citations and gives them to the Field Services Lieutenant. The Lieutenant will then return the incomplete or incorrect citations to the Regional Captain. After the citations are entered, they are sampled by comparing them with the hard copies of the reports for accuracy and completeness.

While the data collection method is reliable, the actual extrapolation of a compliance rate from this information is not. Compliance rates are difficult to calculate and express because several variables of information is not available. For example, the number of violations observed or detected may be known, but the total number of violations that occur is not known. Additionally, the number of persons checked or licensed may be known, but the number of persons who utilize resources illegally is not known. Therefore, compliance can only be relative based on the limited statistics available for a particular activity. Based on this observation, compliance rates are a poor measure to indicate performance.



## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Boats Repaired

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Officers prepare a Marine Maintenance Work Request form and send it through Shopnet. The Shopnet system sends it to the appropriate FWC shop or field mechanic. If the work request is sent to the shop, the shop supervisor will assign a Marine Maintenance Repair Order (RO) and assign the job to a marine mechanic. Once the work is completed the RO is returned to the supervisor. The supervisor checks the work closes out the RO and advises the Regional office to pick up the equipment and then a copy of the RO is sent back to the Region with the equipment. If the work request is sent to a field mechanic, the mechanic will schedule the work. Once completed the field mechanic advises the region of the completion of the work and a copy of the RO go to the Regional office for reference.

### **Validity:**

The Marine Maintenance Work Request and the Marine Maintenance Repair Order have been used for many years to obtain the necessary data needed to operate the maintenance facilities.

### **Reliability:**

All RO's are checked by the Storekeeper when parts are charged out; then by the shop supervisor when closed out.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Data-Related Information Requests Fulfilled

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Data Management receives requests for information related to arrests, numbers of arrests, and other various enforcement related statistics on a semi-regular basis. This information is retrieved and forwarded to the requesting party. If the request is received by phone, a call back number is taken and the information is given with a return call. If a request is received by fax or letter, it is returned in the same manner. With this procedure, verification of the identity of persons requesting information is kept in a file of public information requests. If there is a request for information that is questionable, a response is approved through proper chain-of-command.

### **Validity:**

Several methods for responding to requests for public information have been used over the years and changes have evolved, but all changes use the Public Records guide for Law Enforcement as a reference.

### **Reliability:**

Information for a record search or data-related report uses the ArrestNet or ActivityNet database as a search tool. ArrestNet is a database that all arrest citations are entered into, but it also merged all arrest record entries from the two prior agencies that comprise the existing Florida Fish and Wildlife Conservation Commission. ActivityNet is a database that all officer activity is entered into, keeping up with officer hours, counts, etc.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Equipment Repairs

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Officers, Dispatchers and/or their supervisors and administrative help submit a Radio Technology Work Request (RTWR) form (FWC-DLE form # 667) when any of the officers electronic equipment needs repair. We have migrated to a computer based repair request and database. We no longer submit these forms manually. Radio Engineers manage their repairs and scheduling electronically. Radio Engineers contact the officer to set a time and place for repairs. Each step in the process is date and time stamped in the database. After the repair is completed, the Radio Engineer selects equipment type and corrective action(s) from pull-down menus. They briefly describe repair particulars in a free form narrative section. In the three years we have been electronically using the on-line RTWR process, we've developed many improvements to assure regularity and uniformity in both reporting and tracking, while maintaining the integrity of the older data.

### Validity:

Some variation of the RTWR form have been used for 10 years by the Radio Technology Group, resulting in fine tuning an established process that is routinely checked for accuracy and completeness.

### Reliability:

As needed and no less than bi-monthly, supervisory review and analysis of the data is performed. This data is used to compile reports and other correspondence with regards to Radio Technology activities. Follow up calls to the field officers is performed to spot-check the accuracy of the information.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Investigative Hours

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Officers document investigation hours on an activity report. The report is then submitted to their respective supervisors. The supervisor then reviews the reports and submits them for input into the Activity Net database. Reports are generated by the type of hours that the officer enters.

### **Validity:**

The documents used to compile this data are an appropriate method for this and other measures in the program area. The Activity Net data has been proven to be effective and accurate.

### **Reliability:**

All officers must submit the activity report of their hours and specific activities. These reports are checked by at least two levels of supervision, and checked for accuracy and consistency.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Patrol Hours

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Officers document patrol hours on an activity report. The report is then submitted to their respective supervisors. The supervisor then reviews the reports and submits them for input into the Activity Net database. Reports are generated by the type of hours that the officer enters.

### **Validity:**

The documents used to compile this data are an appropriate method for this and other measures in the program area. The Activity Net data has been proven to be effective and accurate.

### **Reliability:**

All officers must submit the activity report of their hours and specific activities. These reports are checked by at least two levels of supervision, and checked for accuracy and consistency.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Recreational Boating Injuries

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Officers document accidents using the Florida Boating Accident report. Reports completed by Commission officers are submitted to their supervisor for review. The reports are then sent to Tallahassee Headquarters where they are again reviewed by the boating safety staff and the accident data is entered by agency OPS personnel. Boating and Waterways then compiles the data into reports using computer software programs. Reports generated from this database supply the data for this and other measures. The reports are sampled by the boating safety lieutenant against hard copies of the reports for accuracy and completeness.

