

LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES  
RELEVANCE AND RELIABILITY OF  
PERFORMANCE INFORMATION



PERFORMANCE AUDIT  
ISSUED NOVEMBER 14, 2012

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AT 225-339-3800.**

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LOUISIANA LEGISLATIVE AUDITOR  
DARYL G. PURPERA, CPA, CFE

November 14, 2012

The Honorable John A. Alario, Jr.,  
President of the Senate  
The Honorable Charles E. "Chuck" Kleckley,  
Speaker of the House of Representatives

Dear Senator Alario and Representative Kleckley:

This report provides the results of our performance audit on the relevance and reliability of performance information for the Fisheries and Enforcement programs within the Louisiana Department of Wildlife and Fisheries (LDWF).

The report contains our findings, conclusions, and recommendations. Appendix A contains LDWF's response to this report. I hope this report will benefit you in your legislative decision-making process.

We would like to express our appreciation to the management and staff of LDWF for their assistance during this audit.

Sincerely,

Daryl G. Purpera, CPA, CFE  
Legislative Auditor

DGP/ch

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# Louisiana Legislative Auditor

Daryl G. Purpera, CPA, CFE



## Louisiana Department of Wildlife and Fisheries - Relevance and Reliability of Performance Information

November 2012

Audit Control # 40110056

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### Executive Summary

Louisiana Revised Statute 39:87.3 (D)(E) directs the Louisiana Legislative Auditor to provide an assessment of state agencies' performance data. In accordance with this requirement, we scheduled an audit on the relevance and reliability of performance information at the Louisiana Department of Wildlife and Fisheries (LDWF). We selected the Fisheries program within the Office of Fisheries and the Enforcement program within the Office of the Secretary for our assessment because their missions and performance indicators focus on public health/safety. We assessed the relevance of the performance information for the following activities under these programs for fiscal year (FY) 2012:

#### **Fisheries Program:**

1. Habitat Stewardship and Resource Management
2. Access, Opportunity and Outreach
3. Environment and Habitat Disaster Recovery
4. Administrative

#### **Enforcement Program:**

1. Wildlife, Fisheries and Ecosystem Enforcement
2. Boating Safety and Waterway Enforcement
3. Search and Rescue and Maritime Security

Our reliability assessment of the performance information for these activities focused on the Fisheries program's nine key outcome performance indicators for the fourth quarter of FY 2011.<sup>1</sup> Our analysis did not include performance information for the Enforcement program

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<sup>1</sup> "Key outcome indicators" are used for decision-making by measuring results and gauging program effectiveness. Appendix D lists the key outcome indicators we reviewed for this audit.

because all of its outcome indicators reported in the Louisiana Performance Accountability System (LaPAS) are supporting indicators, not key outcome indicators.<sup>2</sup> Appendix A contains LDWF's response to the audit. Appendix B contains our scope and methodology. The audit objectives and results of our work are as follows:

**Objective 1: Is LDWF's performance information for the seven activities within the Fisheries and Enforcement programs relevant?**

**Results:** Overall, LDWF's performance information for the seven activities we reviewed within the Fisheries and Enforcement programs is relevant. Using criteria from the state's performance budget manual, we found that performance information existed for all activities and all objectives were aligned, measurable, understandable, and had at least one outcome indicator.<sup>3</sup> However, management could improve its performance information by ensuring all objectives are time-bound. The results of our relevance analysis are summarized in the following chart.

Summary of Relevancy Results Fisheries and Enforcement Programs' Performance Information Fiscal Year 2012		
Criteria	Fisheries Program	Enforcement Program
Performance Information Exists	Yes	Yes
Aligned	Yes	Yes
Objectives are Measurable and Time-Bound	All objectives are measurable. None (0%) of the four objectives are time-bound.	All objectives are measurable. None (0%) of the three objectives are time-bound.
Outcome Indicator Exists for Each Objective	Yes	Yes
Understandable	Yes	Yes
<b>Source:</b> Prepared by legislative auditor's staff using results from Appendix C.		

**Objective 2: Are the performance indicators for the four activities within the Fisheries program reliable?**

**Results:** We reviewed the nine key outcome indicators for the Fisheries program for the fourth quarter of FY 2011 and found that three (33%) indicators were reliable and two (23%) were reliable with qualifications. This means that while our calculation agreed

<sup>2</sup> According to *Manageware: A Practical Guide to Managing for Results*, each program objective is only required to have one outcome indicator, not a key outcome indicator. For the scope of this audit, we focused only on key outcome indicators.

<sup>3</sup> *Manageware: A Practical Guide to Managing for Results* is published by the state's Office of Planning and Budget and provides requirements for agencies related to performance measures. The criteria we used to assess relevancy are from this manual.

