

# Frederick County Health Department \* 2016 Annual Report \*



**PREVENT \* PROMOTE \* PROTECT**



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## **Vision**

Frederick County leads as a community of health and wellness.

# A Message from the Health Officer



Dear Frederick County Residents and Businesses,

In this annual report you will read about the actions taken in Fiscal Year 2016 by the Frederick County Health Department (FCHD) to move our community closer toward the vision of Frederick County leading as a community of health and wellness.

Our services are designed to improve the health and well-being of the residents of Frederick County through programs that prevent disease and illness, promote wellness and safety, and protect public health.

**Once again, Frederick County ranked 3<sup>rd</sup> best in Maryland in overall health outcomes and health factors in the national County Health Rankings Report.** The health outcomes rankings represent how healthy a county is while health factors represent what influences the health of the county.

The FCHD plays a critical role in supporting both health outcomes and health factors. In some cases the support is through the direct provision of services and increasingly the support is more indirect by working with community-based organizations to achieve common objectives.

Services focused on preventing disease and illness included the Medical Assistance Transportation program that transported 15% more persons to medical appointments in FY16 while the average cost per trip decreased 1%. Ten percent more Women Infants and Children Supplemental Nutrition Program participants breast fed at 6 weeks in Frederick County compared to Maryland. We served 36% more children with developmental disabilities and delays through the school-based occupational and physical therapy program and 6% more were served in the Infants and Toddlers Program compared to FY2015. The Health Care Connection staff processed a significant increase in all types of applications, most notably a 400% increase in the number of new children applications.

Efforts designed to promote wellness and safety included partnering with law enforcement to conduct tobacco sales to minors compliance checks resulting in a 90% compliance rate, a public awareness campaign about substance abuse, [www.TakeBackMyLife.org](http://www.TakeBackMyLife.org), included banner ads connected to the Westview Cinema movie theater website delivering approximately 308,975 impressions with a CTR (click through rate) of 0.62%, which is three times the industry average, and trained and equipped over 1000 persons since May 2014 to administer the opiate reversal medicine, naloxone, resulting in at least 80 lives saved during that time period. The School Health staff handled with care and compassion a 60% increase in the number of sick and injured visits.

Services focused on protecting public health included the rabies control program's educational program designed specifically for summer camps, the ramping of the Local Addictions Authority role of promoting and assuring the quality of the community providers. Additionally, the Food Control Program is one of only 625 jurisdictions nationwide and 1 of 9 jurisdictions in Maryland enrolled within the U.S. Food & Drug Administration Voluntary National Retail Food Program Standards at the same time that temporary food service permits increased by 46%. The Public Health Preparedness Program conducted numerous drills including 5 full scale exercises, 2 of which were specific to the Ebola virus disease.

The Fiscal Year 2016 accomplishments position the Frederick County Health Department to continue to be an innovator and leader in the utilization of peer recovery coaches for persons with an alcohol or substance abuse disorder, public health quality improvement, early intervention for children with developmental delays, and the provision of the ten essential services of public health.

Wishing you optimal health and wellness throughout the year,

Dr. Brookmyer

# From the Office of the County Executive



**FREDERICK COUNTY GOVERNMENT**  
**OFFICE OF THE COUNTY EXECUTIVE**

Jan H. Gardner  
*County Executive*

Dear Frederick County Citizens:

Excellence in public health is the foundation of our community's quality of life. The Frederick County Health Department provides essential health services and protects the health and welfare of all Frederick County citizens every day.

