

*Presentation to the  
Harford County Council and  
Board of Health*



**Public Health**  
Prevent. Promote. Protect.

**Harford County  
Health Department**

Susan Kelly, Health Officer

October 18, 2016



# *Welcome to Our New Locations: Thanks for Your Support*

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**Care Coordination** - officially opened their doors in Swan Creek Village Center on September 9, 2016, and provides the following services:

- Medicaid
- Maryland Children's Health Program (MCHP)
- Administrative Care Coordination (ACCU)
- Community First Choice (CFC)

Their new address is:  
2015 D / E Pulaski Highway.  
Havre de Grace, Maryland. 21078  
Phone: 410-942-7999



# *Welcome to Our New Locations: Thanks for Your Support*

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## **Women, Infants, and Children (WIC)**

Also had its Ribbon Cutting on September 9, 2016 in Swan Creek Village Center and provides the following services:

- Supplemental Foods
- Breastfeeding Education, Promotion and Support
- High-Risk Nutrition Counseling
- Participant Centered Education

Their new address is:

2027 Pulaski Highway, Suite 107

Havre de Grace, Maryland. 21078

Phone: 410-939-6680

Fax: 443-526-6162





# *Public Health Updates*

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- ***Influenza Season***
  - Time to Get Your Flu Vaccine
- ***Zika Update***
  - Still a Public Health Threat
- ***Heroin/Opiate Update***
  - CARF Accreditation for HCHD's Behavioral Health Program
- ***Preventing Suicides in Harford County***
- ***Best Available Technology (BAT) Update***
  - For Protecting the Environment – Through Nitrogen Removal



# *Flu Vaccinations*

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- Everyone 6 months of age or older is encouraged to receive their annual flu vaccination.
- Getting an annual flu vaccine is the best way to protect yourself and your family from the flu.
- Flu vaccination can reduce flu illnesses, doctors' visits, and missed work and school days due to flu, as well as prevent flu-related hospitalizations.
- This season, *only injectable vaccines (flu shots) should be used.* The Health Department will be offering a few community flu clinics to those children K-12.
- We encourage everyone to seek out other community locations where the flu vaccine is being given.



## *Zika is spread to people:*

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- Primarily through the bite of an infected *Aedes aegypti* mosquito
- Through sexual contact
- From mother to child
- Through blood transfusions



# *Zika Common Symptoms*

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- Fever
- Rash
- Joint pain
- Conjunctivitis
- The illness is usually mild but has been linked to poor pregnancy outcomes including microcephaly as well as a serious nervous system disorder called Guillain-Barré Syndrome.



# *Prevalence of Zika*

## *as of October 12, 2016\**

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### **□ *In the US:***

- 3936 confirmed cases
- 878 pregnant women
- 23 live infants born with birth defects
- 5 pregnancy losses with birth defects
- 13 cases of Guillain-Barré

### **□ *In Maryland:***

- 103 confirmed cases (all travel associated, no local transmission)
  - 43 Baltimore Metro Region
  - 52 National Capitol Region
  - 4 Southern Region
  - 3 Western Region
  - 1 Eastern Shore region





# *Local Health Department Role*

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- LHD can approve Zika testing at the DHMH State Lab for:
  - Asymptomatic pregnant women with travel history to Zika-affected area during pregnancy or 2 weeks before pregnancy
  - Symptomatic travelers, male or female
    - With 1 or more symptoms
    - Symptom onset within 2 weeks of travel
  - **Pregnant partners of recent travelers**
- EH provides outreach, education, and response by
  - Eliminating standing water
  - Reducing mosquito breeding
  - Applying larvicide



# *Zika Prevention*

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- There is no treatment for Zika.
- Protection from mosquitos is key.
  - Eliminate Zika at its source; remove mosquito habitats in your yard.
  - Use mosquito repellent when outdoors.
- Pregnancy prevention if traveling to a Zika affected country
  - Birth control method and condom use for 8 weeks after travel if male has no symptoms.
  - Birth control method and condom use for 6 months after travel if male has symptoms.
- If traveler has a pregnant partner, condom use for entire pregnancy.