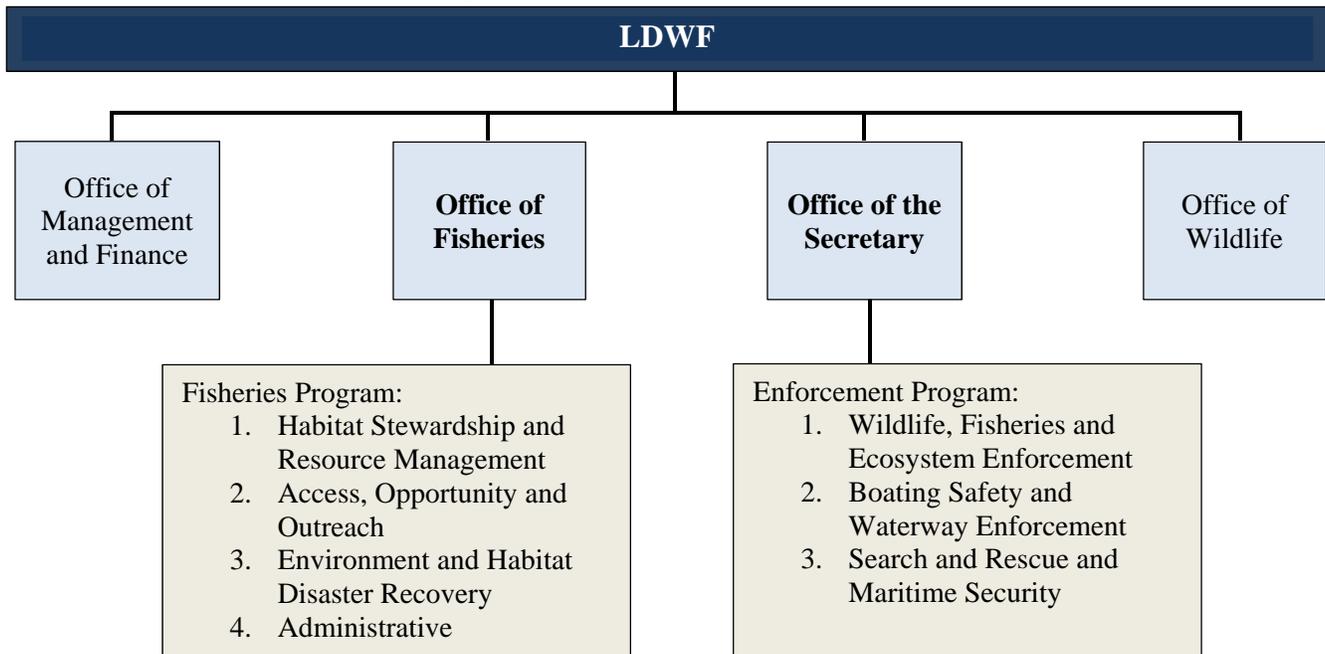
with management's calculation based on the information provided, agency controls over data collection and reporting did not always ensure accuracy and consistency. We also found three (33%) indicators that were unreliable. These indicators were unreliable because program staff reported items from the incorrect year, included duplicate numbers, and excluded some license categories in their calculation. In addition, for one (11%) indicator we could not determine if the value was reliable because the agency did not have supporting documentation or formalized procedures for its calculation. The results of our reliability analysis are summarized in the following chart.

<b>Summary of Reliability Results Fourth Quarter Fiscal Year 2011</b>		
<b>Category</b>	<b>Number of Indicators</b>	<b>Percentage of Indicator</b>
Reliable	3	33%
Reliable with Qualifications	2	23%
Unreliable	3	33%
Reliability Undetermined	1	11%
<b>Total</b>	<b>9</b>	<b>100%</b>
<b>Source:</b> Prepared by legislative auditor's staff using reliability results from Appendix D.		

## Background

**LDWF Mission and Organizational Structure.** The mission of LDWF is to manage, conserve, and promote the wise utilization of Louisiana's renewable fish and wildlife resources and their supporting habitats; to provide opportunities for knowledge of and use and enjoyment of the resources; and to promote a safe and healthy environment for the users of these resources. Exhibit 1 shows the location of the Fisheries and Enforcement programs within LDWF and their activities.

**Exhibit 1  
Organizational Structure of LDWF**



**Source:** Prepared by legislative auditor's staff using information from the FY 2012 Executive Budget.

**Activity Descriptions.** We reviewed performance information for the four activities under the Fisheries program under the Office of Fisheries and the three activities under the Enforcement program under the Office of the Secretary. In FY 2012, the Office of Fisheries was appropriated approximately \$95.9 million and 230 authorized positions and the Office of the Secretary was appropriated approximately \$27.4 million and 266 authorized positions. A description of the Fisheries and Enforcement programs' activities are summarized below.

### **Fisheries Program:**

1. **Habitat Stewardship and Resource Management.** This activity provides and maintains sustainable aquatic resources through activities such as collecting ecological data and creating fishing opportunities.

2. **Access, Opportunity and Outreach.** This activity provides and maintains artificial reefs, responds to threats from invasive species, manages public boating access sites, and advises beneficiaries on stewardship best practices in preserving the state's natural resources.
3. **Environment and Habitat Disaster Recovery.** This activity seeks, implements, and distributes federal program funds designed to aid the recreational/commercial fishing industries from natural and man-made disasters.
4. **Administrative.** This activity provides oversight, strategic guidance, interagency collaboration, executive management, and administrative support for all Office of Fisheries activities.

