

Maryland Department of the Environment

MISSION

To protect and restore the environment for the health and well-being of all Marylanders.

VISION

Healthy, vibrant and sustainable communities and ecosystems in Maryland.

KEY GOALS, OBJECTIVES, AND PERFORMANCE MEASURES

Goal 1. Provide excellent customer service and community outreach.

- Obj. 1.1** Respond to 75 percent of Public Information Act (PIA) requests within 30 days of receipt.
- Obj. 1.2** Meet permit turnaround times for 90 percent of the permits processed.
- Obj. 1.3** Respond to environmental emergencies to reduce risk to public health and the environment.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Act.	2018 Est.	2019 Est.
Percent of PIA responses issued within 30 days	65%	80%	85%	73%	88%	90%	95%
Percentage of permits processed within applicable standard time	82.1%	90.6%	92.1%	95.3%	96.0%	90.0%	90.0%
Number of environmental emergencies responded to	571	537	492	441	473	502	515

Goal 2. Manage air quality and emissions for maximum protection of human health and the environment.

- Obj. 2.1** Achieve attainment with the eight-hour ozone and PM2.5 standards in the Baltimore and Washington metropolitan areas and Cecil County.
- Obj. 2.2** Reduce greenhouse gas (GHG) emissions.
- Obj. 2.3** Reduce emissions of criteria pollutants from power plants.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Est.	2018 Est.	2019 Est.
Number of exceedances of the eight-hour ozone standard	9	5	8	26	23	20	19
Amount of GHG (in million tons per year) emitted from power plants	20.0	22.0	18.6	18.4	18.2	17.8	17.6
Amount of criteria pollutants (in thousand tons per year) emitted from power plants	42	45	39	31	30	29	28

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Goal 3. Reduce Maryland citizens' exposure to hazards.

- Obj. 3.1** Improve the initial significant compliance rate at radiation machine facilities to at least 80 percent.
- Obj. 3.2** Reduce the freshwater fish tissue concentrations of mercury in all sampled areas to 0.30 mg per kg or less.
- Obj. 3.3** Ensure that Maryland shellfish are harvested from waters that are clean enough to meet National Shellfish Sanitation Program requirements.
- Obj. 3.4** Reduce the number of elevated blood lead levels found.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Act.	2018 Est.	2019 Est.
Percent of inspected radiation machines in initial compliance	77%	80%	82%	81%	89%	89%	90%
¹ Five-year median fish tissue concentrations of mercury	0.26	0.27	0.27	0.26	0.26	0.26	0.26
² Percent of required shellfish waters sampling achieved	79%	80%	82%	81%	81%	81%	81%
² Number of children tested for elevated blood lead	110,082	109,031	110,217	118,619	123,000	124,200	126,000
² Reported exceedances of elevated blood lead standard	371	355	377	355	250	200	180

Goal 4. Protect water resources and ensure safe and adequate supplies of drinking water.

- Obj. 4.1** Achieve 60 percent of Maryland's Chesapeake Bay nitrogen and phosphorus reduction goals by 2017, and 100 percent by 2025 (45.48 million lbs. nitrogen target by 2017 and 41.17 million lbs. by 2025; 3.01 million lbs. phosphorus target by 2017 and 2.81 million lbs. by 2025.)
- Obj. 4.2** Reduce the volume of sewage overflows by an amount equal to a 50 percent reduction of the three-year average amount (2002, 2003, 2004: 521,761,000 gallons).
- Obj. 4.3** Ensure that of the Maryland population served by public community water systems, at least 97 percent are served by systems that are in compliance with all drinking water regulations for which the department has received EPA's delegated authority approval (primacy).
- Obj. 4.4** Complete all federally-required Total Maximum Daily Load (TMDL) analyses to address 303d impaired waters listings.
- Obj. 4.5** Maintain 80 percent significant compliance with groundwater standards for all active municipal solid waste landfills each year.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Act.	2018 Est.	2019 Est.
² Annual Maryland nitrogen load to Bay (million lbs)	47.57	49.81	48.09	47.47	45.48	44.94	44.40
² Annual Maryland phosphorus load to Bay (million lbs)	2.99	2.92	2.80	2.80	2.80	2.80	2.80
Percent change in gallons of actual sewage overflow during the most recent consecutive three-year average compared to the FY2002-2004 three-year average amount of 521,761,000	-15%	-40%	-48%	-61%	-67%	-57%	-46%
Of the Maryland population served by public community water systems, percent served by systems that are in compliance with all drinking water regulations for which the department has primacy	98%	96%	90%	98%	99%	98%	98%
Percent of total required listings addressed from the schedule of 2016-2022 TMDL priority waters	N/A	N/A	N/A	5%	6%	29%	44%
Percentage of municipal solid waste landfills in significant compliance with groundwater standards	91%	85%	90%	90%	90%	90%	90%

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Goal 5. Support and track sustainable materials management and waste reduction.

Obj. 5.1 Reduce the quantity of waste disposed, per person, per year.

Obj. 5.2 Increase diversion of organic materials from disposal by increasing the number of permitted composting facilities and increasing the quantity of organic materials recycled annually.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Est.	2018 Est.	2019 Est.
Statewide Maryland Recycling Act (MRA) recycling rate	44.48%	43.51%	44.05%	42.91%	44.07%	44.52%	44.96%
MRA waste disposed, per capita (tons)	N/A	N/A	N/A	0.66	0.62	0.62	0.61
Number of permitted composting facilities	N/A	N/A	N/A	12	18	20	21
Quantity of organic materials recycled (tons)	N/A	N/A	N/A	975,822	990,829	1,003,876	1,017,015

NOTES

¹ Data for 2016 and 2017 is estimated.

² Data for 2017 is estimated.