### **Validity:**

The document used to compile this data is an appropriate method for this and other measures.

### **Reliability:**

This data may be relied upon because state law requires that accidents be reported. Sworn law enforcement officers complete the accident reports in most cases. They are checked by at least two levels of supervision for accuracy and completeness. The boating safety lieutenant detects discrepancies on the accident reports prior to entry. The lieutenant will then return the incomplete or incorrect report to the reporting officer's supervisor or the appropriate law enforcement agency. After the boating accident reports are entered, they are sampled by comparing them with the hard copies of the reports for accuracy and completeness.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Regulatory Zones Properly Permitted

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

The Boating & Waterways Section receives waterway marker permit applications from state and local governmental entities. Pending adherence to Federal and State requirements, permits are issued for the marking of boating safety zones, grassbed restoration areas, manatee zone (both state and local) as well as various informational markers on a temporary and permanent basis. Information includes, but is not limited to: location (lat/long), entity contact, ordinance/rule creating zone and permit number, description/type of zone.

### **Validity:**

The provisions of 68D.23 FAC as well as 327.46 FS prescribe the procedures by which the Division permits and regulates the placement of markers in, on and over the waters of this state and shores thereof.

This chapter also provides for the design, construction, characteristics and coloring of all markers placed in, on and over the waters of this state and the shores thereof by adopting by reference the United States Aids to Navigation systems, Part 62 of Title 33 of the Code of Federal Regulations.

### **Reliability:**

The data is confirmed prior to permits being issued. Data is input and maintained within a database controlled by the Boating and Waterways Section. Waterway markers not within this database are considered illegal.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Vessel Safety Inspections

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Officers document their water patrol vessel inspections on their Activity Report. This report is submitted to their supervisor for review, who then sends them to the Regional Office where they are again reviewed. The reports are sent to Tallahassee Headquarters where they are entered by agency OPS personnel. Field Services compiles the data in the reports using computer software programs. Reports generated from this database supplies the data for this and other measures. The reports are sampled by the Data Quality Control specialist against hard copies of the reports for accuracy and completeness.

### Validity:

The document used to compile this data is an appropriate method for this and other measures.

### Reliability:

This data may be relied upon because officers are required by policy to submit the Activity Reports. The reports are checked by at least two levels of supervision for accuracy and completeness. It is not uncommon for a supervisor to physically verify activities that one of his subordinates submits. Officers have been disciplined for submission of false or inaccurate Activity Reports. The data entry operator detects discrepancies on the Activity Reports prior to entry. The data entry operator identifies incomplete or incorrect reports and gives them to the Field Services Lieutenant. The Lieutenant will then return the incomplete or incorrect report to the Regional Captain. After the activity reports are entered, they are sampled by comparing them with the hard copies of the reports for accuracy and completeness.



## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Vessels Checked

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Officers document their activities on their Activity Report. This report is submitted to their supervisor for review, who then sends them to the Regional Office where they are again reviewed. The reports are then sent to Tallahassee Headquarters where they are data entered by agency OPS personnel. Field Services then compiles the data in the reports using computer software programs. Reports generated from this database supply the data for this and other measures. The reports are sampled by the Data Quality Control specialist against hard copies of the reports for accuracy and completeness. Currently there is not a field on the activity report to document vessels checked. There is one for vessel safety inspections. The Division's interpretation of this measure is identical to the measure "Number of Vessel Safety Inspections" and the data is captured in the same manner. With the advent of the new computer aided dispatch (CAD) system, officers will also tell the radio dispatcher their activities as they complete them. These activities will then be saved into the regional CAD server. The criminal analyst will compile each regions data and produce statewide statistical reports.

### Validity:

The document used to compile this data is an appropriate method for this and other measures. The CAD data is directly entered as the officer completes each task and will allow the agency to document when a vessel check was completed.

### Reliability:

This data may be relied upon because officers are required by policy to submit Activity Reports. Therefore, the issue becomes the quality of the information contained in the reports. They are checked by at least two levels of supervision for accuracy and completeness. It is not uncommon for a supervisor to

physically verify activities that one of his subordinates submits. Officers have been disciplined for submission of false or inaccurate Activity Reports. The data entry operator detects discrepancies on the Activity Reports prior to entry. The data entry operator identifies incomplete or incorrect reports and gives them to the Field Services Lieutenant. The Lieutenant will then return the incomplete or incorrect report to the Regional Captain. After the activity reports are entered, they are sampled by comparing them with the hard copies of the reports for accuracy and completeness. Because the CAD data is entered as it occurs, it is a very reliable method to capture the information.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Number of Warnings, Arrests, and Convictions

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

Officers document their arrests and warnings on their Activity Report. This report is submitted to their supervisor for review, who then sends them to the Regional Office where they are again reviewed. The reports are then sent to Tallahassee Headquarters where they are data entered by agency OPS personnel. Field Services compiles the data into reports using computer software programs. Reports generated from this database supplies the data for this and other measures. The reports are sampled by the Data Quality Control specialist against hard copies of the reports for accuracy and completeness. With the advent of the new computer aided dispatch (CAD) system, officers will also tell the radio dispatcher their activities as they complete them. These activities will then be saved into the regional CAD server. The criminal analyst will compile each regions data and produce statewide statistical reports. All citations and most dispositions are entered. The state law requires that the county clerk of court send all boating and saltwater fishing major violation dispositions to the Commission for data entry. The citations and dispositions are sent to Tallahassee Headquarters where they are data entered by agency OPS personnel. Field Services compiles the data into reports using computer software programs. Reports are generated from this database that supplies the data for this and other measures. The reports are sampled by the Data Quality Control specialist against hard copies of the citations for accuracy and completeness.

