

PAR: FY 2007 External Efficiency Measures

Goal 1:										
Program	Measure	FY04 Target	FY04 Actual	FY05 Target	FY05 Actual	FY06 Target	FY06 Actual	FY07 Target	FY07 Actual	Units
Indoor Air Program	Total Cost (public and private) per future premature cancer death prevented through lowered radon exposure.					450,000	Data Avail 2008	N/A	N/A	Dollars
Baseline - The baseline for this measure is \$495,000 in 2003.										
Explanation - Due to reporting cycles, data will not be available until 2008.										
Indoor Air Program	Annual cost to EPA per person with asthma taking all essential actions to reduce exposure to indoor environmental asthma triggers.					8.38	Data Avail 2008	N/A	N/A	Dollars
Baseline - The baseline for this measure is \$25.10 in 2003.										
Explanation - Due to reporting cycles, data will not be available until 2008.										
Indoor Air Program	Average cost to EPA per student per year in a school that is implementing an Indoor Air Quality plan.					2	Data Avail 2008	N/A	N/A	Dollars
Baseline - The baseline for this measure is \$6.10 in 2003.										
Explanation - Due to reporting cycles, data will not be available until 2008.										
Climate Change	Tons of greenhouse gas emissions (mmtce) prevented per societal dollar in the transportation sector.					0.15	0.19	N/A	N/A	Dollars
Baseline - The baseline for this measure is \$0.15 in 2006.										

Climate Change	Tons of greenhouse gas emissions (mmtce) prevented per societal dollar in the industry sector.							3.1	Data Avail 2008	N/A	N/A	Dollars
Baseline - The baseline for this measure is \$3.1 in 2006.												
Explanation - Due to reporting cycles, data will not be available until 2008.												
Climate Change	Tons of greenhouse gas emissions (mmtce) prevented per societal dollar in the building sector.							0.7	Data Avail 2008	N/A	N/A	Dollars
Baseline - The baseline for this measure is \$.70 in 2006.												
Explanation - Due to reporting cycles, data will not be available until 2008.												

Goal 2:										
Program	Measure	FY04 Target	FY04 Actual	FY05 Target	FY05 Actual	FY06 Target	FY06 Actual	FY07 Target	FY07 Actual	Units
Surface Water Protection	Loading (pounds) of pollutants removed per program dollar expended.	N/A	122	180	180	233	233	285	310	# Pounds
Baseline - The baseline for this measure is 122 loading of pollutants removed per dollar expended in 2004.										
Water Pollution Control (Sec. 106)	Cost per water segment restored.	N/A	1,544,998	Baseline	828,654	1,358,351	576,618	636,744	512,735	Dollars
Baseline - The baseline for this measure is \$701,495 in 2005.										
Water Quality Research	Peer-reviewed publications over FTE.							0.8	Data Avail 2008	Publications
Baseline - In 2004, the program began measuring its number of peer reviewed publications per full-time employee and achieved a ratio of 0.76. This measure contributes to EPA's goal of supporting the protection of human health through the reduction of human exposure to contaminants in fish, shellfish, and recreational waters, and to support the protection of aquatic ecosystems.										
Explanation - Due to the program's two year appropriations, data for this measure will not be available until 2008.										

Goal 3:

Program	Measure	FY04 Target	FY04 Actual	FY05 Target	FY05 Actual	FY06 Target	FY06 Actual	FY07 Target	FY07 Actual	Units
Land Protection and Restoration Research	Average time (in days) for technical support centers to process and respond to requests for technical document review, statistical analysis and evaluation of characterization and treatability study plans.					32.5	31	30.5	Data Avail 2008	Days
Baseline -In 2005, the program began tracking the average number of days its technical support centers take to process and respond to requests for technical document review, statistical analysis, and the evaluation of characterization and treatability study plans for tech plans. The average amount of time to process and respond was 35.3 days in 2005. This measure contributes to EPA's goal of providing scientifically sound guidance and policy decisions related to the use of land protection and restoration.										
Explanation - Data for this measure will be available in July 2008. The technical support centers compile and calculate their processing time at the end of the calendar year.										
RCRA Corrective Action	Percent increase of final remedy components constructed at RCRA corrective action facilities per federal, state, and private sector.							3	6.2	Percent
Baseline -In FY 2006, there were .665 final remedy components constructed per million dollars.										
RCRA Base, Permits, and Grants	Facilities under control (permitted) per total permitting cost.							2	3.36	Percent
Baseline -In FY 2006, there were 3.1 facilities under control (permitted) per million dollars of permitting cost.										
Superfund Removal	Superfund-lead removal actions completed annually per million dollars.			2.1	1.54	0.91	1.02	0.92	1.04	Removals
Baseline -In FY 2004, there were .87 removal actions annually per million dollars.										
Superfund Remedial Action	Human exposures under control per million dollars.							6.1	6.9	Thousand
Baseline -In FY 2006, there were 6.1 human exposures under control per million dollars and in FY 2005, there were 5.7.										

