

MARYLAND DEPARTMENT OF HEALTH

**PREVENTION AND HEALTH PROMOTION
ADMINISTRATION**

FISCAL 2019 BUDGET OVERVIEW

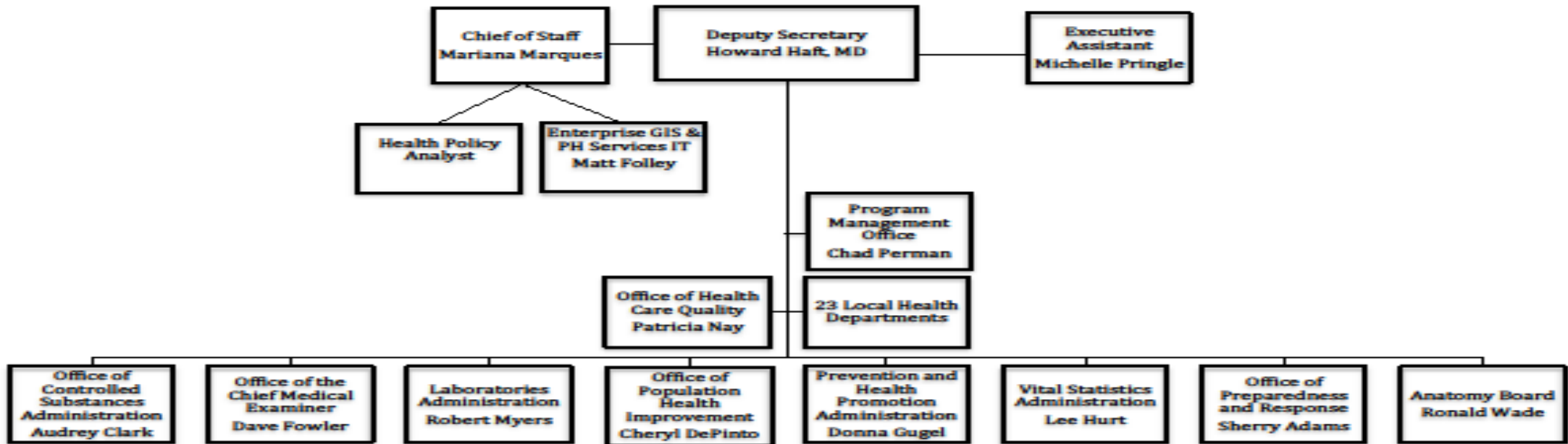
Robert R. Neall, Secretary

Howard Haft, MD, MM, CPE, FACPE, Deputy Secretary

February 16 and 19, 2018

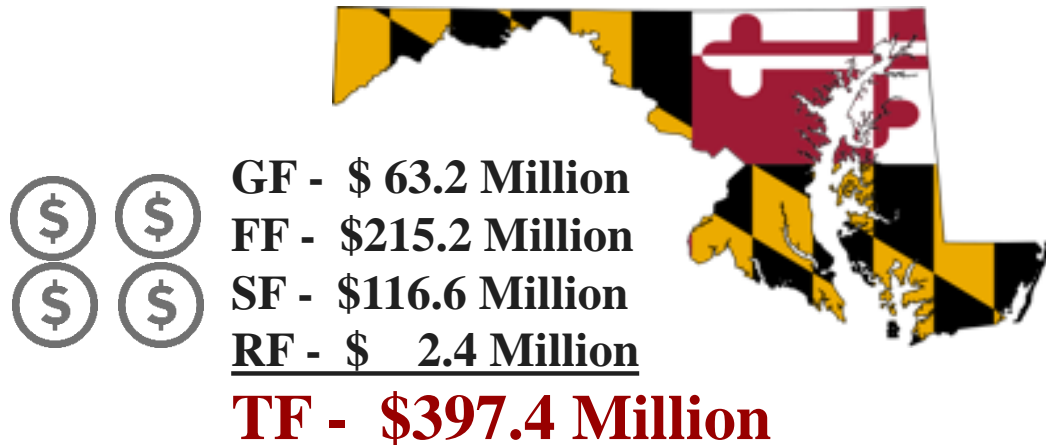
Public Health Services

Organizational Chart



Summary

Providing a public health infrastructure and **safety net for all Marylanders**



431 employees

403 PIN

28 Contractual

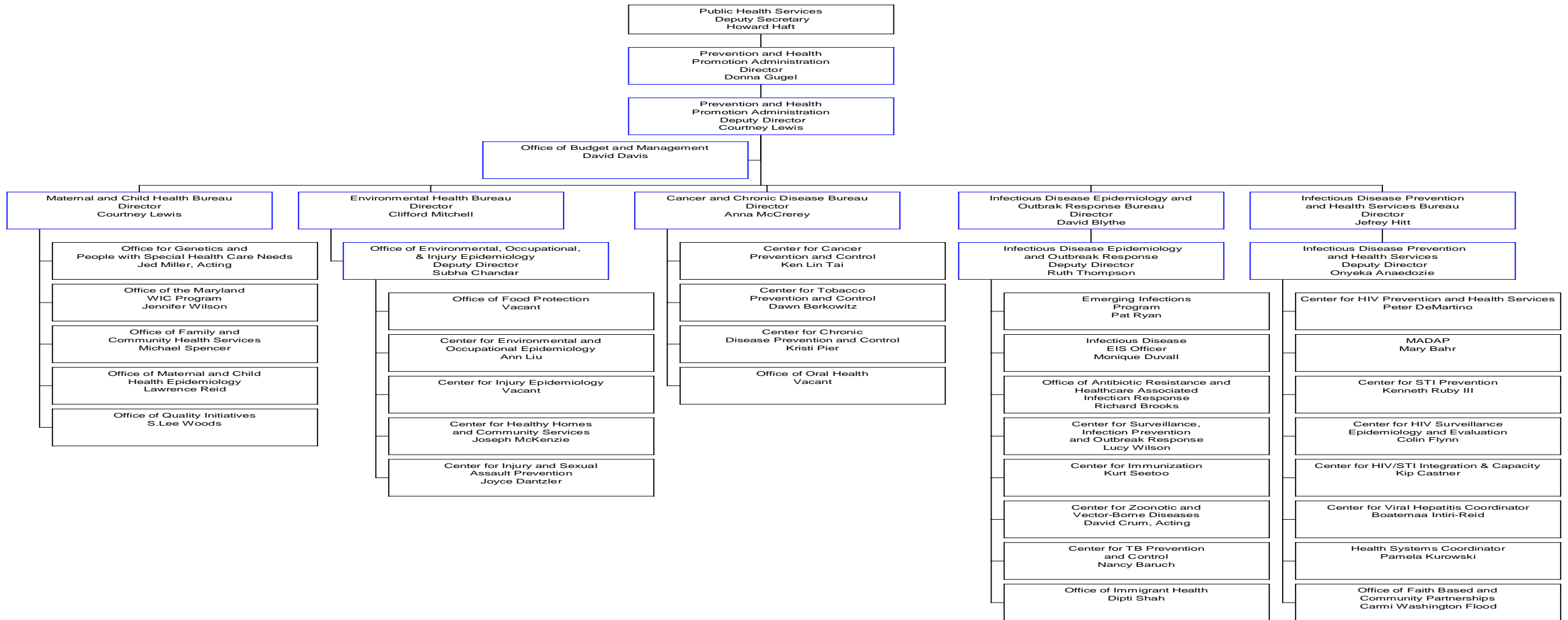


Oversees

- Cancer and Chronic Disease Bureau
- Environmental Health Bureau
- Infectious Disease Epidemiology and Outbreak Response Bureau
- Infectious Disease Prevention and Health Services Bureau
- Maternal and Child Health Bureau

Prevention and Health Promotion Administration

Organizational Chart



Prevention and Health Promotion Administration

Environmental Health Bureau

Overview

The Environmental Health Bureau ensures Marylanders have safe food, air, and water; safe places to live, work, and play; and safe ways of getting from place to place

Food Protection

- Licensing and inspection of 1,375 food manufacturers and 578 dairy facilities, which includes 396 dairy farms in Maryland
- Conducted plan reviews of 473 food processing operations
- Also conducted 106 inspections and 145 equipment tests for the FDA/Maryland State Grade A Milk Cooperative Program, enabling Maryland dairies to ship milk and milk products interstate

Overview

Healthy Homes and Communities and Injury Prevention

- Conducted 1,240 inspections and certified 816 youth camps; conducted 171 pool plan reviews
- Violence and Injury Prevention, Sexual Assault and Rape Prevention
 - In FY17, over 78,000 primary and secondary school students and almost 60,000 college students received sexual assault prevention education
 - More than 28,000 individuals across the state attended some MDH-funded professional training, educational seminar, or awareness event on sexual assault prevention

Overview

Healthy Homes and Communities and Injury Prevention (*continued*)

- Kids in Safety Seats (KISS)
 - In FY17, we conducted over 100 car seat check-up events and 1,511 car or booster seat inspections and distributed or loaned 817 car seats or special needs seats via Car Seat Assistance Programs or Special Needs Loaner Program
- Lead Testing Initiative
 - Reported a 12 percent statewide increase in blood lead testing rates for one- and two-year-old children in the first eight months (April-December, 2016) of new regulations and outreach