**Enforcement Program:**

1. **Wildlife, Fisheries and Ecosystem Enforcement.** This activity is responsible for protecting wildlife and fishery resources through the enforcement of state and federal laws, regulations, and programs.
2. **Boating Safety and Waterway Enforcement.** This activity is responsible for protecting the public on the state's waterways through education and enforcement of boating safety laws.
3. **Search and Rescue and Maritime Security.** This activity is responsible for providing and coordinating search and rescue response activities through training, first response to search and rescue events, maritime security patrols, saving lives, and protecting critical infrastructures.

## Objective 1: Is LDWF's performance information for the seven activities within the Fisheries and Enforcement programs relevant?

Overall, LDWF's performance information for the seven activities within the Fisheries and Enforcement programs is relevant. We used the following criteria from the state's performance budgeting manual to determine if the performance information was relevant:<sup>4</sup>

- Performance information exists for all activities.
- Performance information is aligned (i.e., indicators answer objectives; objectives answer goals).
- Objectives are measurable and time-bound (i.e., provide a target date to accomplish).
- At least one outcome indicator exists for each program objective.
- Performance information is understandable and does not contain jargon that is not explained by explanatory notes.

For both programs, we found that performance information existed for all activities and all objectives were aligned, measurable, understandable, and had at least one outcome indicator. However, management could improve its performance information by ensuring all objectives are time-bound. Exhibit 2 summarizes the results according to the relevance criteria listed above. Appendix C provides specific details on the results of our relevancy analysis.

<b>Exhibit 2</b>		
<b>Summary of Relevancy Results</b>		
<b>Performance Information for the Fisheries and Enforcement Programs</b>		
<b>Fiscal Year 2012</b>		
<b>Criteria</b>	<b>Fisheries Program</b>	<b>Enforcement Program</b>
Performance Information Exists	Yes	Yes
Aligned	Yes	Yes
Objectives are Measurable and Time-Bound	All objectives are measurable. None (0%) of the four objectives are time-bound.	All objectives are measurable. None (0%) of the three objectives are time-bound.
Outcome Indicator Exists for Each Objective	Yes	Yes
Understandable	Yes	Yes
<b>Source:</b> Prepared by legislative auditor's staff using results from Appendix C.		

<sup>4</sup> *Manageware: A Practical Guide to Managing for Results* is published by the state's Office of Planning and Budget and provides requirements for agencies related to performance measures. The criteria we used to assess relevancy are from this manual.

**Recommendation 1:** LDWF should ensure that all of the Fisheries and Enforcement programs' objectives contain timeframes by which each objective must be accomplished.

**Summary of Management's Response:** The Office of Fisheries agrees with this recommendation, has devised a corrective action plan, and is revising the operational plan and performance indicators.

## Objective 2: Are the performance indicators for the four activities within the Fisheries Program reliable?

We reviewed and recalculated the nine key outcome performance indicators for the Fisheries program that were reported in the fourth quarter of FY 2011.<sup>5</sup> Our analysis did not include the Enforcement program because all of its outcome indicators reported in LaPAS were supporting indicators, not key outcome indicators.<sup>6</sup> We classified our results based on the following categories and criteria:

- **Reliable** - reported performance is accurate within +/-5%, and it appears that controls for collecting and reporting data are in place.
- **Reliable with Qualifications** - reported performance is within +/-5%, but source documentation cannot be verified, and/or controls cannot be tested with complete assurance.
- **Unreliable** - reported performance is not within +/-5%.
- **Reliability Undetermined** - documentation is not available, and controls alone are not adequate to ensure accuracy.

Using the categories above, we found that three (33%) of the Fisheries program's nine key outcome performance indicators were reliable. We also identified two (23%) indicators that were reliable with qualifications, three (33%) that were unreliable, and one (11%) with reliability undetermined. Exhibit 3 summarizes our results for each category. Appendix D lists the key outcome indicators and provides specific details of our reliability analysis.

Exhibit 3 Summary of Reliability Results Fourth Quarter Fiscal Year 2011		
Category	Number of Indicators	Percentage of Indicators
Reliable	3	33%
Reliable with Qualifications	2	23%
Unreliable	3	33%
Reliability Undetermined	1	11%
<b>Total</b>	<b>9</b>	<b>100%</b>
<b>Source:</b> Prepared by legislative auditor's staff using reliability results from Appendix D.		

**Indicators Reliable with Qualifications.** Two (23%) of the nine indicators were reliable with qualifications for the fourth quarter of FY 2011. This means that while our

<sup>5</sup> "Key outcome indicators" are used for decision-making by measuring results and gauging program effectiveness. Appendix D lists the key outcome indicators we reviewed for this audit.

<sup>6</sup> According to *Management: A Practical Guide to Managing for Results*, each program objective is only required to have one outcome indicator, not a key outcome indicator. For the scope of this audit, we focused only on key outcome indicators.

calculations were within +/-5% of LDWF's calculation, we determined that agency controls over data collection and reporting were not adequate to always ensure accuracy and consistency of the calculation for LaPAS. For example, the internal controls for one indicator did not ensure that current data was used in the calculation.

**Unreliable Indicators.** Three (33%) of the nine performance indicators were unreliable for the fourth quarter of FY 2011. Our calculations were not within +/-5% of LDWF's calculations for these indicators based on the data provided. These indicators were unreliable due to management calculating the indicator with an incorrect population and including surveys and projects from wrong fiscal years.