### Validity:

The document used to compile this data is an appropriate method for this and other measures. The CAD data is directly entered as the officer completes each task and will allow the agency to document arrests and warnings. The arrest database is a proven system that is an appropriate method to track arrest and disposition information.

**Reliability:**

This data may be relied upon because officers are required by policy to submit Activity Reports. Therefore, the issue becomes the quality of the information contained in the reports. They are checked by at least two levels of supervision for accuracy and completeness. It is not uncommon for a supervisor to physically verify activities that one of his subordinates submits. Officers have been disciplined for submission of false or inaccurate Activity Reports. The data entry operator detects discrepancies on the Activity Reports prior to entry. The data entry operator identifies incomplete or incorrect reports and gives them to the Field Services Lieutenant. The Lieutenant will then return the incomplete or incorrect report to the Regional Captain. After the activity reports are entered, they are sampled by comparing them with the hard copies of the reports for accuracy and completeness. Because the CAD data is entered as it occurs, it is a very reliable method to capture the information.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Response Time to Emergency Calls

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

As calls are received by the Regional Communications Centers they are logged and dispatched to the first available officer. The officer will then notify dispatch as soon as he or she arrives on scene. With the Computer Aided Dispatch (CAD) system, officers either notify the duty officer their activities as they complete them, or they "self-dispatch" their activity on their Mobile Computer Terminals (MCT). These activities are saved to a CAD server on a regional level as well as a statewide enterprise level. The Government Operations Consultant I compiles each regions data and produces statewide statistical reports.

### **Validity:**

CAD data is directly entered as the officer completes each task and allows the agency to document response times in a much more effective and accurate manner.

### **Reliability:**

CAD data is directly entered as the officer completes each task and allows the agency to document response times in a much more effective and accurate manner.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department:  Fish and Wildlife Conservation Commission

Program:  Law Enforcement

Service/Budget Entity:  Fish, Wildlife, and Boating Law Enforcement

Measure:  Total Number of Hours Spent in Preventative Patrol and Investigations

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Officers document patrol and investigation hours on an activity report. The report is then submitted to their respective supervisors. The supervisor then reviews the reports and submits them for input into the Activity Net database. Reports are generated by the type of hours that the officer enters.

### **Validity:**

The documents used to compile this data are an appropriate method for this and other measures in the program area. The Activity Net data has been proven to be effective and accurate.

### **Reliability:**

All officers must submit the activity report of their hours and specific activities. These reports are checked by at least two levels of supervision, and checked for accuracy and consistency.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Division of Marine Fisheries Management

**Service/Budget Entity:** Marine Fisheries Services /77500200

**Measure:** Number of marine fisheries service contacts

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

Service contact tallies are kept by individual employees of the Marine Fisheries Services Section. These contacts include: number of commercial regulations/newsletters distributed, number of Special Activity Licenses applications processed, number of correspondence (phone calls/e-mails) with constituents of Marine Fisheries, workshop participants, number of saltwater products fishers and wholesale dealers who are contacted for purposes of developing economic descriptions of fisheries, number of commercial trap fishery traps collected through the trap retrieval program, number of audits performed, number of administrative hearings conducted and number of penalties assessed. This information is recorded regularly by the varying programs within the section, then this information is compiled to provide one number for reporting purposes.

### **Validity:**

There is ample documentation to analyze the measure definition, data elements, and sources of external data. There is a logical relation between the name of the measure, the data sources, and the procedure used to calculate the measure. Data collection and measure calculations are ongoing. The measure and data elements are well defined. There is a logical relation between the name of the measure, the definition, and the mathematical calculation. The measuring instruments are relevant, accurate, and timely.

### **Reliability:**

The measure definition, the description and structure of the reporting system, and the data definition have been implemented. Databases are maintained and internal controls in the reporting system are in place to ensure accurate calculations.

## LRPP EXHIBIT IV: Performance Measure Validity and Reliability

Department: Fish and Wildlife Conservation Commission

Program: Division of Marine Fisheries Management

Service/Budget Entity: Marine Fisheries Services / 77500200

Measure: Number of educational and outreach contacts

Action (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### Data Sources and Methodology:

**Angler Outreach Events:** Staffs engage current and future saltwater recreational anglers at large public events that draw recreational anglers, such as fishing and boating shows. Staffs also engage recreational anglers at other public events (festivals, etc.), access points (i.e. boat ramps and marinas) and other venues that draw anglers. Staffs interact with recreational anglers to provide fisheries conservation information, answer questions, and provide hands-on catch and release techniques demonstrations. Contacts for these programs are tracked through ticket sales (at events), turnstile counts, and staff directly counting the anglers they engage during the events.