Overview

Epidemiology

- Maryland Violent Death Reporting System integration with Enhanced State Opioid Overdose Surveillance System to improve opiate overdose epidemiology and prevention programs

Prevention and Health Promotion Administration

**Infectious Disease Prevention
and Health Services Bureau**

Overview

The Infectious Disease Prevention and Health Services Bureau reduces and prevents the transmission of infectious diseases while helping those impacted live longer, healthier lives

HIV Prevention and Health Services

- Expanded range of services for persons at risk for HIV (testing, outreach, and education) and persons living with HIV (housing support, dental services, mental health, and substance abuse services)
- In 2016, there were 1,118 diagnoses of HIV, the lowest number since 1986

Overview

HIV Prevention and Health Services *(continued)*

- Established pre-exposure prophylaxis clinics and navigation programs for persons at very high risk for HIV in local health department STD clinics: Allegany, Baltimore County, Calvert, Charles, Dorchester, Harford, Howard (CY2019), Montgomery (CY2019), Washington, and Wicomico counties

Maryland AIDS Drug Assistance Program

- In FY17, served 7,080 individuals
- Simplified recertification process
- Added diabetic supplies as well as other pharmaceuticals to MADAP formulary

Overview

Sexually Transmitted Infection Prevention

- Initiated enhanced gonorrhea response projects in Anne Arundel, Baltimore, Montgomery, Prince George's, and St. Mary's counties due to an increase in diagnoses
- Secured additional funding from Centers for Disease Control and Prevention (CDC) and initiated enhanced efforts to reduce congenital syphilis, particularly in Baltimore City
- Supported Baltimore City to bring the two city sexual health clinics back to full-time operation

Overview

Syringe Services Programs (SSP)

- Continued supporting the Standing Advisory Committee and coordinated closely with the Opioid Operational Command Center
- Additional funding for Baltimore City SSP expansion
- Baltimore County has an approved application and funding; staff are hired and the program will be starting soon
- The Prevention and Health Promotion Agency has funded SSP planning and community development grants to Anne Arundel, Cecil, Frederick, Howard, Prince George's, St. Mary's (to also cover Calvert and Charles), and Washington counties