**Reliability Undetermined.** We were unable to determine reliability for one (11%) of the nine indicators because the agency did not have supporting documentation or formalized procedures for the calculation. Exhibit 4 provides additional details for the performance indicators that were unreliable and for the indicators where we could not determine the reliability.

<b>Exhibit 4</b>			
<b>Explanation of Unreliable and Reliability Undetermined Performance Indicators</b>			
<b>Fourth Quarter Fiscal Year 2011</b>			
<b>Performance Indicators</b>	<b>Fisheries Activity</b>	<b>Reliability</b>	<b>Explanation</b>
Percentage of recreational fishers surveyed regarding resource management efforts	Habitat Stewardship and Resource Management	Unreliable	LDWF included surveys that were sent in FY 2012 instead of FY 2011. Additionally, the population of recreational fishermen with licenses included duplicates and excluded some license categories.
Number of public boating or fishing access sites enhanced, created and promoted	Access, Opportunity and Outreach	Unreliable	LDWF miscalculated the total number of projects and included projects that were completed in FY 2009 and 2010 instead of FY 2011.
Number of artificial reef projects enhanced, created and promoted	Access, Opportunity and Outreach	Unreliable	LDWF included one reef that should have been counted as two in the calculation.
Percentage of state water bodies over 500 acres without significant aquatic vegetation problems	Access, Opportunity and Outreach	Reliability Undetermined	LDWF did not have supporting documentation. Additionally, LDWF did not have written, formalized guidelines for what constitutes a significant aquatic plant issue.
<b>Source:</b> Prepared by legislative auditor's staff using reliability results from Appendix D.			

**Recommendation 2:** LDWF should establish written, formalized policies and procedures for the collection, calculation, and review of all indicator calculations.

**Summary of Management's Response:** The Office of Fisheries agrees with this recommendation and has devised a corrective action plan. After meeting with staff and revising our new indicators, each director will establish formal written procedures to track indicators. This new plan will be effective beginning fiscal year 2014. The procedures will be in place by June 30, 2013.

**Recommendation 3:** For the indicator “percent of recreational fishers surveyed regarding resource management efforts,” LDWF should ensure that surveys are distributed in the correct year and the correct number of recreational licensed fishermen are included in the calculation.

**Summary of Management's Response:** After reviewing the audit report, the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.

**Recommendation 4:** For the indicator “number of public boating or fishing access sites enhanced, created and promoted,” LDWF should ensure that projects completed in the correct year are calculated and no duplicates are included in the calculation.

**Summary of Management's Response:** After reviewing the audit report, the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.

**Recommendation 5:** For the indicator “number of artificial reef projects enhanced, created and promoted,” LDWF should ensure the correct number of reefs are included in the calculation.

**Summary of Management's Response:** After reviewing the audit report, the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.

**Recommendation 6:** For the indicator “percentage of state water bodies over 500 acres without significant aquatic vegetation problems,” LDWF should retain supporting documentation and establish written, formalized guidelines for significant aquatic plant issues to help ensure the accuracy and consistency of data across districts.

**Summary of Management's Response:** After reviewing the audit report, the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.

## **APPENDIX A: MANAGEMENT'S RESPONSE**



BOBBY JINDAL  
GOVERNOR

*State of Louisiana*  
DEPARTMENT OF WILDLIFE AND FISHERIES  
OFFICE OF SECRETARY

ROBERT J. BARHAM  
SECRETARY

October 24, 2012

Mr. Daryl G. Purpera, CPA, CFE  
Louisiana Legislative Auditor  
PO Box 94397  
Baton Rouge, Louisiana 70804-9397

RE: Performance Audit Report

Dear Mr. Purpera,

I would like to thank you and your staff for the professional manner in which you conducted your performance audit of the Louisiana Department of Wildlife and Fisheries (LDWLF). We appreciate the opportunity to respond to your recommendations.

Recommendation 1: LDWLF should ensure that all of the Fisheries and Enforcements programs' objectives contain timeframes by which each objective must be accomplished.

*LDWLF Response: The Office of Fisheries agrees with this recommendation and has devised a corrective action plan. After meeting with the auditors and discussing their recommendations the Office of Fisheries is revising the operational plan and performance indicators. The new indicators are more percentage based to clearly show how the Office is achieving goals and will be based on the fiscal year. The timeframes for each indicator will be described in the policies and procedures developed with the new plan.*

*The Louisiana Wildlife and Fisheries Law Enforcement Division (LDWF/LED) feels the performance indicator outcome measures are in fact time-bound. The performance standards are recorded in LaPas each year for the fiscal year and then documented quarterly and finalized following the end of the fiscal year. Observed compliance outcome measures are criminological statistics reporting the level of non-criminal behavior for the particular category. Generally crime statistics are reported this way and charted over time to identify trends and other influencing factors. If we were to add new indicators identifying (percent change over a 12 month period of observed compliance for each observed compliance outcome percentage) the percentage of a reported percentage would be an unclear number. Reporting the actual observed compliance figure annually and quarterly and documenting variations along the way provides a more accurate performance standard. We feel this would provide confusing results and would not be consistent with current outcome measures being reported as other criminological statistics are reported. Additionally, the percent change over time is calculated as the variance figure in LaPas.*

Recommendation 2: LDWLF should establish written, formalized and procedures for the collection, calculation and review of all indicator calculations.