# *Harford County Health Department*

## *Zika Response Plan*

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- Local Public Awareness Campaign to disseminate Zika information and awareness materials. Direct the public to CDC and DHMH websites. <http://phpa.dhmh.maryland.gov/pages/zika.aspx>.
- Eliminate Zika at its source – HCHD You Tube Video
- Free Zika Prevention Kits (to include larvicide, insect repellent, and condoms) distributed in the county.
- Collaborate with DHMH and other State agencies in deploying a rapid response team to prevent local mosquito transmission.
- Participate in weekly conference call updates with DHMH and other local partners.

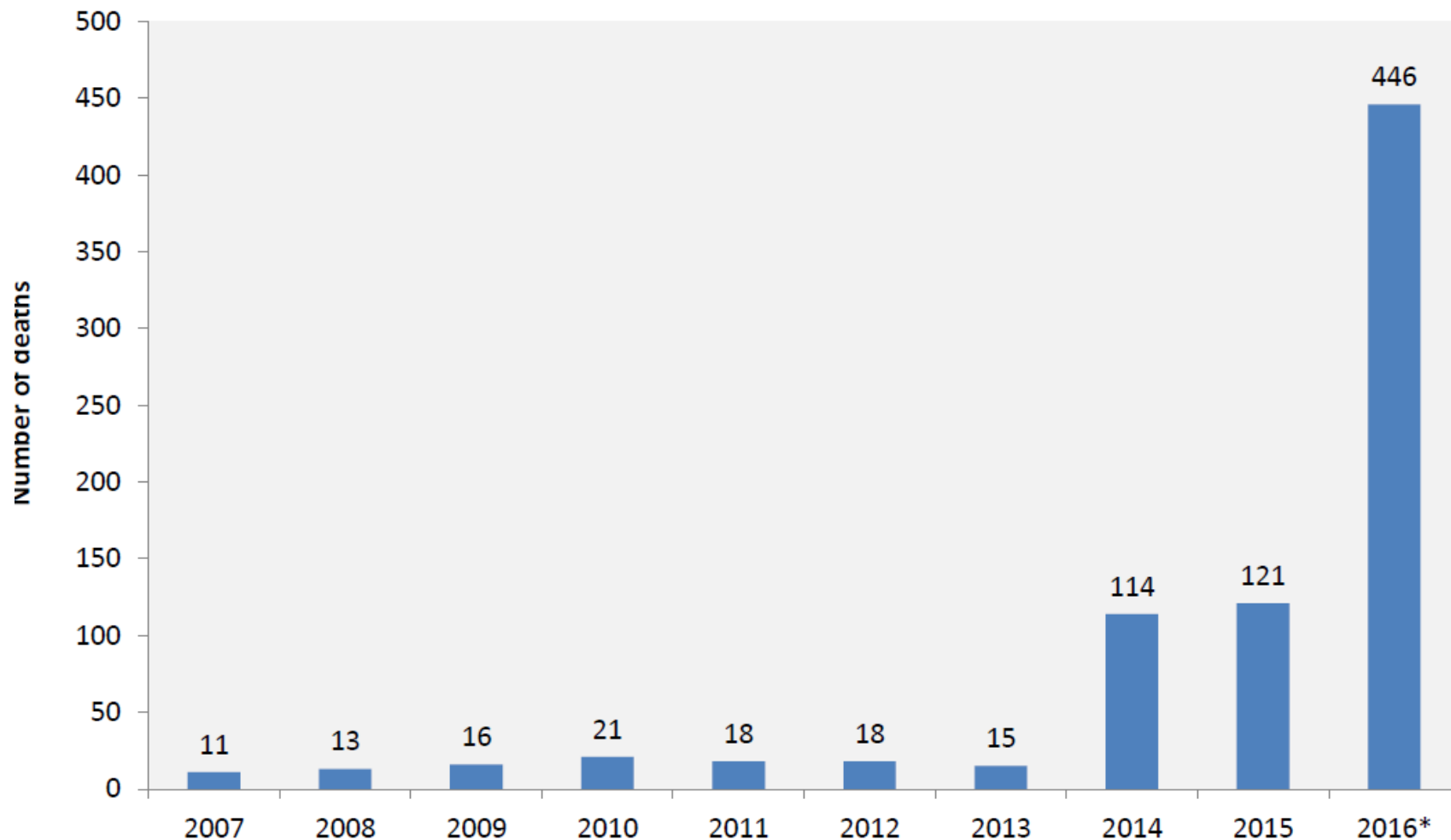


# *Heroin/Opiate Update*

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- As of September 27, 2016, there have been 195 near overdoses of which 32 have been fatal.\* In 2015, there were 27 total deaths due to opiate use.
- The Harford County Health Department Division of Behavioral Health provides substance use disorder outpatient services and mental health outpatient services.