Overview

HIV Surveillance

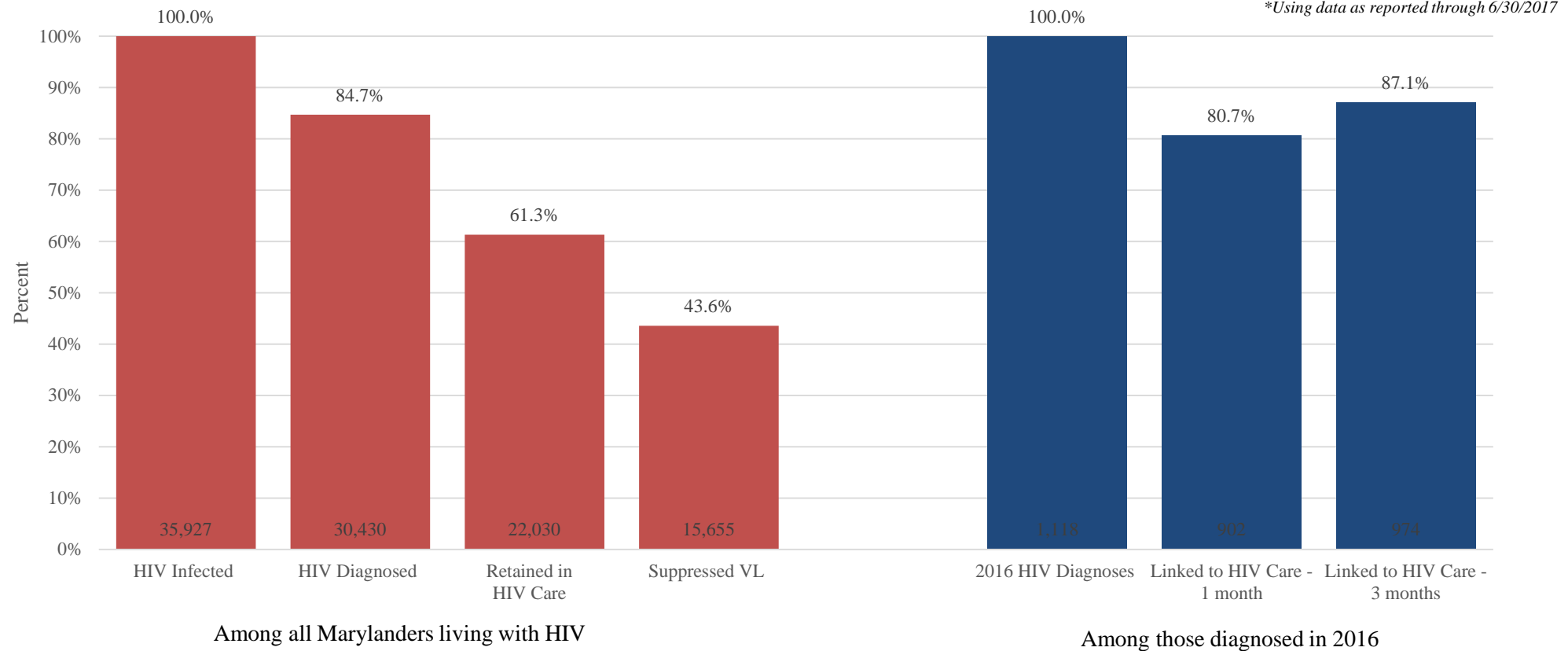
- Markedly enhanced the use of surveillance data for linkage-to-care and re-engagement in care services and to monitor viral suppression and other continuum of care benchmarks
- Expanded the use of geo-spatial cluster analysis and HIV DNA sequencing data for early identification and response to injection drug use-associated and other clusters of HIV

Adult Viral Hepatitis Prevention

- Training primary care providers, providing system supports, and collaborating with Medicaid to integrate Hepatitis C testing and cure into primary medical care

2016 Continuum of Care

Prevalence-Based Estimated Percentage of HIV Infected Adults Engaged in Care*



Overview

Surveillance, Infection Prevention, and Outbreak Response

- Responded to 399 infectious disease outbreaks in 2017, including *Legionella*, influenza, norovirus and an international salmonellosis outbreak associated with contaminated papayas
- Processed over 100,000 communicable disease reports, mostly automatic electronic laboratory reports
- Performed onsite assessments of infection control competency in 83 nursing homes and outpatient dialysis centers and provided performance improvement guidance and education

Overview

Childhood, Adolescent, and Adult Immunizations

- Had 99.6 percent of children in kindergarten vaccinated against pertussis (DTaP)—highest rate in the U.S. for the 2nd consecutive year
- Co-sponsored with the CDC a six-part adult immunization webinar series addressing key issues related to protecting adults from vaccine preventable diseases
- Implemented a new mandate requiring all Vaccines For Children (VFC) program providers to report doses administered to the Maryland immunization registry, ImmuNet; 95 percent of VFC providers are already in compliance

Overview

Zoonotic and Vectorborne Infections

- Led the Maryland Department of Health (MDH) response to the 2017 H3N2 variant influenza outbreak associated with swine exhibits at three Maryland county fairs
- Continued efforts to prevent human and animal rabies in Maryland through the development of new resources to assist providers with management of human rabies preventive treatment and the operation of local health department-sponsored public animal vaccination clinics
- Continued Zika prevention and response efforts

Overview

Tuberculosis Control and Prevention

- Partnered with private providers, hospitals, Federally-Qualified Health Centers (FQHCs), colleges and universities, and local health departments, to manage more than 200 increasingly complex tuberculosis (TB) cases, including MDR/XDR TB
- Worked with local health departments to follow-up on approximately 2,533 contacts of infectious cases and when appropriate, treat those additional persons with TB infection