*LDWLF Response: The Office of Fisheries agrees with this recommendation and has devised a corrective action plan. After meeting with staff and revising our new indicators each director will establish formal written procedures to track indicators. This new plan will be effective beginning fiscal year 2014. The procedures will be in place by June 30<sup>th</sup> 2013.*

Recommendation 3: For the indicator “percent of recreational fishers surveyed regarding resource management efforts”, LDWLF should ensure that surveys distributed in the correct year and the correct number of recreational licensed fishermen is calculated in the calculation.

*LDWLF Response: After reviewing the audit report, the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.*

Recommendation 4: For the indicator “number of public boating and fishing access sites enhanced, created and promoted”, LDWLF should ensure that projects completed in the correct year are calculated and no duplicates are included in the calculation.

*LDWLF Response: After reviewing the audit report the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.*

Recommendation 5: For the indicator “number of artificial reef projects enhanced, created and promoted”, LDWLF should ensure the correct number of reefs are included in the calculation.

*LDWLF Response: After reviewing the audit report the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.*

Recommendation 6: For the indicator “percentage of state water bodies over 500 acres without significant aquatic vegetation problems”, LDWLF should retain supporting documentation and establish written, formalized guidelines for significant aquatic plant issues to help ensure the accuracy and consistency of data across districts.

*LDWLF Response: After reviewing the audit report the Office of Fisheries has decided to discontinue this indicator and has developed new indicators. These new indicators better reflect the Office of Fisheries objectives.*

If you have any questions or need additional information, please contact me.

Sincerely



Robert Barham  
Secretary

Copy: Lois Azzarello, Undersecretary, LDWLF  
Randy Pausina, Assistant Secretary, Office of Fisheries  
Winton Vidrine, Colonel, LDWLF Law Enforcement Division  
Cathy Lockett, Chief Fiscal Officer, LDWLF

## APPENDIX B: AUDIT INITIATION, SCOPE, AND METHODOLOGY

We conducted this performance audit under the provisions of Title 24 of the Louisiana Revised Statutes (R.S.) of 1950, as amended. R.S. 39:87.3 (D) (E) directs the Louisiana Legislative Auditor to provide an assessment of state agencies' performance data. To fulfill this requirement, we periodically examine the relevance and/or the reliability of performance data for various state agencies. Our audit focused on the Louisiana Department of Wildlife and Fisheries (LDWF's) relevance of performance data for the Fisheries and Enforcement programs for fiscal year (FY) 2012 and the reliability of performance data for the Fisheries program for the fourth quarter of FY 2011.

We conducted this performance audit in accordance with generally accepted government auditing standards issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide reasonable basis for our findings and conclusions based on our audit objectives. We believe the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives. To answer our objectives, we performed the following audit steps:

### **Objective 1: Is LDWF's performance information for the seven activities within the Fisheries and Enforcement programs relevant?**

- Conducted background research and a risk assessment, including a review of state and federal laws relating to performance accountability.
- Identified the federal and state legal authority for the Fisheries and Enforcement programs, including their mission, goals, and objectives.
- Reviewed and identified performance indicators, mission, goals, and objectives in the Executive Budget documents of FY 2012.
- Reviewed 18 key and 21 supporting indicators for the Fisheries program and three key and 18 supporting indicators for the Enforcement program in FY 2012 for relevancy by using criteria outlined in the state's performance budgeting manual.
- Reviewed *Manageware: A Practical Guide to Managing for Results*, the Office of Planning and Budget's guidance documentation on performance indicators and developed relevance criteria based on this guidance.
- Interviewed the Fisheries and Enforcement programs' staff and management to determine how they use performance data to make decisions and manage their programs.

## Objective 2: Are the performance indicators for the four activities within the Fisheries program reliable?

- Assessed the control structure for nine of the program’s key outcome performance indicators for the fourth quarter of FY 2011. Our analysis focused on this quarter because the program reports five of these nine indicators annually in the fourth quarter of each fiscal year to the Louisiana Accountability System (LaPAS). As a result, this was the most recent quarter all indicators were reported.
- Researched the United States Government Accountability Office to develop our criteria for reliability. Each indicator was classified into the following categories:
  - “*Sufficiently reliable*” (defined in report as “**reliable**” or “**reliable with qualifications**”) if the results of the audit provide assurance that (1) the likelihood of significant errors or incompleteness is minimal and (2) the use of data would not lead to an incorrect or unintentional message.
  - “*Not considered sufficiently reliable*” (defined in report as “**unreliable**”) if (1) significant errors or incompleteness exists in some of or all the key data elements and (2) if using the data would probably lead to an incorrect or unintentional message.
  - “*Undetermined reliability*” (defined in report as “**reliability undetermined**”) if specific factors are present, such as limited access to the data source, a wide range of data that cannot be examined with current resources, data limitations that prevent an adequate assessment, short time periods, the deletion of original computer files, or a lack of access to needed documents.
- Interviewed program staff and management on performance indicators, their processes and calculations, and use of their results.
- Conducted a survey and interviewed management to assess performance indicator input, process, and review controls.
- Examined program policies and procedures relating to our audit objectives.
- Compared program performance indicators in the Executive Budget documents to LaPAS.
- Obtained and analyzed performance information source data for accuracy and completeness, including database report coding.
- Analyzed method of calculation of performance indicator used by LDWF for accuracy.
- Recalculated the performance indicators based on established calculation methodology.

