

Chapter 2

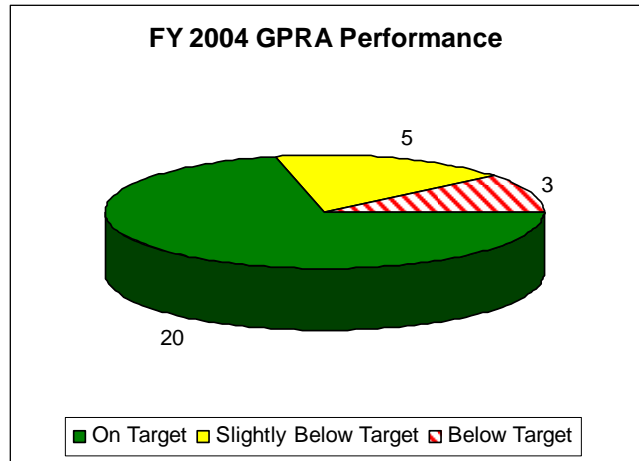
FY 2004 Performance Measure Results



NOAA GPRA Performance

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 goals, such as advancing, understanding, and predicting changes in the Earth’s environment to meet America’s economic, social, and environmental needs. NOAA currently has 28 Government Performance & Results Act (GPRA) measures. NOAA performed very well on the majority of our measures in FY 2004, “getting to green” on over 70% (see chart at right). We expect a superior level of performance on our GPRA measures this year. The funding requested in this Budget is essential to improving our scorecard results, as we employ new and modified measures in FY 05 and FY 06 to better represent and assess NOAA’s performance in achieving our mission.

In FY 2004 NOAA performed well on its GPRA-mandated Performance Measures, meeting or exceeding 20 of 28. NOAA GPRA successes include reductions in overfished major stocks of fish, the Nation’s uncertainty in the magnitude of carbon uptake, and hurricane forecast track error. In addition, accomplishments consist of improvements in the number of acres restored and the false alarm rate for aviation forecasts [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 2006 – for the betterment of our service to the American public.

For more information on NOAA’s FY 2004 performance, please refer to the Department of Commerce FY 2004 Performance and Accountability Report (PAR), found here: <http://www.osec.doc.gov/bmi/budget/FY04PAR.htm>

NOAA Performance Summary for FY 2004

Goal	GPRA Measure	FY 2004 Target	FY 2004 Actual	Goal Met?
Ecosystems	Number of Overfished Major Stocks of Fish	43	43	Yes
	Number of Major Stocks with an "Unknown" Stock Status	92	85	Yes
	Percentage of Plans to Rebuild Overfished Major Stocks to Sustainable Levels	90%	90%	Yes
	Number of Habitat Acres Restored (Annual/Cumulative)	3,760/14,780	5,562/16,582	Yes
	Number of Commercial Fisheries Which Have Insignificant Marine Mammal Mortality	8	3	No
	Increase in Number of Endangered Species with Reduced Risk of Extinction	6	5	No
	Increase in Number of Threatened Species with Reduced Risk of Extinction	5	7	Yes
Climate	U.S. Seasonal Temperature Forecasts (cumulative skill score computed over the regions where predictions are made)	21	17	No
	Assess and Model Carbon Sources Throughout the United States	+/- 0.7 Gt. Carbon per Year	+/- 0.5 Gt. Carbon per Year	Yes
	Assess and Model Carbon Sources Globally (Develop Carbon-Climate Scenarios for Input to Assessments)	Develop Scenarios	Activities Completed	Yes
	Determine the Annual Explained Variance (%) for Temperature and Precipitation for the Contiguous United States	Temp: 80% Precip: 55%	96% 90%	Yes
	New Climate Observations Introduced	275	529	Yes
Weather & Water	Lead Time (Minutes), Accuracy (%), and False Alarm Rate (FAR, %) for Severe Weather Warnings Tornadoes	Lead: 12 Acc: 72% FAR: 70%	12 75% 75%	Yes Yes No
	Lead Time (Min) and Accuracy (%) for Severe Weather Warnings for Flash Floods	Lead: 50 Acc: 88%	47 89%	No Yes
	Hurricane Forecast Track Error, 48 Hour (Nautical Miles)	129	94	Yes
	Accuracy (%) (Threat Score) of Day 1 Precipitation Forecasts	25	29	Yes
	Lead Time (Hours) and Accuracy (%) for Winter Storm Warnings	Lead: 14 Acc: 89%	15 91%	Yes Yes
	Cumulative Percentage of U.S. Shoreline and Inland Areas that Have Improved Ability to Reduce Coastal Hazard Impacts	17%	17%	Yes
Commerce & Trans.	Percentage of National Spatial Reference System Completed (cumulative %)	87%	88.2%	Yes
	Reduce the Hydrographic Survey Backlog Within Navigationally Significant Areas (square nautical miles surveyed per year)	2,290	2,070	No
	Accuracy (%) and False Alarm Rate (FAR) (%) of Forecasts of Ceiling and Visibility (3miles/1000 ft.) in Aviation Forecasts	Acc: 46% FAR: 70%	45% 65%	No Yes
	Accuracy (%) of Forecast for Wind Speed and Wave Height in Marine Forecasts	Winds: 57% Waves: 69%	57% 67%	Yes No

FY 2004 Actuals for fish-related ecosystem measures will be available May 31, 2005; projections are included here. For detailed explanation of Performance Measures, please see FY 2004 PAR.