Overview

Immigrant and Global Health

- Provided health assessments and linkage to care to approximately 2,500 newly arrived humanitarian immigrants from countries such as Afghanistan, Syria, Ethiopia, Eritrea, and El Salvador
- Responded to international outbreak alerts related to malaria, measles, and chickenpox
- Educated newly-arrived humanitarian immigrants on issues such as navigation of the healthcare system, medication safety, and nutrition

Overview

Antibiotic Resistance and Healthcare-Associated Infection Response

- Established office to address important antibiotic-resistant organisms in Maryland
- Responded to the first two cases of drug-resistant *Candida auris* in Maryland
- Conducted 11 colonization screening investigations of rare but easily transmitted antibiotic-resistant organisms known as carbapenem-resistant Enterobacteriaceae (CRE) in collaboration with the Laboratories Administration and local health departments

Emerging Infections

- Continued to respond to reports of high consequence infections like possible Ebola and MERS
- Established statewide *C difficile* infection surveillance

Top 15 Reportable Diseases

Rank	Disease	Rate*	Rank	Disease	Rate*
1	Chlamydia	509.6	9	Syphilis, Primary & Secondary	8.5
2	Gonorrhea	158.3	10	Strep pneumoniae, Invasive disease	7.5
3	Lyme disease	30.9	11	Meningitis, Aseptic	6.3
4	HIV Infection* Adults/Adolescent (Age 13+, per CDC convention)	22.6	12	Strep Group A, Invasive disease	4.2
5	Salmonellosis	14.9	13	Giardiasis	3.9
6	Campylobacteriosis	13.6	14	Tuberculosis	3.7
7	Mycobacteriosis (non-TB/ Leprosy)	13.1	15	Malaria	3.0
8	Strep Group B, Invasive disease	11.1		(*per 100,000 population)	

Data Sources: Maryland's NEDSS, eHARS, and STD MIS databases

Success Story

Outbreak Detection and Response

- International outbreak of Salmonella infections associated with contaminated papayas
- Link first confirmed by MDH epidemiology, lab and food control (in concert with LHDs)
- Led to MDH consumer advisory and later to an international recall
- “Maryland out in front”

Food Safety News

Breaking news for everyone's consumption

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One dead, 46 sick in Salmonella outbreak traced to papayas

BY CORAL BEACH | JULY 21, 2017

Federal officials have joined Maryland's Health Department in a warning against eating yellow Maradol papayas because of Salmonella contamination, reporting one person has died and at least 46 others are sick in an ongoing outbreak that began in mid-May.

Additional victims are likely to be added to the case count because people who became ill after June 23 might not be reported yet because of the lag time between when a person becomes ill and when the illness is recorded by public health officials, according to the Centers for Disease Control and Prevention.

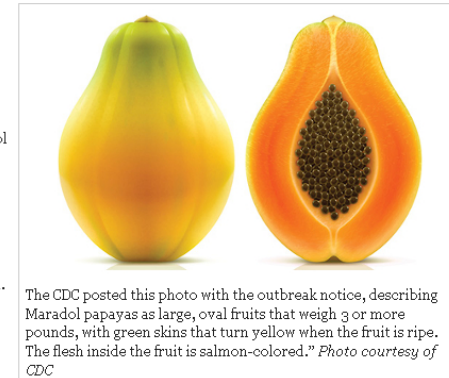
As of 8 p.m. Eastern time Friday no recalls had been posted by the Food and Drug Administration, but the agency is working with the CDC and state officials to investigate the source of the contamination.

The Friday afternoon outbreak investigation announcement from the CDC came on the heels of a Wednesday warning from public health officials in Maryland.

The state's warning specified Caribeña-brand yellow Maradol papayas, but the CDC did not reference brands.

Maryland out in front

Maryland officials began looking at papayas after several people infected by Salmonella bacteria reported eating



The CDC posted this photo with the outbreak notice, describing Maradol papayas as large, oval fruits that weigh 3 or more pounds, with green skins that turn yellow when the fruit is ripe. The flesh inside the fruit is salmon-colored." Photo courtesy of CDC

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GOVERNMENT NEWSWIRE

FDA	CDC	USDA	CFIA
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- Death Wish Coffee Co. Announces Recall of Nitro Cold Brew Cans From Retailers, Online Sales
- Natural Grocers Issues Recall on Organic Deglet Dates Due to Mislabeled and Undeclared Allergens
- Cherry Valley Marketplace Issues Allergy Alert on Undeclared Milk Allergens in "Cherry Valley Vanilla Cupcakes" and "Cherry Valley Chocolate Cupcakes"
- Bravo Produce Inc. Retira

Prevention and Health Promotion Administration

Maternal and Child Health Bureau

FY17 Accomplishments

The Maternal and Child Health Bureau provides a diverse array of public health service programs that cover the life span

Maryland Family Planning Program

- 116,940 family planning and reproductive health visits for 73,675 clients of whom 82 percent are low-income and/or uninsured—served through a network of over 78 clinic sites statewide

Clinical Specialty Services

- Contributed towards clinical services for 6,458 children and adolescents including visits and genetic counseling in genetic centers, complex care centers, and in pediatric hematology and hemophilia programs

FY17 Accomplishments

Infant Follow-Up Services

- 5,583 newborns identified in the newborn bloodspot screening program, infant hearing program, sickle cell program, critical congenital heart disease screening, and birth defects program received follow up services including some linkage to care

Maryland WIC Program

- Each month over 130,000 pregnant, postpartum, and breastfeeding women and children up to age five receive nutrition services through a network of 85 sites statewide