- Reviewed LaPAS reported results for entry errors.
- Assessed performance indicator names and data for clarity.
- Calculated the percentage difference between the actual performance and reported performance; if the percentage difference was more than 5%, we considered the value inaccurate.

## APPENDIX C: FISHERIES AND ENFORCEMENT PROGRAMS' PERFORMANCE INFORMATION - RELEVANCY RESULTS

Performance Information		Aligned	Easy to Understand	Objectives are Measurable and Time-bound	Outcome Indicator Exists for Each Objective
<b>Fisheries Program:</b>		<b>Mission:</b> The mission of the Fisheries program is to ensure that living aquatic resources are sustainable for present and future generations of Louisiana citizens by providing access and scientific management.			
<b>Objective:</b> Through the Habitat Stewardship and Resource Management activity, to be an effective, efficient steward of our renewable aquatic resources and remain a national leader in seafood production and provide quality recreational fishing opportunities for citizens as well as the economic benefits accruing to the state from our lakes, bays, marshes and rivers.		Yes	Yes	Yes, measurable. No, time-bound.	N/A
1	Number of finfish species for which a fisheries management plan is produced (LAPAS CODE – 23799)	Yes	Yes	N/A	Yes
2	Number of shellfish species for which a fisheries management plan is produced (LAPAS CODE – 23800)	Yes	Yes		
3	Percentage of recreational fishers surveyed regarding resource management efforts (LAPAS CODE – 23801)	Yes	Yes		
4	Percentage of commercial fishers surveyed regarding resource management efforts (LAPAS CODE – 23802)	Yes	Yes		
5	Percentage of water bodies stocked with Florida largemouth bass where the Florida gene is present in at least 15% of the bass population (LAPAS CODE – 23803)	Yes	Yes		
6	Number of Louisiana's major coastal bay systems with sampling teams collecting fisheries data (LAPAS CODE – 15228)	Yes	Yes		

Performance Information		Aligned	Easy to Understand	Objectives are Measurable and Time-bound	Outcome Indicator Exists for Each Objective
7	Number of fishery independent data collection stations sampled (LAPAS CODE – 21363)	Yes	Yes	N/A	Yes
8	Number of saltwater recreational creel interviews/samples taken (LAPAS CODE – 21364)	Yes	Yes		
9	Number of management plans written/updated (LAPAS CODE – 13290)	Yes	Yes		
10	Number of barrels of seed oysters available on the public grounds (LAPAS CODE – 15231)	Yes	Yes		
11	Number of areas available for harvest of sack oysters on public seed grounds (LAPAS CODE – 15229)	Yes	Yes		
12	Number of barrels of seed oysters harvested by oyster fishers from the public grounds (LAPAS CODE – 15232)	Yes	Yes		
13	Number of sacks of oysters harvested from the public grounds (LAPAS CODE – 13291)	Yes	Yes		
14	Number of oyster reefs sampled to monitor health of reef habitat (LAPAS CODE – 21369)	Yes	Yes		
15	Number of spills investigated (LAPAS CODE – 13293)	Yes	Yes		
16	Number of spills requiring restoration (LAPAS CODE – 13294)	Yes	Yes		
17	Percent of seismic projects in the state monitored for compliance with Department of Wildlife and Fisheries rules (LAPAS CODE – 21370)	Yes	Yes		
18	Number of major fish kills (LAPAS CODE – 7089)	Yes	Yes		
19	Number of fish requested for stocking from within and without the Department (LAPAS CODE – 15236)	Yes	Yes		

Performance Information		Aligned	Easy to Understand	Objectives are Measurable and Time-bound	Outcome Indicator Exists for Each Objective
20	Number of fish stocked (LAPAS CODE – 15237)	Yes	Yes	N/A	Yes
<p><b>Objective:</b> Through the Access, Opportunity and Outreach activity, to increase and enhance access and opportunity to the beneficiaries of the state's natural resources. Also, through outreach efforts we will advise beneficiaries on stewardship best practices in preserving the unique nature of the state's natural resources.</p>		Yes	Yes	Yes, measurable. No, time-bound.	N/A
21	Percentage of state water bodies over 500 acres without significant aquatic vegetation problems (LAPAS CODE – 23216)	Yes	Yes	N/A	Yes
22	Number of public boating or fishing access sites enhanced, created and promoted (LAPAS CODE – 23804)	Yes	Yes		
23	Number of artificial reef projects enhanced, created and promoted (LAPAS CODE – 23805)	Yes	Yes		
24	Number of citizens exposed to outreach programs (LAPAS CODE – 23806)	Yes	Yes		
25	Number of outreach events and activities conducted or attended (LAPAS CODE – 23807)	Yes	Yes		
26	Number of oyster lease applications received (LAPAS CODE – 15234)	Yes	Yes		
27	Number of oyster lease surveys conducted (LAPAS CODE – 15235)	Yes	Yes		
28	Number of lessees adversely affected by lack of timeliness in issuing leases (LAPAS CODE – 15233)	Yes	Yes		
29	Percentage of leases with no legal challenges (LAPAS CODE – 15230)	Yes	Yes		