**Aquatic Education Events:** Staffs engage current and future saltwater recreational anglers at small events scheduled by FWC staff. These events are curriculum based events designed to educate the participants about basic saltwater fishing skills, fisheries conservation practices, marine resource conservation, and how participants can be involved in the management of Florida's marine resources. Contact numbers are collected through registration forms completed by program participants and staff directly counting participants they engage during the events.

**Presentations:** Staffs engage current and future saltwater recreational anglers at fishing club meetings, small public events, hatchery tours, and school groups. Contact numbers are collected by staff directly counting participants they engage during the events. Saltwater regulations booklets specifically designed and distributed to anglers are counted as contacts.

**Communications:** Staffs engage the public through inquiries (mail, email, telephone, and in-person) about saltwater fishing, marine fisheries, and marine resource conservation. Staffs provide responses to these inquiries directly or through hard copy literature that is mailed to the requestor. These interactions



are documented directly by staff involved in the communication with the public or by items entered into a mail out database.

**Website visits:** The DMFM website ([www.myfwc.com/fishing/saltwater/](http://www.myfwc.com/fishing/saltwater/)) provides an important contact point for people seeking information about Florida marine fisheries and fishing activities. The DMFM website is a link on many websites outside of FWC. The DMFM's website contains information about Florida's saltwater fish and their biology, public workshops, regulations, license requirements, artificial reefs, the monofilament recycling and recovery program, the Federal Aid in Sport Fish Restoration program, marine fisheries related research, marine fisheries related publications, catch and fish information, saltwater fish identification and upcoming outreach and education events. Numbers of user visits are generated by querying the software.

**Validity:**

There is ample documentation to analyze the measure definition, data elements, and sources of external data. There is a logical relation between the name of the measure, the data sources, and the procedure used to calculate the measure. Data collection and measure calculations are ongoing. The measure and data elements are well defined. The measuring instruments are relevant, accurate, and timely.

**Reliability:**

A reliability assessment, which investigates the degree to which the measure definition, reporting system structure and calculation are being uniformly implemented, has been developed. There is a moderate probability that this measure is reliable subject to verification of procedures and data.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Division of Marine Fisheries Management

**Service/Budget Entity:** Marine Fisheries Management / 77500200

**Measure:** Number of fisheries management issues for which analysis was conducted and/or completed

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

The Fisheries Management Issue spreadsheet is maintained by the Analysis and Rulemaking Section of the Division of Marine Fisheries Management office at 2590 Executive Center Circle East, Tallahassee. The data are organized into three categories.

#### **Items taken before the Commission**

Items that are researched by staff and ultimately go before the Commission for deliberation and possible action are included in this category. This category includes items that are noticed on an agenda and presented to the Commission during a regularly scheduled meeting. Items in this category also may or may not be discussed at publicly noticed workshops outside of a regularly scheduled Commission meeting.

#### **Items analyzed for possible FWC action**

Items that are in the process of being analyzed or reviewed by staff to determine if they should be taken before the Commission are included in this category. This category includes items that might ultimately appear in the "Items taken before the Commission" category and items that may never appear before the Commission due to the results of the research and analyses done by staff. If the Commission takes up an item, the item will move out of this category and into the "Items taken before the Commission" category. Items in this category consume considerable staff time even though they may or may not appear before the Commission. Items in this category also may or may not be discussed at publicly noticed workshops.

#### **Items analyzed for possible federal action that have a direct bearing on FWC management.**

The Division of Marine Fisheries Management (DMFM) has a representative on both the South Atlantic Fishery Management Council (SAFMC) and the Gulf of Mexico Fishery Management Council (GMFMC), which are two regional Councils established by the Magnuson-Stevens Fishery Conservation and Management Act (reauthorized in 2007). These Councils create and amend federal management plans and recommend management actions to the U.S.

Department of Commerce for species that occur in federal waters of the Gulf of Mexico and Atlantic Ocean. DMFM also has a representative on the Gulf States Marine Fisheries Commission (GSMFC) and the Atlantic States Marine Fisheries Commission (ASMFC), which are two federally funded interstate Commissions that coordinate management of fisheries that cross state water boundaries. DMFM also works with the Highly Migratory Species (HMS) Division, which is a special division of the National Marine Fisheries Service that deals with fisheries that range across international boundaries. All of these entities make decisions that ultimately affect the citizens of the State of Florida and may be taken up by our Commission for potential Florida rulemaking. If the Commission takes up an item in this category, the item will move from this category and into the "Items taken before the Commission" category. Items in the current category are researched by staff for deliberation and possible action at each of the meetings of these entities. Items in this category consume considerable staff time even though they may or may not appear before the Commission.

**Validity:**

There is ample documentation to analyze the measure definition, data elements, and sources of external data. There is a logical relation between the name of the measure, the data sources, and the procedure used to calculate the measure.

**Reliability:**

There is a high probability that this measure will be reliable subject to verification of procedures and data. The description of the reporting system structure is documented. Responsible program manager will review and verify all performance data to be submitted. Documentation is to be maintained by responsible staff when maintaining the issue spreadsheet.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Division of Marine Fisheries Management

**Service/Budget Entity:** Marine Fisheries Management / 77500200

**Measure:** Number of artificial reefs created and/or monitored

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

The Dive Monitoring Database and the Statewide Artificial Reef Database (EXCEL software) are the responsibility of William Horn, Fisheries Biologist IV in the Fisheries Services Section of the Division of Marine Fisheries Management, (850).617.9634. The numbers of reefs created and/or monitored are recorded in the Dive Monitoring Database based on the following definitions of artificial reef creation and monitoring.