FY17 Accomplishments

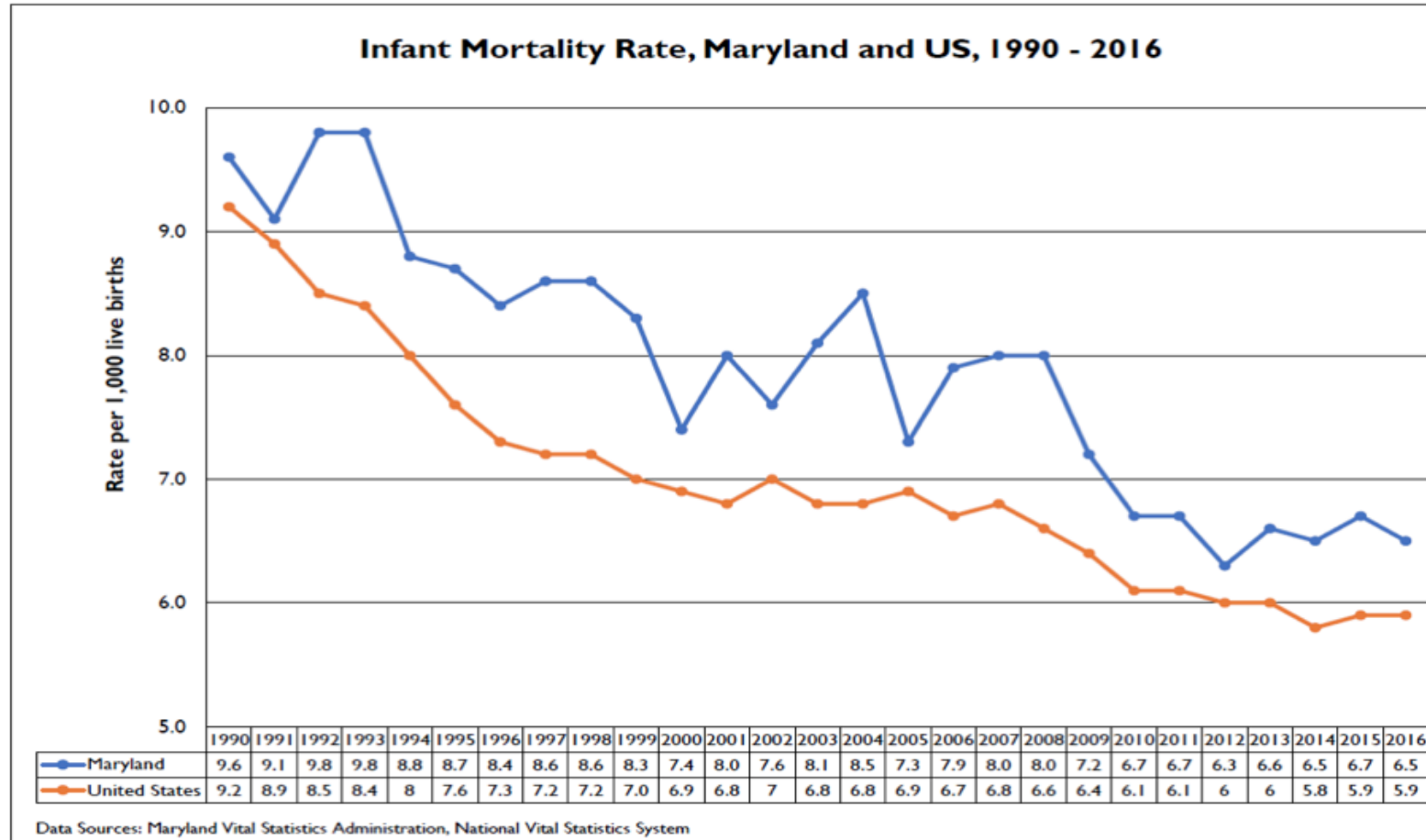
Fetal and Infant Mortality Review (FIMR) Quality Improvement Project

The Problem: Inconsistent/incomplete access to required data; no State level team, program, or standards; no annual analysis and report; and no regular or annual FIMR team meetings

Improvement: FIMR QI Advisory Committee met monthly over a six-month period to plan and implement the following improvements in the FIMR process:

