

Chapter 2

FY 2005 Performance Results



NOAA GPRA Performance Results

NOAA's mission goals in ecosystems, climate, weather & water, and commerce & transportation are matrixed, from a funding and organizational perspective, to maximize our support of Departmental performance goal to observe, protect, and manage the Earth's resources to promote environmental stewardship. NOAA currently has 29 Government Performance & Results Act (GPRA) measures. In FY 2005, NOAA performed well on its GPRA-mandated Performance Measures, almost achieving or exceeding 27 of 29 targets, improving on four of the 29 targets over 2004. NOAA achieved green status on 83% of the targets, a 10% improvement over last year. We expect even better performance on our GPRA measures this year. The funding requested in this Budget is essential to improving our scorecard results, and we are employing new and modified measures in FY 2006 and FY 2007 to better represent and assess NOAA's performance in achieving our mission.

NOAA GPRA successes include the number of habitat acres restored, reductions in the Nation's uncertainty in the magnitude of carbon uptake, and hurricane forecast track error. In addition, accomplishments also consist of reductions to the hydrographic survey backlog within navigationally significant areas, and a reduction to the number of major fish stocks with an "unknown" stock status [see Performance Summary, next page].

NOAA's GPRA goals are focused on the results of key programs and services, support decision-making and congressional oversight, and are designed to measure and improve the performance of NOAA in meeting its mission. GPRA is unique in its requirement that agency "results" be integrated into the budgetary decision-making process. NOAA is constantly striving to improve our measures – adding or modifying several measures for FY 2007 – for the betterment of our service to the American public.

For more information on NOAA's FY 2005 performance, please refer to the Department of Commerce FY 2005 Performance and Accountability Report (PAR), found here: <http://www.osec.doc.gov/bmi/budget/FY05PAR.htm>.

NOAA Performance Summary for FY 2005

Goal	GPRA Measure	FY 2005 Target	FY 2005 Actual	Goal Met
Ecosystems	Number of Overfished Major Stocks of Fish	40	42	
	Number of Major Stocks with an "Unknown" Stock Status	81	73	
	Percentage of Plans to Rebuild Overfished Major Stocks to Sustainable Levels	98%	96%	
	Number of Habitat Acres Restored (Annual/Cumulative)	4,500/ 21,083	8,333/ 24,916	
	Number of Commercial Fisheries Which Have Insignificant Marine Mammal Mortality	8	3	
	Increase in Number of Endangered Species with Reduced Risk of Extinction	7	5	
	Increase in Number of Threatened Species with Reduced Risk of Extinction	6	8	
Climate	U.S. Seasonal Temperature Forecasts (cumulative skill score computed over the regions where predictions are made)	18	19	
	Reduce the Uncertainty in the Magnitude of the North American (NA) Carbon Uptake	Reduce uncertainty to +/- .48 Gt. Carbon /Year	Reduced uncertainty to +/- 0.4 Gt. Carbon / Year	
	Assess and Model Carbon Sources Globally (Submit quality-controlled Atlantic Ocean carbon datasets from the CO2/CLIVAR hydrographic cruises to national data centers)	Submit datasets to national data centers	Datasets submitted	
	Determine the National Explained Variance (%) for Temperature and Precipitation for the Contiguous United States	Temp: 96.7% Precip: 90%	Temp: 96.9% Precip: 91.4%	 
	New Climate Observations Introduced	1,014	1,133	

Key to Color Coding:		
 Met	 Slightly Below Target	 Not Met

NOAA Performance Summary for FY 2005

Goal	GPRA Measure	FY 2005 Target	FY 2005 Actual	Goal Met
Weather & Water	Lead Time (Minutes), Accuracy (%), and False Alarm Rate (FAR) (%) for Severe Weather Warnings Tornadoes	Lead: 13	13	
		Acc: 73%	75%	
		FAR: 73%	77%	
	Lead Time (Min) and Accuracy (%) for Severe Weather Warnings for Flash Floods	Lead: 48	54	
		Acc: 89%	88%	
	Hurricane Forecast Track Error, 48 Hour (Nautical Miles)	128	99	
Accuracy (%) (Threat Score) of Day 1 Precipitation Forecasts	27	29		
Lead Time (Hours) and Accuracy (%) for Winter Storm Warnings	Lead: 15	17		
	Acc: 90%	91%		
Cumulative Percentage of U.S. Shoreline and Inland Areas that Have Improved Ability to Reduce Coastal Hazard Impacts	28%	28%		
Commerce & Transportation	Percentage of National Spatial Reference System Completed (cumulative %)	89%	89.7%	
	Reduce the Hydrographic Survey Backlog Within Navigationally Significant Areas (square nautical miles surveyed per year)	2,700	3,079	
	Accuracy (%) and False Alarm Rate (FAR) (%) of Forecasts of Ceiling and Visibility (3miles/1000 ft.) in Aviation Forecasts	Acc: 46%	46%	
		FAR: 68%	63%	
Accuracy (%) of Forecast for Wind Speed and Wave Height in Marine Forecasts	Winds: 57%	57%		
	Waves: 67%	67%		

Key to Color Coding:		
 Met	 Slightly Below Target	 Not Met