Goal 4:

Program	Measure	FY04 Target	FY04 Actual	FY05 Target	FY05 Actual	FY06 Target	FY06 Actual	FY07 Target	FY07 Actual	Units
Human Health Risk Assessment	Average cost to produce Air Quality Criteria/Science assessment documents.					-	7,252	5,386	5,533	Average Cost (\$)
Baseline - When the program began producing Air Quality Criteria/Science Assessment documents in FY 2004, the average cost to produce these assessment documents was \$13,989K. This measure contributes to EPA's goal of providing scientifically sound guidance and policy decisions related to the health of people, communities, and ecosystems.										
Explanation - The average annual cost was significantly lower than 2006, but marginally (2.7%) above the ambitious target for 2007.										
Protect Human Health from Pesticide Risk	Percent reduction in review time for registration of conventional pesticides.			7	7	8	34	9	5	% Reduction in Review Time
Baseline -The original baseline was pre-PRIA and it was based on the FY 2002 turnaround time of 44 months. The reporting is based on the reduction from the prior year.										
Explanation -The actions completed in 2007 were inherently more complicated than those worked on in prior years so less improvement in review time was realized.										
Human Health Research	Average time (in days) to process research grant proposals from RFA closure to submittal to EPA's GAD, while maintaining a credible and efficient competitive merit review system.					307	277	292	254	Average Days
Baseline -In 2003, the program began tracking its average grants processing time and developed a baseline of 405 days. This measure contributes to EPA's goal of providing scientifically sound guidance and policy decisions related to human health.										
Chesapeake Bay	Total nitrogen reduction practices implementation achieved as a result of agricultural best management practices implementation per million dollars to implement agricultural Best Management Practices.					49,113	45,928	47,031	Data Avail Late 2007	Pounds per million \$
Baseline - The baseline for this measure is 43,289 pounds per million dollars.										

Explanation - End-of-Year data will not be available until November 30, 2007. Based on the mid-year data which is 45,928 the measure is not on track to meet the end-of-year target.											
Pesticide Field Programs	Average cost and average time to produce or update an Endangered Species Bulletin.								10	0	% Reduction
Baseline -In 2004, the average cost per Endangered Species Bulletin produced or updated was \$4,000 and 100 hours.											
Explanation -No Bulletins were issued for FY2007 due to external factors outside EPA's control.											
Pesticide Reregistration	Cumulative percent of Reregistration Eligibility Decisions Completed.	81.7	77.6	81.4	82	93.5	91	97	95.4	Cumulative % Completed	
Baseline - The baseline for REDs is completion of 612 REDs by 2008.											
Explanation - The target was not met for 2 reasons: (1) Due to strong public interest in the soil fumigants, the public comment period was extended until November 2007, thus EPA was unable to complete these REDs; (2) EPA missed the target for this APG in FY 2006 by more than 2%. The 2007 target was not adjusted to compensate for this. We anticipate completing the soil fumigant REDs in FY 2008, thus meeting our overall target of completing all REDs by 2008.											
Pesticide Reregistration				7	75	10	62	40	40	% Reduction	
Baseline - Reregistration decision time baseline is 30 months in 2002.											
Chemical Risk Review and Reduction	Percent increase from baseline year in cost savings due to new chemical prescreening.					6.67	15.1	6.7	-42	% Increase from Baseline	
Baseline - Baseline for the percent change from prior year in cost savings due to new chemical pre-screening is \$51,000 (6.7%) in FY 2004-2005.											
Explanation - The cost savings target was not achieved because the rate at which PMN submissions were pre-screened by submitters decreased to 8.7% from 17% in FY 2006. These pre-screening rates drive cost savings for this measure. Pre-screening rates declined in part due to slower than expected start up of actions by the industry association that had agreed to assume responsibility for providing training and technical assistance to industry in the use of EPA's chemical risk screening tools.											
Chemical Risk Review and Reduction	Percent reduction from prior year in total EPA cost per chemical for which proposed AEGL value sets are developed.							34,160 (2)	12.6	Cost Savings (Percent)	

Baseline - A total EPA cost of \$35,191 per chemical in 2006.

Explanation - This measure has exceeded its target through increased program efficiency in reviewing and presenting chemicals prior to and at international meetings and early FY 2007 action on chemicals delayed from action in FY 2006 while issues associated with the use of human testing data were resolved Agency-wide.

Lead Program	Annual percentage of lead-based paint certification and refund applications that require less than 20 days of EPA effort to process.	Baseline	77	N/A	89	N/A	90	90	92	Percent Certif/Refund
Baseline - Baseline for percentage of lead-based paint certification and refund applications that require less than 40 days of EPA effort to process is 54% in 2004.										
Ocean, Coastal, and Estuary Protection	Program dollars per acre of habitat protected or restored.			515	533	510	401	505	482	Dollars/acre
Baseline - 2005 Baseline: 449,242 acres of habitat protected or restored; cumulative from 2002.										

Goal 5:

Program	Measure	FY04 Target	FY04 Actual	FY05 Target	FY05 Actual	FY06 Target	FY06 Actual	FY07 Target	FY07 Actual	Units
Tribal General Assistance Program	Number of environmental programs implemented in Indian Country per million dollars.			11.1	12.3	13.7	12.4	12.5	14.1	Programs
Baseline - There are 572 tribal entities that are eligible for GAP program funding. These entities are the ones for which environmental assessments of their lands will be conducted.										
EPA's Recycling, Waste Minimization, and Waste Management	Number of pounds (in millions) of priority list chemicals removed from or reduced in waste streams per cost to perform such actions.							1.5	Data Avail 2008	Percent
Baseline - In FY 2006, 0.41 lbs. of priority list chemicals were removed per dollar to perform such actions.										
Explanation - Final cost figures for FY07 expected to be available by the end of December 2007.										