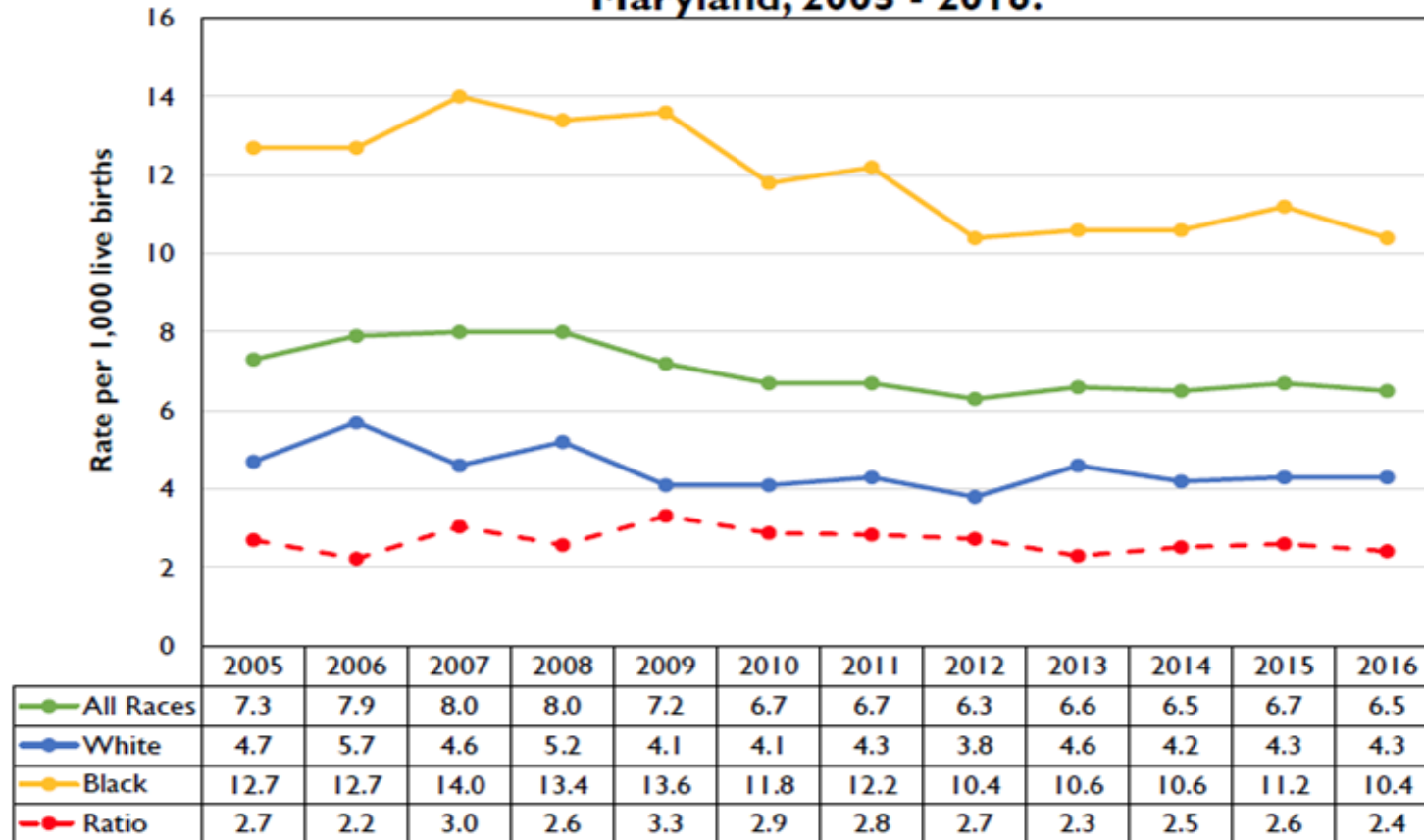
- Training for local FIMR teams
- Provide updated data analyses from MCHB to inform local FIMR team case selection and review process
- FIMR Annual meeting and annual report
- Liaison with VSA, CRISP, and hospitals to address data access and quality issues
- Share evidence-based and best practices
- FIMR listserv and shared drive

Infant Mortality Rate



Infant Mortality Disparity

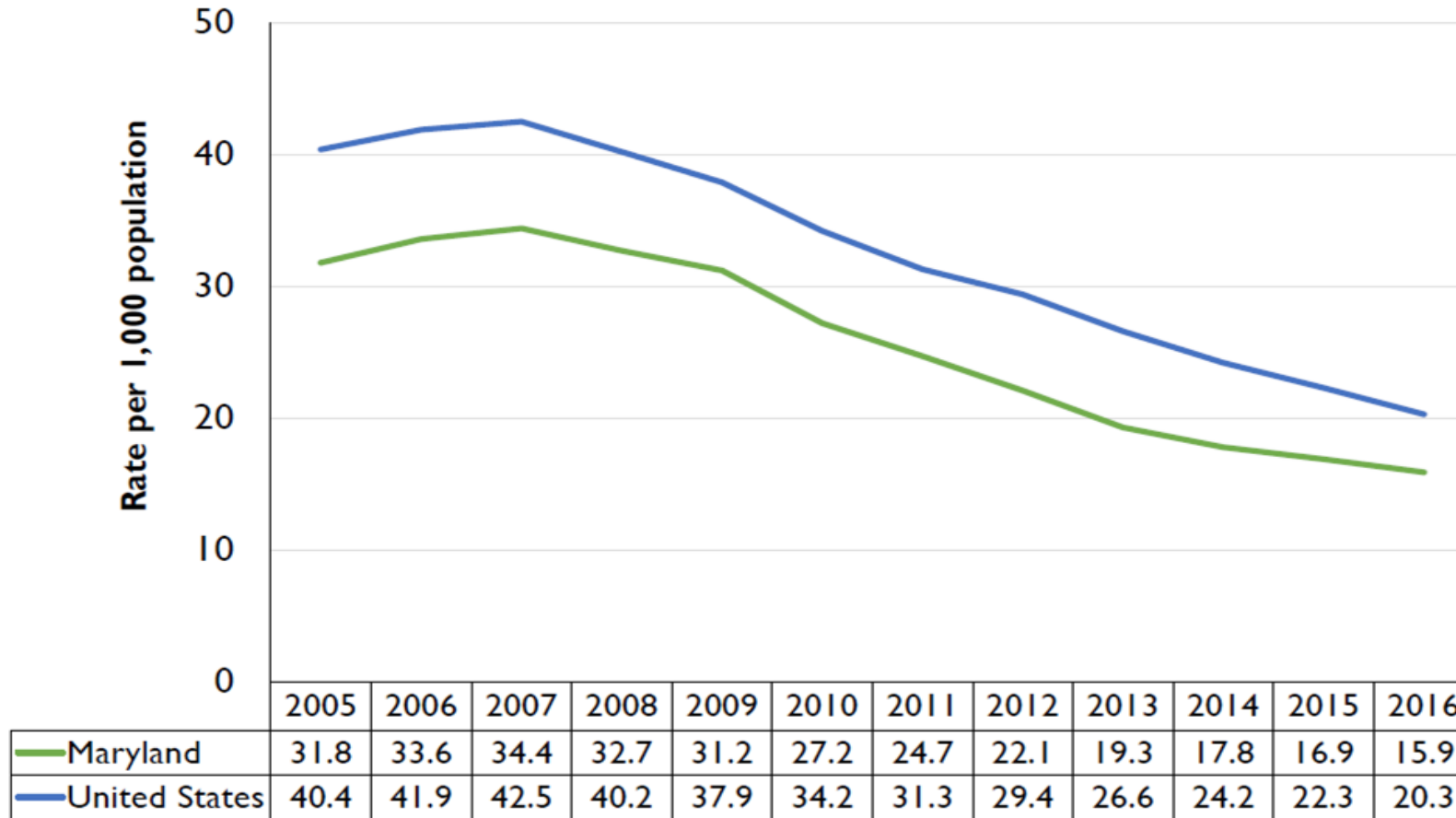
Infant Mortality Rates by Race and Black to White Ratio, Maryland, 2005 - 2016.