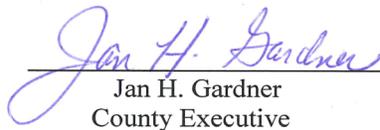
As a nationally accredited health department, there are many notable achievements to report for this past year, including:

- The [www.TakeBackMyLife.org](http://www.TakeBackMyLife.org) campaign featuring Frederick County residents sharing their stories of how opioids have impacted their lives. The campaign won a 2015 Gold MarCom Award from the Association of Marketing and Communications Professionals.
- The Department trained and equipped 265 individuals with Narcan in FY16 for a total of 1090 individuals since May 2014. To date, at least 88 lives have been saved by law enforcement and citizens certified through this program.
- The HIV program recognized a new level of success this year when 94% of the clients attained full viral suppression (the national average is 70%).
- Processed 92% of new Medicaid applications for pregnant women within two days.
- School-Based Occupational Therapy and Physical Therapy referrals increased by over 60%, and the number of services increased 36% in FY16 for a total of over 19,000 services provided.

As Frederick County Executive, I support and rely upon the expertise of our local Health Department to prevent disease and illness, promote wellness and safety, and protect public health. In the face of these challenging times, the importance of public health is ever apparent. I remain steadfast in my confidence of the Health Department's ability to protect and prioritize public health for all citizens.

This thirteenth annual report celebrates the accomplishments of Fiscal Year 2016. Working together, we will continue to fortify the state of health and safety in Frederick County.

**FREDERICK COUNTY, MARYLAND**

  
Jan H. Gardner  
County Executive

# Administration Services

## MEDICAL ASSISTANCE TRANSPORTATION PROGRAM

Individuals that have Medical Assistance (MA) who need to get to medical appointments but have no car or bus route nearby may contact the MA Transportation Program. The MA Transportation Program is a federal and state funded grant program designed to provide access to medical care to those who have no other means of transportation. Individuals will be screened for program eligibility.

The MA Transportation Program met the Strategic Plan goals for FY16 by revising the current screening process and streamlining the application process.

<b>Trips Taken</b>	<b>Miles Driven</b>	<b>People Transported (Unduplicated Count)</b>	<b>Transportation Cost</b>	<b>Average Cost Per Trip</b>
11,736	129,871	680	\$589,585	\$50.23
15% increase over FY 15	20% increase over FY 15	15% increase over FY 15	2% increase over FY 15	1% decrease over FY 15

Part of the increase in number of trips compared to last year is due to clients being able to travel to the doctor of their choice, regardless of location. In addition, there was a significant increase in the number of clients being transported to Methadone Clinics. For those transports alone, there were 1,831 trips made, 31,000 miles traveled and \$85,740 spent. The trend is toward increased need for transportation to Methadone Clinics as more clients join the program and travel to further facilities in Carroll, Montgomery, and Washington Counties.

## VITAL RECORDS

Frederick County Health Department is using the new Electronic Death Registration System (EDRS). EDRS is a web-based application that medical certifiers and funeral homes use to file death records in Maryland, and it replaced the paper-based system.

The new system assists users with data entry through automatic fill-in of repetitious data, drop-down pick lists and auto-population of selected fields. The availability of EDRS has been of enormous benefit for public health purposes since fact-of-death and cause of death information will be available much more quickly than was possible with a paper-based system. In addition, the system assists with fraud prevention involving death records.



# Behavioral Health Services

## CLINIC TREATMENT SERVICES

**The Behavioral Health Services Division took on the role of the Local Addiction Authority for the Frederick jurisdiction.**

As part of this transition to the LAA role, the Division ceased providing direct outpatient services for substance use disorders, and instead created the **BHS Assessment Unit**, which provides clinical assessment and referral services. The Division continues to provide Medication Assisted Treatment for opioid addiction and provides treatment in the Frederick County Adult Detention Center.

The **Local Addiction Authority (LAA)** plans, develops and manages a full range of prevention, intervention, treatment, and recovery services for persons who have or are at risk of developing substance use disorders (SUD).

The LAA develops and implements public health approaches to prevent and mitigate substance-use trauma affecting our community, and collaborates with other human service agencies to promote comprehensive services for service recipients who have multiple needs. *The LAA manages the local public behavioral health system and assists the State Behavioral Health Administration* with safeguarding against unnecessary utilization of publicly funded services in our jurisdiction and assures that services are medically appropriate and necessary.