Number of artificial reefs created: An artificial reef created for purposes of this long range planning, occurs with the intentional and planned placement on the sea floor at an approved permitted location in a marine environment of approved man-made or natural (rock) material funded wholly or partially by state or federal money administered through the Division of Marine Fisheries Management. An individual artificial reef for purposes of this activity is composed of one or more structures cumulatively weighing one or more tons, placed within 150 feet or less of each other. Reef materials placed at distances beyond 150 feet from other artificial reefs would be considered separate reefs and counted separately. The distances from nearest neighbor reefs would be determined based upon differences in Global Positioning System (GPS readings) (accurate to within 10-20 feet). The 150 feet selected represents a minimum distance that artificial reefs must be removed from natural habitat and represents a minimum forage area for reef fish moving away from the reef to feed. Individual reefs may be highly variable in size (one ton or 5,000 tons) and footprint depending on the objective to be achieved. Therefore a single reef may not represent a consistent dollar amount cost. Cost may vary depending on reef size, material availability, whether it is secondary use material donated free of charge or a designed module where both construction and transportation costs are involved. County location along the coast, distance from closest navigable inlet, distance from shore, contractor availability, the location of materials to be secured, proximity of land-based staging areas and fluctuating diesel fuel costs also affect the cost of reef construction. Reefs are intended to minimize diver hazards and threats to entrapment of threatened and endangered species such as marine turtles.

**Number of artificial reefs monitored:** A reef monitored is an artificial reef or a natural reef associated with an artificial reef formally monitored by one or more divers on a given day. The same reef monitored on four different days in a year would constitute four reefs monitored. A reef monitored by four different people engaged in different monitoring tasks on the same day, would constitute only one reef monitored. Replicate surveys conducted during the course of the day on the same reef, would only constitute one reef monitored. Monitoring events can be of varying levels of detail. They may either examine varying aspects of the reef biota (species diversity, density, sizes, etc), physical characteristics of the artificial reef or both. Therefore, a single reef monitored in a given day may represent one survey by a dive pair or multiple surveys by multiple dive pairs, with each daily artificial reef survey effort of varying duration, detail, and cost. The monitoring event must either be conducted in-house by FWC staff or be paid for in whole or part by the FWC Division of Marine Fisheries Management in accordance with conditions of a formal contract. Reefs monitored will be shown in an Excel spread sheet breakout form that indicates monitoring events quarter and whether FWC or non-FWC personnel undertook the monitoring efforts. In circumstances where FWC staff participate in an FWC funded dive survey conducted under FWC contract with another entity, the FWC staff dives will not be double counted under monitoring events conducted in-house by FWC.

**Validity:**

Program staff was interviewed and documentation was reviewed for the purpose of analyzing the measure definition, data elements, and any source of external data. The degree to which a logical relationship exists between the name of the measure, the definitions, and the formula used to calculate the measure was determined. Data testing was conducted on the measure documentation.

**Reliability:**

The measure definition, the description and structure of the reporting system, and the data definition have been implemented. Improvements to the databases have been made and internal controls in the reporting system are in place to ensure accurate calculations.

## **LRPP EXHIBIT IV: Performance Measure Validity and Reliability**

**Department:** Fish and Wildlife Conservation Commission

**Program:** Division of Marine Fisheries Management

**Service/Budget Entity:** Marine Fisheries Management / 77500200

**Measure:** Percent of fisheries stocks that are increasing or stable

**Action** (check one):

- Requesting revision to approved performance measure.
- Change in data sources or measurement methodologies.
- Requesting new measure.
- Backup for performance measure.

### **Data Sources and Methodology:**

A: Fisheries dependent catch and effort are Oracle databases on the FWRI mainframe alpha server. Methodology: All catch and species composition for each commercial fishing trip are recorded on trip tickets by wholesale seafood dealers and provided to the FWRI as required by FS Chapter 379.362(6). Trip Tickets are then checked against historical records, corrected if necessary, and then entered in the fisheries dependent catch and effort databases.

B: Fisheries independent monitoring information is a collection of SAS databases on the FWRI server. Methodology: Scientifically trained marine biologists collect information on species abundance by time and place using standard scientific methodologies. Information is maintained in the fisheries independent monitoring information databases.

C: Fisheries age, growth and reproduction information are PC SAS databases on FWRI computers. Methodology: Scientifically trained marine biologists develop estimates of age at sexual maturity, growth, fecundity (eggs produced per spawn) and mortality for selected fishery species using scientifically proven methodologies. Fisheries age, growth and reproduction information are housed in PC SAS databases on FWRI computers.