Data Sources: Maryland Vital Statistics and National Vital Statistics System.

Teen Births

Teen (15-19) Birth Rates, Maryland and US, 2005-2016.



Data Sources: Maryland Vital Statistics and National Vital Statistics System

Prevention and Health Promotion Administration

Cancer and Chronic Disease Bureau

Overview

The Cancer and Chronic Disease Bureau works with communities, clinical providers, health care systems, and insurers to improve health outcomes

Cancer Prevention and Control

- Maryland's Breast and Cervical Program celebrated its 25th anniversary in 2017, having provided more than 469,500 cancer screening examinations and follow-up procedures over the life of the project
- During FY17, the Breast and Cervical Cancer Diagnosis and Treatment Program served 1,224 clients
- During FY17, the Cigarette Restitution Fund supported 2,706 cancer screening tests

Overview

Cancer Prevention and Control *(continued)*

- Maryland's cancer mortality rate has improved from being among the five highest in the nation (1989-1993), to the 31st highest for the most recent data time period (2010-2014)
- Thanks to sustained and comprehensive efforts, Maryland's cancer incidence rate has dropped 11 percent since 2012 (from 495.8 cases per 100,000 in 2012 to 442 cases per 100,000 in 2014)

Overview

Improving Oral Health

- In FY17, the Bureau supported dental sealant applications throughout 11 jurisdictions for 4,526 children, which represented an increase of 1,000 children from the prior year in which 3,542 children were served
- The Maryland's Mouths Matter Fluoride Varnish and Oral Health Screening Program for Kids, which began in July 2009 hit the 200,000 mark this fiscal year—having now provided over 203,000 fluoride varnish applications to Medicaid children ages nine to 36 months
 - Through the WIC Oral Health Initiative, 424 children received fluoride varnish applications at WIC centers on the Eastern Shore during this fiscal year

Overview

Improving Oral Health *(continued)*

- In FY17, funding from federal grants was used to ensure that a high percentage of Marylanders continue to have access to optimally fluoridated water. Currently, 94 percent of the population on public water supply receives fluoridated water

Tobacco Use Prevention and Control

- Over 25,000 residents called the Maryland Tobacco Quitline in FY17
- Approximately 130,000 K-12 students received tobacco prevention education training in FY17

Overview

Tobacco Use Prevention and Control *(continued)*

- Local health departments conducted 6,500 enforcement checks of licensed tobacco retailers in FY17, maintaining Maryland's compliance with federal performance thresholds keeping tobacco products out of the hands of youth

Chronic Disease Prevention and Control

- Maryland is one of only two states that receives the Medicaid Diabetes Prevention Program Reimbursement Grant. During this past calendar year 519 Medicaid recipients enrolled in this new program

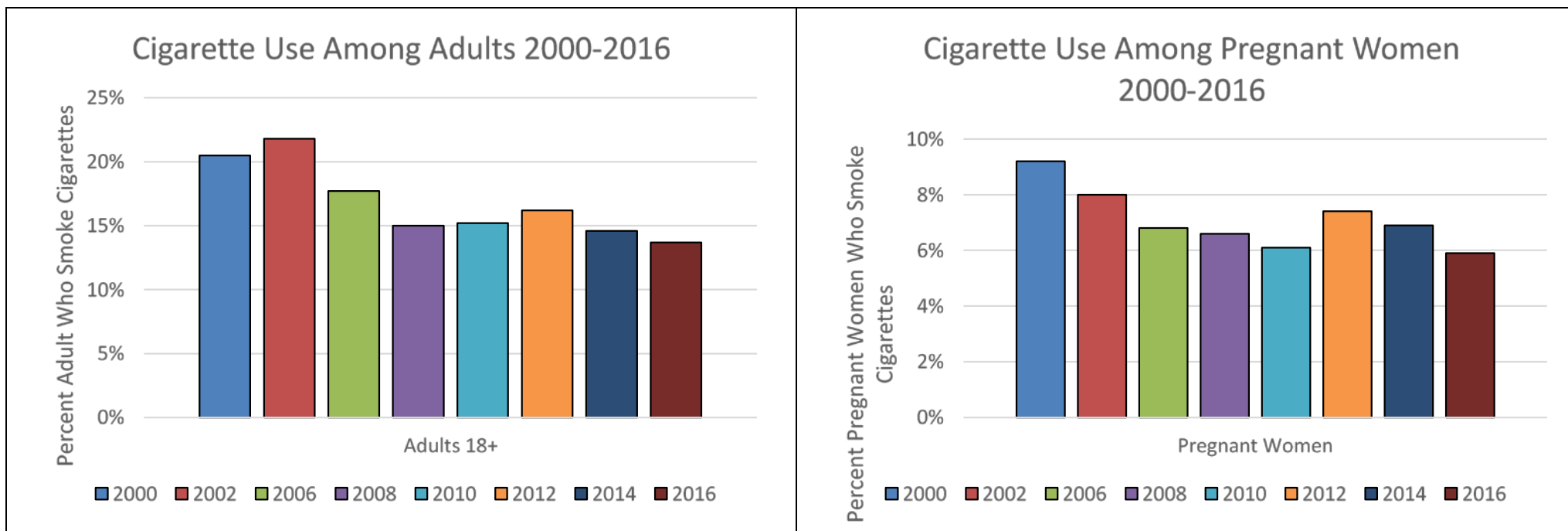
Overview

Chronic Disease Prevention and Control (*continued*)