**12,962**

**Addiction Outpatient Services Provided**

**898**

**Adult Addictions Outpatient  
Client Served**

**101**

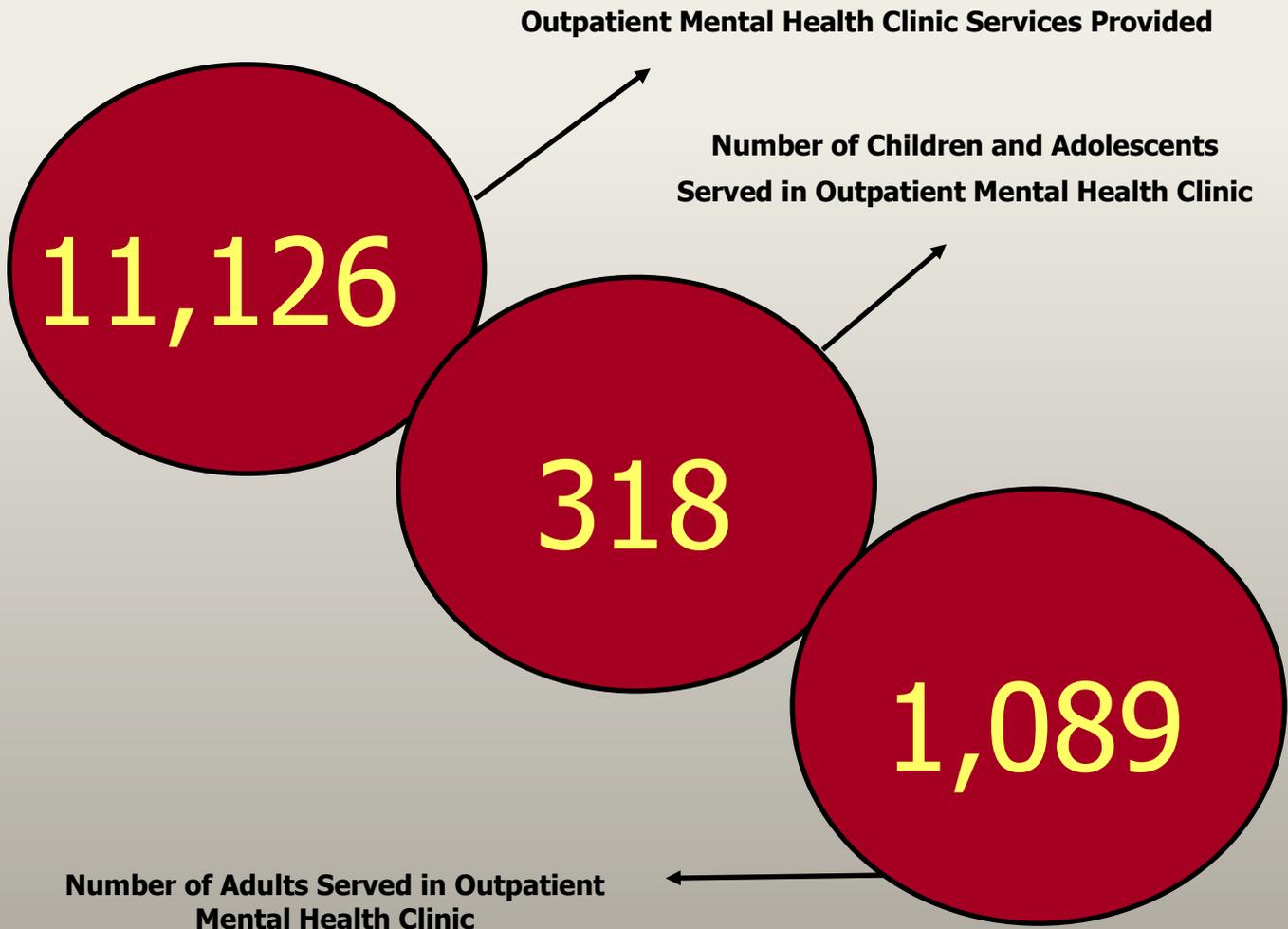
**Adolescent Clients Served  
(assessment/treatment only)**

