

DHMH - Laboratories Administration

MISSION

To promote, protect and preserve the health and well-being of the people in Maryland from the consequences of communicable diseases, treatable genetic disorders, environmental factors, and from unsafe food, drugs, and consumer products by promoting and enforcing standards of quality in cooperation with both public and private agencies at the local, State, and federal levels. This mission shall be accomplished with maximum public benefit at a minimum cost to the people in Maryland.

VISION

We envision a future in which all citizens of Maryland are protected from infectious diseases, environmental hazards, hereditary disorders, and substandard consumer products through surveillance, enforcement of standards, assessment and leadership skills provided by the State Public Health Laboratory System.

KEY GOALS, OBJECTIVES, AND PERFORMANCE MEASURES

Goal 1. Adopt cutting edge scientific technology to improve the quality and reliability of public health laboratory practice for prevention of disease and promotion of health.

Obj. 1.1 Annually maintain the number of new tests developed or validated and implemented to detect and characterize emerging and reemerging infectious diseases, bioterrorism, anti-microbial and anti-viral drug resistance agents in clinical specimens, and chemical, radiological, microbiological contaminants in environmental matrices.

Performance Measures	2011 Act.	2012 Act.	2013 Act.	2014 Act.	2015 Act.	2016 Est.	2017 Est.
Number of genetic amplification techniques	28	28	28	28	30	32	34
Types of microbes identified by pulse field gel electrophoresis (PFGE)	9	9	9	9	10	11	12

Goal 2. Maintain Newborn Screening to screen for hereditary disorders to prevent intellectual disability, other defects, and death in all babies born in Maryland.

Obj. 2.1 During fiscal year 2016 maintain the number of hereditary disorders screened in newborns to 55.

Obj. 2.2 During fiscal year 2016 maintain turnaround time for test results for newborn screenings within 3 business days.

Performance Measures	2011 Act.	2012 Act.	2013 Act.	2014 Act.	2015 Act.	2016 Est.	2017 Est.
Number of hereditary disorders tested for in newborn babies	53	53	53	53	53	54	54
Number of tests	9,459,740	9,405,442	8,168,025	8,116,635	8,359,910	8,375,000	8,375,000
Turnaround time for test results (days)	4	3	3	3	3	3	3

Goal 3. Promote quality and reliability of laboratory test results to support public health, environmental, and BT/CT programs.

Obj. 3.1 Annually maintain accuracy of 90 percent or greater for proficiency testing of infectious bacterial disease, viral disease, newborn screening for hereditary disorders, environmental, and bleeding time/clotting time (BT/CT) based on nationally standardized testing programs.

Performance Measures	2011 Act.	2012 Act.	2013 Act.	2014 Act.	2015 Act.	2016 Est.	2017 Est.
Percent accuracy of environmental testing in proficiency testing	97%	96%	98%	95%	96%	95%	95%