**Figure 4. Number of Fentanyl-Related Deaths Occurring in Maryland from January through June of Each Year.\***



\* 2016 counts are preliminary – DHMH 2<sup>nd</sup> Quarter Report



# *Fentanyl Involved Deaths\**

## *Harford County*

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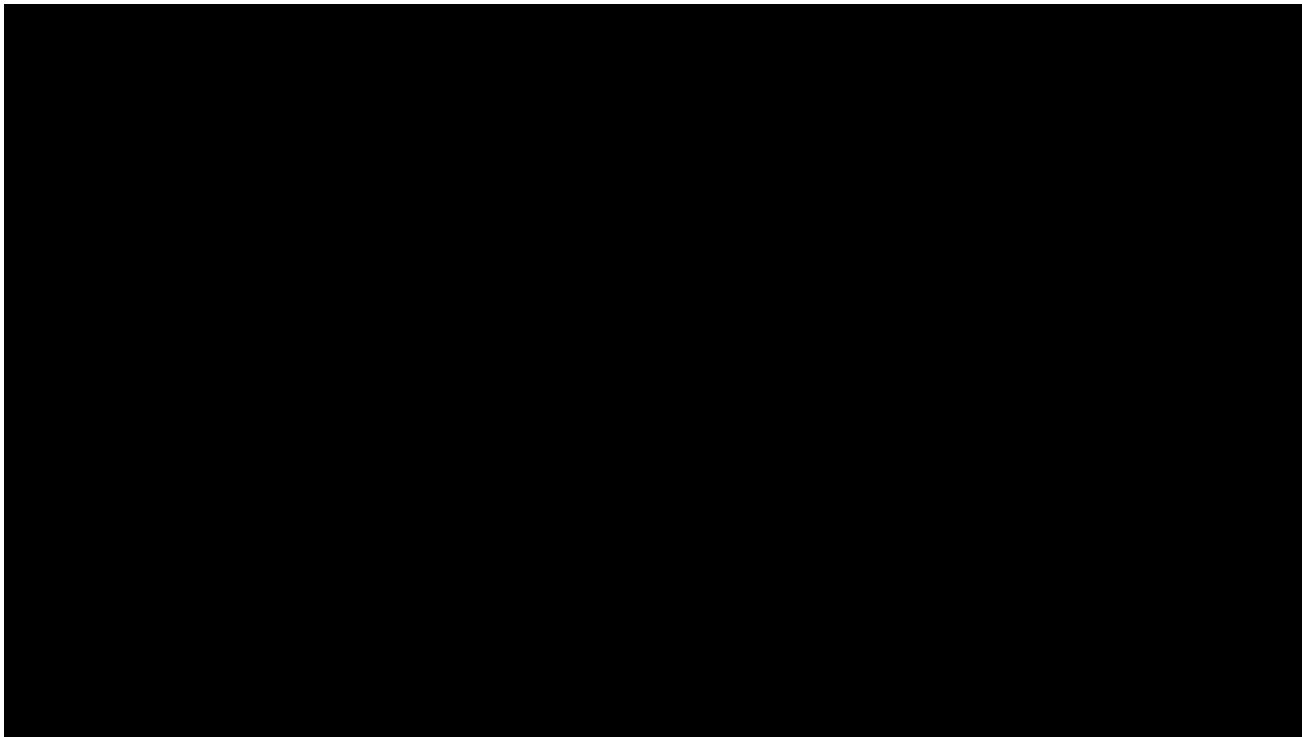
- CY 2013 – 1
- CY 2014 – 2
- CY 2015 – 16
- CY 2016 (thru June) - 15



# *Overcoming Opioids: Fentanyl*

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- <https://www.youtube.com/watch?v=I3XPGScg5fs>





# *HCHD Behavioral Health Program: CARF Accreditation*

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The Division of Behavioral Health has received a Three-Year CARF Accreditation. The Division underwent a rigorous peer review process and demonstrated to a team of surveyors during an on-site visit that its programs and services are of the highest quality, measurable, and accountable.