# Behavioral Health Services

**The Behavioral Health Outpatient Mental Health Clinic** continues to offer services at local schools. In coordination with the Community Agency Support Services (CASS) program of FCPS, licensed therapists are onsite to meet with students for several hours each week. During the past fiscal year students received individual and family therapy at:

**Thurmont Primary, Thurmont Elementary,  
Walkersville Middle and Walkersville High School**

For the 2016-2017 school year these services will be expanded to the Catoclin High School feeder schools for grades 4 and above. Students are typically referred by the CASS program to BHS for these services.



# Behavioral Health Services

## ADULT RECOVERY SUPPORTS

BHS staff received a grant to offer the **Sexual Health in Recovery (SHIR) program** for a second consecutive year. This group intervention, conducted over the course of 14 weeks, provides a total of 21 intensive hours of treatment per participant. Individuals in treatment for substance-related disorders are targeted for participation, since they are statistically at higher risk for negative health-related consequences than other populations. Upon completing the program, participants are more comfortable and familiar with sexual health language, discussion, and self-reflection skills. They are able to recognize common sex/drug linked situations and how they impact risk for relapse. Participants also gain knowledge of risk reduction methods for HIV and other sexually transmitted infections and feel better prepared to communicate sexual boundaries. During FY16, twenty participants completed the SHIR program in its entirety.

**The success of the intervention has led to continued grant funding for next fiscal year.**



The **Peer pilot at Frederick Memorial hospital** was highly successful in FY16. During the year, 586 patients were referred to the **Peer Recovery Support** specialist. The specialist was able to connect 154 patients to mental health and substance use assessments, nearly 200 patients to mental health and substance use treatment and over 70 to peer-led recovery supports. The hospital reports that the recidivism decreased by 50% after the implementation of this program.

After the successful implementation of the peer pilot at Frederick Memorial Hospital, **BHS launched this pilot in the Frederick County Adult Detention Center's Work Release program in May 2016.** The FCHD entered an agreement with the Frederick County Sheriff's Office to provide support to inmates assigned to this program. A peer staff member, with lived experience of addiction and recovery, is stationed at the work release center two afternoons a week, to provide one on one support to peers and peer led recovery focused groups to address issues and barriers to successful recovery. An example of some of the groups include relapse prevention, anger management and spirituality in recovery.

In FY 2017, this support will expand to those incarcerated in the adult detention center and will help prepare inmates for the transition back into the community by addressing personal barriers to their recovery and providing linkages to treatment and recovery supports.

### **FMH Peer Pilot Program**

Number of individuals connected to behavioral health assessments: 154

Number of individuals connected to peer led recovery supports: 70

# Behavioral Health Services

## ADULT RECOVERY SUPPORTS

**The Community Organized Recovery Efforts (CORE) program** also experienced tremendous growth during the year. FCHD continues to provide recovery support at its recovery centers located in downtown Frederick at All Saints Episcopal Church and in Emmitsburg at the health department's Seton Avenue location in the library building.



These services are provided hourly on Monday through Friday mornings, include peer led recovery discussion groups, life skills and wellness classes, yoga, sober socials and more. Services at the center increased by 77% and the number of visits increased by 88%.

The FCHD hosted the Fourth Annual Rally for Recovery at Baker Park on September 28, 2015 for National Recovery Month.

The planning committee comprised of community partners such as the Mental Health Management

Agency, Way Station, Department of Social Services, Whitesell's Pharmacy and community advocates was led by the Recovery Supports Coordinator. The event convened with the reading of the National Recovery Month proclamation by County Executive, Jan Gardner.