The percent of fisheries stocks that are increasing or stable is calculated with information from the Fish and Wildlife Research Institute's annual report titled "Florida's Inshore and Nearshore Species: Status and Trends Report." The report contains the results from trend analyses for inshore and nearshore species found in Florida's waters. The trend analyses methods can be found in the report. Fish stocks have five results from the trend analysis: increasing, decreasing, stable, not applicable or insufficient data. The fish stocks are analyzed by coast: Gulf and Atlantic. If there is not a fishery on one of the coasts, the trend is listed as not applicable. To calculate the percentage of fisheries stocks that are increasing or stable, stocks that were listed as "not applicable" or "insufficient data" were removed from the dataset.

### **Validity:**

Based on the assessment methodology and data testing, there is a high probability that this measure is appropriate. Data collection and measure calculation are presently taking place. The measure and data elements are well defined. There is a logical relation between the name of the measure, the definition, and the mathematical

calculation. The formula in the measure documentation states clearly how the measure is calculated.

**Reliability:**

Based on the assessment methodology, there is a moderate probability that this measure is reliable based on data testing results. The measure definition, the description of the reporting system structure, and the data definition have been implemented to some degree based on program assertions. The program has a clear and specific description of the procedure for collecting data, reporting, and calculating the measure. Based on data testing, internal controls on the reporting system and calculations have been implemented to ensure accuracy.

4

# **Associated Activities Contributing to Performance Measures**

## **LRPP Exhibit V**



**LRPP Exhibit V: Identification of Associated Activity Contributing to Performance Measures**

Measure Number	Approved Performance Measures for FY 2013-14 (Words)		Associated Activities Title
1	Compliance with recreational and commercial licensing rules and law		N/A
2	Percent change in licensed anglers		N/A
3	Percent change in the number of licensed hunters		N/A
4	Number of recreational licenses and permit issued		Recreational Licenses and Permits
5	Number of commercial and other marine fishing license processed		Commercial Licenses and Permits
6	Number of wildlife and freshwater fishing commercial licenses and permits		Commercial Licenses and Permits
7	Number of rural counties assisted or advised regarding use of nature-based recreation as an economic development tool		Public Awareness & Economic Development
			Wildlife-viewing recreation
8	Number of people reached with fish and wildlife messages		Media Relation: Inform & Educate Citizens about Fish and Wildlife Messages
9	Economic impact of fishing, hunting and wildlife viewing (dollars/job)		N/A
10	Number of people reached with conservation messages		Conservation Education: Educate Citizens about Fish and Wildlife
11	Administrative costs as a percent of total agency costs		N/A
12	Administrative positions as a percent of total agency costs		N/A
13	Administrative costs per division		N/A
14	Administrative positions per division		N/A
16	Compliance with specified commission rules and state law		Uniform Patrol and Investigations
			Inspections
			Aviation
			Law Enforcement Administration
17	Response time to emergency calls		Uniform Patrol and Investigations
			Inspections

			Aviation Law Enforcement Administration
18	Number of recreational boating injuries		Uniform Patrol and Investigations Inspections Law Enforcement Administration
19	Number of warnings, arrests, and convictions		Uniform Patrol and Investigations Inspections Aviation Law Enforcement Administration
20	Number of vessels checked		Uniform Patrol and Investigations Inspections Law Enforcement Administration
21	Aircraft down time		Aviation Law Enforcement Administration
22	Communications equipment down time		Field Services Law Enforcement Administration
23	Total number of hours spent in preventative patrol and investigations		Uniform Patrol and Investigations Inspections Aviation Law Enforcement Administration
24	Number of vessel safety inspections		Uniform Patrol and Investigations Inspections Law Enforcement Administration
25	Total number of boating accidents investigated		Uniform Patrol and Investigations Inspections Law Enforcement Administration
26	Number of patrol hours		Uniform Patrol and Investigations Inspections Aviation Law Enforcement Administration
27	Number of investigative hours		Uniform Patrol and Investigations Inspections Law Enforcement Administration
28	Number of officers and recruits trained		Training

			Law Enforcement Administration
29	Number of enforcement flight hours		Aviation Law Enforcement Administration
30	Number of boats repaired		Field Services Law Enforcement Administration
31	Number of equipment repairs		Field Services Law Enforcement Administration
32	Number of data-related information requests fulfilled		Field Services Law Enforcement Administration
33	Number of regulatory zones properly permitted		Boating and Waterways Law Enforcement Administration
34	Number of boating safety education cards issued		Boating and Waterways Law Enforcement Administration
35	Percent of satisfied hunters		N/A
36	Number of Commission managed areas providing public hunting opportunities		N/A
37	Number of hunting accidents		N/A
38	Number of students graduating from hunter education courses		Hunter Safety and Ranges
39	Number of Hunters Served		Game Management - Hunting Opportunities
40	Percent of critical habitat (hot spots) secured and preserved through land acquisition, leases, conservation easements, management contracts or		N/A