Performance Information		Aligned	Easy to Understand	Objectives are Measurable and Time-bound	Outcome Indicator Exists for Each Objective
30	Number of abandoned crab trap cleanup areas (LAPAS CODE – 21371)	Yes	Yes	N/A	Yes
31	Number of platforms added to the Louisiana Artificial Reef Program (LAPAS CODE – 21372)	Yes	Yes		
32	Number of acres treated to control undesirable aquatic vegetation (LAPAS CODE – 4090)	Yes	Yes		
33	Number of acres of nuisance by undesirable aquatic vegetation (LAPAS CODE – 4091)	Yes	Yes		
34	Number of new or improved boating access facilities (LAPAS CODE – 15238)	Yes	Yes		
35	Number of requests for assistance in constructing boating access facilities (LAPAS CODE – 15239)	Yes	Yes		
<b>Objective:</b> Through the Environment and Habitat Disaster Recovery activity, to maintain Louisiana's abundant fishery resources and their commercial and recreational opportunities by seeking and effectively and efficiently implementing federally-funded programs to aid the recreational and commercial fishing industries in recovery from natural and man-made disasters.		Yes	Yes	Yes, measurable. No, time-bound.	N/A
36	Percentage of eligible recipients sent application information for fisheries disaster recovery assistance within 30 days of receipt of funding (LAPAS CODE – 23808)	Yes	Yes	N/A	Yes
37	Number of days to produce a preliminary assessment of resource and habitat damages as a result of a catastrophic event (LAPAS CODE – 23809)	Yes	Yes		
38	Number of days to provide a written plan for resource and habitat recovery (LAPAS CODE – 23810)	Yes	Yes		

Performance Information		Aligned	Easy to Understand	Objectives are Measurable and Time-bound	Outcome Indicator Exists for Each Objective
<b>Objective:</b> Through the Administrative activity, to provide oversight, strategic guidance, interagency collaboration, executive management and administrative support for all of the activities of the Fisheries program.		Yes	Yes	Yes, measurable. <b>No</b> , time-bound.	N/A
39	Percent of all Office of Fisheries outcome and key indicators met or exceeded (LAPAS CODE – 23811)	Yes	Yes	N/A	Yes
<b>Enforcement Program:</b>		<b>Mission:</b> The mission of the Enforcement program is to establish and maintain compliance through the execution and enforcement of laws, rules and regulations of the state relative to the management, conservation and protection of renewable natural wildlife and fisheries resources and relative to providing public safety on the state's waterways and lands for the continued use and enjoyment by current and future generations.			
<b>Objective:</b> Through the Wildlife, Fisheries and Ecosystem Enforcement activity, to enhance compliance by monitoring persons engaged in the use of Louisiana's natural resources by increasing the number of public contacts made by wildlife enforcement agents.		Yes	Yes	Yes, measurable. <b>No</b> , time-bound.	N/A
1	Public contacts associated with wildlife, fisheries and ecosystem patrols, investigations, education and community policing/outreach (LAPAS CODE – 23183)	Yes	Yes	N/A	Yes
2	Hours worked associated with wildlife, fisheries and ecosystem patrols, investigations, education and community policing outreach (LAPAS CODE – 23184)	Yes	Yes		
3	Observed compliance - wildlife, fisheries and ecosystem (LAPAS CODE – 24423)	Yes	Yes		
4	Observed compliance - recreational fishing (LAPAS CODE – 23185)	Yes	Yes		

Performance Information		Aligned	Easy to Understand	Objectives are Measurable and Time-bound	Outcome Indicator Exists for Each Objective
5	Observed compliance - commercial fishing/excluding oysters (LAPAS CODE – 23186)	Yes	Yes	N/A	Yes
6	Observed compliance - oyster fishing (LAPAS CODE – 23187)	Yes	Yes		
7	Observed compliance - hunting/wildlife (LAPAS CODE – 23188)	Yes	Yes		
8	Observed compliance - commercial fishing (LAPAS CODE – 23789)	Yes	Yes		
<b>Objective:</b> Through the Boating Safety and Waterway Enforcement activity, to enhance public safety on the state's waterways by monitoring persons who utilize the waters by increasing the number of public contacts made by wildlife enforcement agents.		Yes	Yes	Yes, measurable. No, time-bound.	N/A
9	Public contacts associated with boating safety patrols, investigations, education and community policing outreach (LAPAS CODE – 23189)	Yes	Yes	N/A	Yes
10	Hours worked associated with boating safety patrols, investigations education and community policing outreach efforts (LAPAS CODE – 23190)	Yes	Yes		
11	Observed compliance - boating safety and waterway enforcement; percent of boating public observed to be in compliance with the state's boating safety and waterways regulations (LAPAS CODE – 23191)	Yes	Yes		
12	Number of boating accidents (LAPAS CODE – 13241)	Yes	Yes		
13	Number of boating accidents with alcohol or drugs involved (LAPAS CODE – 21267)	Yes	Yes		
14	Number of students completing boat safety courses (LAPAS CODE – 7062)	Yes	Yes		