This celebration of recovery promoting the message that prevention works, treatment is effective and people recover featured a live band, speakers, children's activities, line dancing and more. Twenty-seven community organizations participated in this event, providing a resource tables with information about program services and how to access them.

**The State Care Coordination (SCC) Program enrolled 181 participants surpassing the target of 160 participants.** The **MD Recovery Net funding** provided services to 64 participants enrolled in SCC. This program provided funding for halfway housing, dental and vision care, transportation, clothing and unique gap services such as tools for work, assistance with a driver's education course and CPR/First Aid course for a CNA licensure.

# Behavioral Health Services

## PREVENTION SERVICES UNIT

In FY2016, **substance abuse prevention** strategies focused on underage and binge drinking, tobacco use prevention and cessation efforts, and opioid misuse. Strategies included print media and mobile messaging, video messaging, face-to-face educational efforts, enforcement strategies, speaking engagements as well as other local capacity-building efforts to address substance use prevention in Frederick County.



The **Maryland Strategic Prevention Framework (MSPF2)** grant received a second round of funding to address underage drinking and binge drinking among youth and young adults in Frederick County. During the first year of funding, a local needs assessment to examine alcohol use among Frederick County youth ages 12-25 year old was initiated in early 2016 with a final report presented to state officials on June 30.

The **Frederick County - Alcohol Prevention Initiative (FC-API)** was able to raise awareness about underage and binge drinking in Frederick County through a variety of environmental strategies and direct services. These included regular coalition meetings, leadership meetings, attending numerous community events to distribute educational and informational materials, and a marketing campaign which included billboards, radios PSA's, a Facebook page, and two public service announcements (PSAs) which aired at two local movie theatres.

The movie theatre campaign ran from March 4, 2016 through June 30, 2016. The campaign consisted of two different 30 second PSA's; one targeting parents and the other targeting youth. The PSA's ran a total of 19,920 times and reached an audience of 240,452.

Enforcement of alcohol laws was conducted in the spring of 2016. Alcohol merchant compliance checks, conducted by the Frederick Police Department (FPD), found that 85% of the merchants checked were in compliance with local youth access laws. The Frederick County Liquor Board provided several trainings to help alcohol merchants comply with local and state alcohol laws/ordinances and distributed free Identification (ID) guides to help merchants identify valid and non-valid forms of identification.

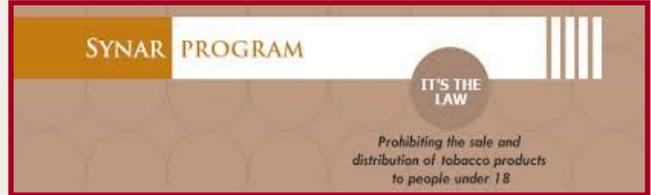
**Alcohol Prevention Initiative 30 Second PSA's Viewed at Movie Theatres**

**Ran a Total of 19,920 Times**

**Reached an Audience of 240,452**

# Behavioral Health Services

## PREVENTION SERVICES UNIT



### **Tobacco control efforts are comprised of two funding sources.**

The **Cigarette Restitution Fund Program (CRF)** focuses on prevention, community education, and cessation services while the **Synar Program** is aimed at reducing youth access to tobacco through enforcement efforts.

Through these efforts, program staff and coalition members educated 3,831 community members through 41 campaigns/events about the dangers of tobacco use, secondhand smoke, and vaping/e-cigarette use.

Funds were provided to four local community organizations to work within the community regarding tobacco prevention and control. These included: the Frederick Keys Baseball who hosted World No Tobacco Day at Nymeo Field at Harry Grove Stadium, Way Station, Inc. who worked to implement and promote their smoke-free policy, the "Special Delivery Program" at the Frederick County Health Department to implement expanded cessation services to expecting mothers, and the Asian American Center of Frederick who provided prevention education to community youth. Educational materials, resources, interactive models, displays and staff was available to answer questions at local events that included health fairs, ethnic festivals, and other public events.