- Added 15 Diabetes Prevention Programs (DPP) in FY17, bringing the total of DPPs across the state to 64
 - Since 2012, over 2,400 Marylanders have participated in a DPP with an average weight loss of 4.4 percent
- Led the third annual Walk Maryland Day, that included eight state agency partners. The event successfully engaged thousands of walkers at schools, workplaces, and communities in all of Maryland's 24 jurisdictions

Tobacco Product Use

Trends among adults and pregnant women, 2000-2016



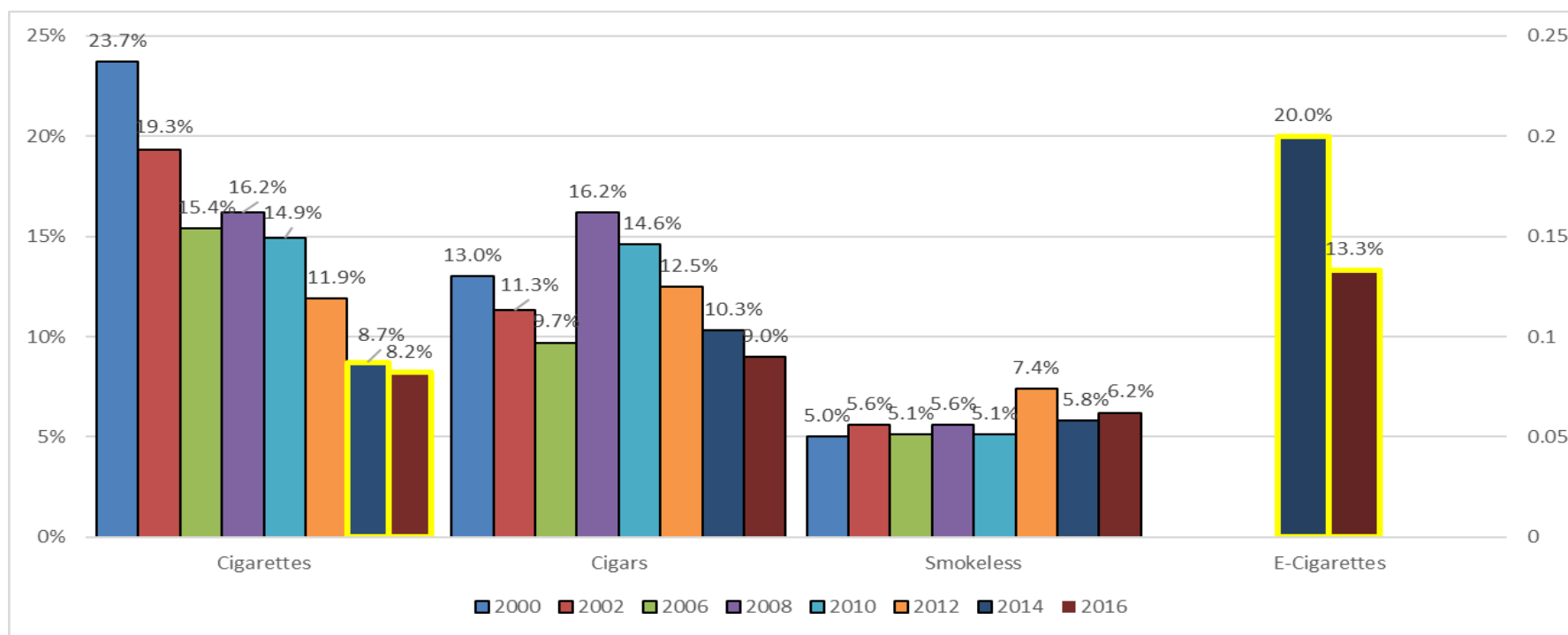
Adult data: Maryland Risk Behavior Surveillance System (BRFSS) Survey- BRFSS Data is only comparable from 2000-2010 and 2011-2016; data cannot be compared across grouped years

* Adults used e-cigarettes at 3.2 percent for both 2014 and 2016

Pregnant women data: DHMH Vital Statistics Administration

Tobacco Product Use

Trends among high school students, 2000-2016



Youth data 2000-2016: Maryland Youth Tobacco Survey (YTRBS); 2016 data not yet published

Success Stories

Center for Tobacco Prevention and Control's partners received national recognition

- Sheppard Pratt was one of three agencies that received a "Recognition of Wellness" award from the SAMHSA Program to Achieve Wellness for tobacco dependence treatment for over 2,500 patients
- Quitline integration in Epi computer system at Johns Hopkins Medicine and University of Maryland Medical System with 1,500 referrals

Success Stories

Chronic Disease Prevention and Control and Office of Oral Health “Collaboration Project”

- The project introduced hypertension screening at dental facilities across 12 jurisdictions. Participating providers completed 7,500 screenings and made 500 referrals, including one life-saving success story in Baltimore City where a patient credits the intervention for saving his life as he was in the midst of (previously undiagnosed) heart failure

Lead Testing

- Saw a 12 percent increase in children 1-2 years old compared to past five years

Prevention and Health Promotion Administration

phpa.health.maryland.gov

**The Maryland Department of Health's
Responses to the DLS FY 2019 PHPA Budget Analysis
February 16, 2018 (Senate) and February 19, 2018 (House)**

DLS recommends concurring with the Governor's Allowance. (pg. 5, 23)

The Department concurs and appreciates the General Assembly's support.