Performance Information		Aligned	Easy to Understand	Objectives are Measurable and Time-bound	Outcome Indicator Exists for Each Objective
15	Number of boating crashes per 100,000 registered boats (LAPAS CODE – 24424)	Yes	Yes	N/A	Yes
16	Number of boating fatalities per 100,000 vessels (LAPAS CODE – 24425)	Yes	Yes		
17	Authorized enforcement agent positions (LAPAS CODE – 21268)	Yes	Yes		
18	Number of registered boats (LAPAS CODE – 13243)	Yes	Yes		
<b>Objective:</b> Through the Search and Rescue and Maritime Security activity, to provide search and rescue, maritime security and public safety services through proactive and reactive law enforcement man-hours.		Yes	Yes	Yes, measurable. No, time-bound.	N/A
19	Hours worked associated with search and rescue, maritime and homeland security and other emergency support activities (LAPAS CODE – 23192)	Yes	Yes	N/A	Yes
20	Percent of search and rescue missions conducted safely (LAPAS CODE – 23193)	Yes	Yes		
21	Percent of search and rescue missions conducted successfully (LAPAS CODE – 23194)	Yes	Yes		
<b>Source:</b> Prepared by legislative auditor's staff using results from LaPAS.					

## APPENDIX D: FISHERIES PROGRAM PERFORMANCE DATA - RELIABILITY RESULTS

### Fourth Quarter Fiscal Year 2011

Fisheries Program: Objectives and Key Outcome Performance Indicators	Amount in LaPAS	Our Calculation	Variance	Assessment	Explanation	
<p><b>Objective:</b> Through the Habitat Stewardship and Resource Management activity, to be an effective, efficient steward of our renewable aquatic resources and remain a national leader in seafood production and provide quality recreational fishing opportunities for citizens as well as the economic benefits accruing to the state from our lakes, bays, marshes and rivers.</p>						
1	Percentage of recreational fishers surveyed regarding resource management efforts (LAPAS CODE – 23801)	1.00%	0.36%	-63.97%	Unreliable	LDWF included surveys that were sent in FY 2012 instead of FY 2011. Additionally, the population of recreational fishermen with licenses included duplicates and excluded some license categories.
2	Percentage of commercial fishers surveyed regarding resource management efforts (LAPAS CODE – 23802)	0.00%	0.00%	None	Reliable	N/A – We determined there was no variance between Fisheries’ calculation and our calculation.
3	Percentage of water bodies stocked with Florida largemouth bass where the Florida gene is present in at least 15% of the bass population (LAPAS CODE – 23803)	94.00%	94.44%	0.47%	Reliable with Qualifications	LDWF included incorrect or outdated genetic data in the calculation. Additionally, the indicator is somewhat misleading since it uses data from many different years dating as far back as 2000.

Fisheries Program: Objectives and Key Outcome Performance Indicators	Amount in LaPAS	Our Calculation	Variance	Assessment	Explanation	
<b>Objective:</b> Through the Access, Opportunity and Outreach activity, to increase and enhance access and opportunity to the beneficiaries of the state's natural resources. Also, through outreach efforts we will advise beneficiaries on stewardship best practices in preserving the unique nature of the state's natural resources.						
4	Percentage of state water bodies over 500 acres without significant aquatic vegetation problems (LAPAS CODE – 23216)	64.00%	N/A	N/A	Reliability Undetermined	LDWF did not have supporting documentation. Additionally, LDWF did not have written, formalized guidelines for what constitutes a significant aquatic plant issue.
5	Number of public boating or fishing access sites enhanced, created and promoted (LAPAS CODE – 23804)	9	5	-44.44%	Unreliable	LDWF miscalculated the total number of projects and included projects that were completed in FY 2009 and 2010 instead of FY 2011.
6	Number of artificial reef projects enhanced, created and promoted (LAPAS CODE – 23805)	17	18	5.88%	Unreliable	LDWF included one reef that should have been counted as two in the calculation.
7	Percentage of leases with no legal challenges (LAPAS CODE – 15230)	100.00%	99.99%	-0.01%	Reliable with Qualifications	LDWF excluded an oyster lease legal challenge in the calculation.

Fisheries Program: Objectives and Key Outcome Performance Indicators		Amount in LaPAS	Our Calculation	Variance	Assessment	Explanation
<p><b>Objective:</b> Through the Environment and Habitat Disaster Recovery activity, to maintain Louisiana's abundant fishery resources and their commercial and recreational opportunities by seeking and effectively and efficiently implementing federally-funded programs to aid the recreational and commercial fishing industries in recovery from natural and man-made disasters.</p>						
8	Percentage of eligible recipients sent application information for fisheries disaster recovery assistance within 30 days of receipt of funding (LAPAS CODE – 23808)	0.00%	0.00%	None	Reliable	N/A – We determined there was no variance between Fisheries’ calculation and our calculation.
<p><b>Objective:</b> Through the Administrative activity, to provide oversight, strategic guidance, interagency collaboration, executive management and administrative support for all of the activities of the Fisheries program.</p>						
9	Percent of all Office of Fisheries outcome and key indicators met or exceeded (LAPAS CODE – 23811)	70.00%	70.00%	None	Reliable	N/A – We determined there was no variance between Fisheries’ calculation and our calculation.
<p><b>Source:</b> Prepared by legislative auditor’s staff using analysis results.</p>						