CRF staff, coalition members, and public school teachers educated 3,784 public school students and 222 private school students about the dangers of tobacco and e-cigarette use. Additionally, CRF staff provided training for 50 public school staff members about the dangers of e-cigarettes.

Staff and community partners provided cessation services to 211 individuals through classroom instruction and one-on-one interventions at the health department as well as group classes held at community partner locations such as the Frederick Rescue Mission, Way Station, Inc., and Frederick Memorial Hospital.

**3,784 public school students**

**222 private school student**

**Educated about the dangers of tobacco an e-cigarette use**

# Behavioral Health Services

## PREVENTION SERVICES UNIT

In an effort to reduce youth access to tobacco products, **the Asian American Center of Frederick and the Frederick County Sherriff's Office - Explorer Program** were contracted to conduct face-to-face education to local tobacco merchants to prevent the illegal sales of tobacco products to minors.

Through these partnerships, **215 tobacco merchants** were educated and provided resources and materials to assist in preventing sales to minors. In addition, health department staff educated an additional 33 merchants.

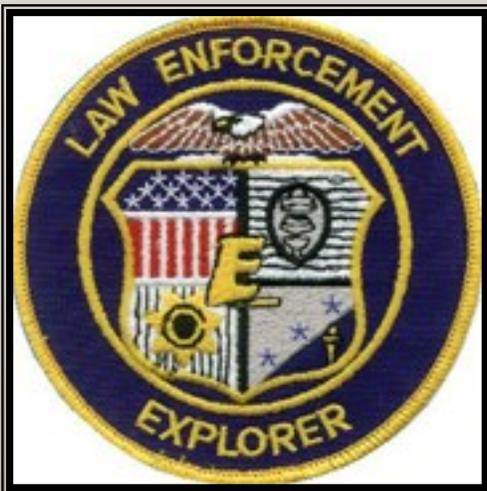
Staff provided a Tobacco Education Group (TEG) as an early intervention for youth found violating tobacco laws or school policies. Six classes were held with a total of sixteen attendees.

Lastly, **local law enforcement agencies (Frederick, Brunswick and Thurmont Police Departments)** conducted tobacco merchant compliance checks. Collectively, 147 compliance checks were completed resulting in 15 citations to businesses for attempted sale to minors. Compliance checks conducted by local law enforcement agencies resulted in a compliance rate of 90%.

**147 \*** Tobacco Merchant Compliance Checks by Local Law Enforcement

**15 \*** Citations to business for attempted sale to minors

**90% \*** Compliance Rate



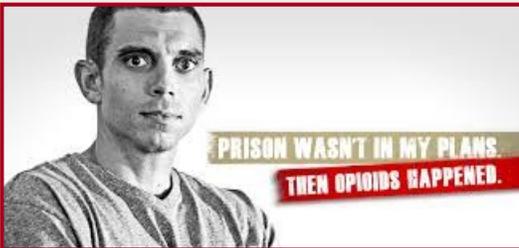
# Behavioral Health Services

## PREVENTION SERVICES UNIT

The **Opioid Misuse Prevention Program (OMPP)** for Frederick County Maryland was initiated in April, 2015 due to the growing concern about the growing opioid epidemic problem across the state. The most noticeable problems identified with the misuse of opioids in Frederick County are "lack of awareness or knowledge" among various community citizens (in particular, the lack of awareness/knowledge about the safe storage and disposal of medications) and "low perceived risk of the dangers of prescription opioids" (that prescription opioids are just as harmful and addictive as heroin).

The OMPP is working to better educate the community and its stakeholders about prescription take-back days, safe methods of disposal of medications, drop boxes, the need to store prescription opioids in safe places, and encourage all prescribers (including all care providers and pharmacists) to inform patients of the perils of prescription opioid misuse.