	partnerships with landowners and other agencies		
41	Percent of wildlife species whose biological status is stable or improving		N/A
42	Number of acres managed for wildlife		Manage and Restore Public Lands
43	Number of written technical assists provided		Plan and Coordinate Habitat and Land Use
44	Number of survey and monitoring projects		N/A
45	Acres of fish and wildlife habitat conserved		Land Acquisition
46	Number of recovery plan actions implemented		Protect Manatees, Sea Turtles, Panthers and Black Bears
47	Number of water acres where habitat rehabilitation projects have been completed		Manage and Restore Freshwater and Marine Habitats
48	Number of acres of public water bodies		Manage Invasive Aquatic Plants in Public Waterways
49	Acres of public conservation lands infested with upland invasive exotic plants that have had control measures implemented		Manage Invasive Exotic Upland Plants on Public Conservation Lands
50	Percent Angler Satisfaction		ACT 4000 - Lakes and Rivers Fisheries Management Freshwater Fisheries Administration
51	Number of acres of water managed to improve fishing		ACT 4300 - Freshwater Fish Stocking ACT 4500 - Freshwater Fisheries Administration
52	Number of fish stocked		ACT 4000 - Lakes and Rivers Fisheries Management ACT 4500 - Freshwater Fisheries Administration
53	Percent of index Lakes where fish populations are stable and increasing		ACT 4000 - Lakes and Rivers Fisheries Management ACT 4500 - Freshwater Fisheries Administration

FISH AND WILDLIFE CONSERVATION COMMISSION		FISCAL YEAR 2013-14			
		SECTION I: BUDGET		OPERATING	FIXED CAPITAL OUTLAY
TOTAL ALL FUNDS GENERAL APPROPRIATIONS ACT				293,788,053	15,510,365
ADJUSTMENTS TO GENERAL APPROPRIATIONS ACT (Supplementals, Vetoes, Budget Amendments, etc.)				16,952,973	0
FINAL BUDGET FOR AGENCY				310,741,026	15,510,365
SECTION II: ACTIVITIES * MEASURES		Number of Units	(1) Unit Cost	(2) Expenditures (Allocated)	(3) FCO
Executive Direction, Administrative Support and Information Technology (2)					0
Fisheries Assessment * Number of fisheries assessments and data summaries conducted		1,039,054	20.95	21,763,579	
Imperiled Species And Wildlife Assessments * Number of requests for status of endangered and threatened species and wildlife		172,653	42.48	7,334,128	
Harmful Algal Bloom And Aquatic Health Monitoring And Assessment * Number of red tide and aquatic health assessments completed		217,849	18.40	4,009,347	
Habitat Monitoring And Assessment * Number of requests for assessments or seagrass, salt marsh, or mangrove, coral, aquatic, and upland habitat		68,892	37.58	2,588,863	
Gis Technical Support And Services * Number of technical and analytical GIS remote sensing requests completed and GIS oil spill training assistance provided		1,104,538	4.41	4,872,542	
Manatee Rehabilitation * Number of Manatees Rehabilitated		83	24,096.39	2,000,000	
Fwrl - Administrative Services And Facilities Management * N/A		5,326,716	1.04	5,515,908	2,000,000
Recreational Licenses And Permits * Number of Recreational Licenses and Permits Issued		2,432,325	1.15	2,790,936	
Commercial Licenses And Permits * Number Commercial fishing and wildlife licenses, permits and tags issued		2,048,435	0.63	1,297,682	
Conservation Stewardship: Educate Citizens About Fish And Wildlife Conservation * Number of people reached with conservation messages		2,022,701	0.09	178,102	
Hunter Safety And Ranges * Number of students graduating from Hunter Safety courses		13,612	181.84	2,475,152	1,400,000
Media Relation - Inform And Educate Citizens About Fish And Wildlife Messages * Number of People reached with fish and wildlife messages		19,575,097	0.07	1,435,657	
Public Awareness And Economic Development * Number of counties counseled regarding use of nature-based recreation as an economic tool		57	602.98	34,370	
Land Acquisition * Acres of fish and wildlife habitat purchased		543,296	1.09	594,894	
Uniform Patrol And Investigations * Number of patrol and investigation hours		1,251,623	68.57	85,830,003	623,865
Inspections * Number of Inspections		5,257	273.48	1,437,667	
Aviation * Number of flight hours		3,551	701.28	2,490,228	
Boating And Waterways * Number of boating and waterway projects supported		424	8,873.00	3,762,150	5,112,000
Law Enforcement Administration * N/A		4,119,090	1.06	4,368,480	
Field Services * Number of service/repair hours		22,360	187.76	4,198,417	
Training * Hours of training completed		85,368	33.08	2,823,622	
Manage And Restore Public Lands * Number of acres managed for wildlife		5,911,730	4.02	23,776,390	999,500
Game Management - Hunting Opportunities * Number of hunters served		175,526	23.99	4,210,319	
Plan And Coordinate Habitat And Land Use * Number of written technical assists provided		1,163	2,244.18	2,609,979	
Wildlife Viewing Recreation * Number of Floridians and visitors engaged in wildlife viewing		5,214,235	0.23	1,216,414	
Habitat And Species Conservation Administration * N/A		4,265,882	1.05	4,498,073	
Protect Manatees, Sea Turtles, Panthers And Black Bear * Number of recovery plan actions implemented		54	41,092.24	2,218,981	
Manage And Restore Freshwater And Marine Habitats * Number of water acres where habitat projects have been completed		87,269	69.87	6,097,598	4,000,000
Protect Nongame Fish And Wildlife * Number of native fish and wildlife species with stable or increasing populations		353	20,864.44	7,365,147	
Prevent Introduction Of And Eliminate Undesirable Exotic Species * Number of exotic species with management plans written		6	228,848.33	1,373,090	
Manage Invasive Aquatic Plants In Public Waterways * Number of acres of public water bodies managed		1,250,000	20.38	25,477,285	75,000
Manage Invasive Exotic Upland Plants On Public Conservation Lands * Number of acres of invasive exotic upland plants managed		414,854	25.57	10,607,915	
Hunting And Game Management Coordination And Oversight * N/A		377,827	1.09	412,226	
Lakes And Rivers Freshwater Fisheries Management * Number of Water Bodies and Acres Managed to Improve Fishing		1,717,523	3.68	6,320,673	
Freshwater Fish Stocking * Number of Fishes Stocked		3,540,604	0.49	1,751,250	
Freshwater Fisheries Administration * N/A		189,967	1.09	207,166	
Marine Fisheries Management * Number of Fishery Management Plans Reviewed and Analysis Conducted		67	12,661.18	848,299	
Marine Fisheries Education And Outreach * Number of Educational and Outreach Contacts		1,772,618	0.50	887,757	
Artificial Reef Management * Number of Reefs Created and/or Monitor		296	1,417.01	419,435	1,300,000
Marine Fisheries Administration * N/A		221,131	1.04	229,731	
Marine Fisheries Commercial Services * Number of Marine Fisheries Service Contacts		596,536	1.60	954,612	
TOTAL				263,284,067	15,510,365
SECTION III: RECONCILIATION TO BUDGET					
PASS THROUGHS					
TRANSFER - STATE AGENCIES					
AID TO LOCAL GOVERNMENTS					
PAYMENT OF PENSIONS, BENEFITS AND CLAIMS					
OTHER					
REVERSIONS				47,460,395	
TOTAL BUDGET FOR AGENCY (Total Activities + Pass Throughs + Reversions) - Should equal Section I above. (4)				310,744,462	15,510,365