**This accreditation decision represents the highest level of accreditation that can be awarded to an organization and shows the organization's substantial conformance to the CARF standards.**





## Harford County – Suicides, 2008-2014



In order to address the suicide rates in Harford County, a Suicide Prevention Workgroup was formed as part of the Local Health Improvement Coalition and has worked on several successful interventions designed to increase suicide risk awareness and responses among primary care and mental health providers. However, a community-wide comprehensive intervention was also needed to address this public health concern.



## *QPR – Questions, Persuade, Refer*

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- QPR Gatekeeper Training for Suicide Prevention is a 60-90 minute educational program designed to teach both lay and professional "gatekeepers" the warning signs of a suicide crisis and how to respond.
- Gatekeepers can be anyone who is strategically positioned to recognize and refer someone at risk of suicide (e.g., parents, friends, neighbors, coworkers, teachers, coaches, church members, caseworkers, police officers).
- The process follows three steps: (1) **Question** the individual's desire or intent regarding suicide, (2) **Persuade** the person to seek and accept help, and (3) **Refer** the person to appropriate resources.
- SAMSHA has listed QPR on its National Registry of Evidenced-based Programs and Practices.

## *QPR Gatekeeper Training Instructor Team*

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The QPR Gatekeeper Training Instructor Team in Harford County is made up of thirteen interested members from:

- Behavioral Health Administration
- Friends R Family Foundation
- Harford County Health Department
- Harford County Office of Drug Control Policy
- Harford County Sheriff's Office
- Healthy Harford
- Mobile Crisis Team
- Office on Mental Health
- Private Citizens
- Teen Diversion Program



## *Community Training*

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Since becoming Gatekeeper Instructor certified in March 2016, the QPR Team has trained **over 1000** Harford County residents and employees in QPR in settings as varied as:

- Harford County Government
- Aberdeen Proving Ground
- Shop Rite Supermarkets
- Havre de Grace Ambulance Corps
- St. Ignatius Church
- St. Margaret Youth Ministry
- Churchville Rec Center Senior Group
- Harford County Public Schools Bus Drivers
- Harford County Health Department
- Cherish the Child Symposium
- Life Matters Suicide Prevention Conference
- The ARC Northern Chesapeake



If you would like to schedule a QPR Gatekeeper Training for Suicide Prevention for your workplace or organization, please call Paula Nash or Posie Thompson at 410-273-5681.



**Ask A Question,  
Save A Life**



## *Maryland Department of the Environment (MDE) Current Regulation: BAT (Best Available Technology) for Removal of Nitrogen*

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- COMAR 26.04.02.07 Best Available Technology (BAT) for Removal of Nitrogen – effective January 1, 2013.
  
- BAT systems have been required for septic systems (On-site Sewage Disposal System - OSDS) for any new, upgraded, or repair in Critical Area.
  
- Since January 1, 2013, about 298 BAT systems have been installed in Harford County.
  - Approximately 200 BAT systems were installed for new construction.
  - Approximately 98 BAT systems were installed as a repair – mostly funded with Bay Restoration Fund (BRF) money.



## *Operations and Maintenance- currently*

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- Once a BAT system is installed, the property owner is responsible for the operations and maintenance of the system for the life of the unit.
- All BAT systems sold in the State must include both a five-year operation and maintenance contract and a five-year warranty.
- The property owner must maintain a contract with a service provider or be licensed to maintain their own system.



## *Proposed regulation*

*AKA: Smart and Balanced Regulatory Reform Septic Systems-Best Available Technology for Removal of Nitrogen*

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- August 22, 2016 – Maryland Department of the Environment (MDE) submitted a regulatory action to the Administrative, Executive, and Legislative Review (AELR) Committee.
- The proposed regulation allows the installation of conventional septic systems outside the Critical Area. Critical Areas still require BAT systems.
- BAT is still required for large septic systems with design flow of 5,000 gallons per day or greater.
- Local governments would have the flexibility to require BAT systems outside of the Critical Area.



## *Operations and Maintenance – proposed changes*

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- All BAT systems sold in the State must include both a two-year operation and maintenance contract and a two-year warranty. *(currently 5 year O&M and warranty)*
- Property owners are NOT required to maintain a service contract with a provider; however, they still need to service the BAT system at least one time per year.



## *Areas of Concern Outside the Critical Area for Local Governments*

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- To protect public health or waters of the State
- Well head protection areas
- Within 1,000 feet of a tributary



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# *Questions/Comments*

Contact us at

[www.harfordcountyhealth.com](http://www.harfordcountyhealth.com)