### SCHEDULE XI/EXHIBIT VI: AGENCY-LEVEL UNIT COST SUMMARY

(1) Some activity unit costs may be overstated due to the allocation of double budgeted items.  
(2) Expenditures associated with Executive Direction, Administrative Support and Information Technology have been allocated based on FTE. Other allocation methodologies could result in significantly different unit costs per activity.  
(3) Information for FCO depicts amounts for current year appropriations only. Additional information and systems are needed to develop meaningful FCO unit costs.  
(4) Final Budget for Agency and Total Budget for Agency may not equal due to rounding.

## ***FWCC -Glossary of Terms and Acronyms***

**Aquatic Gap Analysis** - A method for developing a computerized map of the locations of biological resources in aquatic ecosystems, identifying hot spots of aquatic biodiversity, and analyzing aquatic biodiversity in relation to watershed land practices to locate gaps in the protection system.

**ARC** – An analysis tool for Geographic Information Systems (GIS)

**Artificial Reefs** – A marine reef is one or more natural or manmade objects intentionally prepared and purposefully placed on the sea floor to mimic some aspects of a natural reef in order to influence physical, biological or socio-economic processes related to living marine organisms for fisheries, nature conservation, habitat restoration, or recreation purposes.

**Change Detection Analysis** –A method of analyzing satellite imagery to identify locations and types of changes in land use (e.g., urban, agriculture, mining) and land cover over time.

**CDPD** – Cellular Digital Packet Data; communications technology that supports access to the internet. Allow mobile units to connect to the internet.

**Customer Service** – Those individuals who use the Commissions products or services whether or not they directly pay for them.

**Geographic Information System** – The computer hardware, software, and peripherals (e.g., printers, plotters, digitizing tablet) used to create maps and perform spatially explicit analyses.

**Hard Bottom** - Coral communities lacking the coral diversity, density and reef development of patch and outer bank reefs. Some hard bottom is more appropriately termed hard banks, organic banks or simply banks.

**Hunter Education Program** – A federally funded section within the Office of Information Services charged with developing and administering course curriculums as required by Florida Statutes 372.5717, a Hunter Safety course for certification and Jr. Hunter Safety Courses. Additional hunter education related programs include; development, construction, and maintenance of public shooting ranges, administering the Becoming an Outdoors Women Workshops, and managing a Hunter Education/Outdoors Skills Training Center with a resident summer camp program.

**Hybrid Striped Bass** – The offspring by breeding a striped bass with a white bass.

Continued  
FWCC -Glossary of Terms

**Loaner PFD** – Personal floatation device (life Jacket) loaned to public by FWC officers on patrol.

**Manatee Recovery Plan Tasks** – Specific action defined in the Recovery Plan for the Florida manatee, published by the U.S. Fish and Wildlife Service.

**Outreach** – A form of education that integrates research, management and customer service. It involves generating, transmitting, applying and preserving information for the direct benefit of external audiences in ways that are consistent with the agency mission.

**Project Eagle** – A cooperative litter clean-up campaign that involves the FWC and other public/private entities.

**Put-Grow-and Take Stocking** – A type of fish stocking in which fish are stocked (put in the water) and allowed to grow for a period of time before harvest.

**Special Opportunity Hunts** - These are high quality hunts established by the Commission on a limited entry basis where there are low hunter densities and a high probability of success. Application and permit fees are established and administered separately from traditional public hunts and application fees (\$5 each) are nonrefundable.