With that in mind, the OMPP has developed an evidence-based environmental strategic plan. The program launched a public communications campaign called **"Take Back My Life"** to raise awareness of the growing problem of opioid and heroin misuse in the county.



This campaign featured Frederick County residents sharing their stories of how opioids have impacted their lives. TakeBackMyLife.org was publicized in a wide range of media that included: TV, radio, social media, print ads, blogs and online banner ads.

**The first year of the campaign had 18,223 views on Facebook and received a 2015 Gold MarCom Award from the Association of**

**Marketing and Communications Professionals.** Our partners in education have added the Take My Life Back campaign information and materials into their assessments for the middle school curriculum in Frederick County.

The OMPP program worked in collaboration with a local pharmacy, the Frederick Police Department, Maryland State Police, and the Department of Natural Resources Police to market and successfully implement the Drug Enforcement Agency-sponsored "Drug Take Back Day" events.



During the April 2016 event, staff and partners disseminated 380 information bags containing educational brochures and pamphlets, medication storage & disposal reference guide booklets, magnets and business cards containing 6 medication drop box locations.

During this event, **we successfully collected 1,337 pounds of unwanted/expired prescription drugs for disposal.** During the September 2015 event, **1,264 lbs. of meds were collected and disposed.** Advertising strategies included partnering with Frederick County Public Schools' - *Find Out First* messaging, roadside billboards, mobile "geo-fencing", printed flyers, print ads and press releases. The geo-fencing alone reached close to 100,000 community members regarding the importance of proper disposal.

# Behavioral Health Services

## PREVENTION SERVICES UNIT, CONTINUED

The **OMPP program** attended public health fairs and community events throughout the year to educate the community. The Frederick County OMPP Coalition met 5 times between July 2015 and June 2016. The coalition includes members from law enforcement (local, State, and DEA), pharmacist, hospital, local government, substance abuse treatment, Frederick Community College, the District Attorney's office and Frederick County Public school system.

A marketing campaign and media interventions aimed at young adults, parents, and pharmacies was created. The campaign included Find Out First messages, a "Take Back My Life" blog series, print ads, press releases, municipal utility bill inserts and movie theater ads.

The attendance at the movie theaters during which the ads ran was 197,707. The banner ads connected to the Westview Cinema movie theater website delivered approximately 308,975 impressions with a CTR (click through rate) of 0.62%, which is three times the industry average.



Staff visited approximately 50 pharmacies to disseminate information on the current medication drop box locations, the dangers of prescription opioid medication and proper monitoring, storage and disposal of prescription medication to help them educate their patients.

Fourteen pharmacies were visited in May/June to provide updates on the new PDMP laws and to give pamphlets to help them educate patients on the dangers of prescription opioids. Provided drug disposal location "cards", disposal location flyers, and "Good Samaritan" flyers to county pharmacies and community partners.

## "KIDS LIKE US"

In FY2016 **Kids Like Us (KLU)** collaborated with 21 Frederick County schools (13 elementary, 7 middle, and 1 high) to facilitate 32 prevention groups with 157 4<sup>th</sup> through 12<sup>th</sup> grade students impacted by substance abuse in their immediate family. Groups participated in a series of 12 grade-specific program activities, such as counseling, art expression, games, and stories, designed to be engaging, research-based, and to build on one another throughout the multi-year program. Sessions were led by 2 master's level (Art Therapy) KLU counselors and 1 graduate social work student.

Throughout KLU's 28 year history close collaboration with Frederick County Public School (FCPS) counselors and the FCPS Coordinator of Counseling and School Support has fueled program success.

In September 2015 KLU provided an updated *KLU Handbook for School Counselors* and trained 23 collaborating school counselors in its use at their annual training.

# Behavioral Health Services

## "KIDS LIKE US"

KLU is committed to robust program evaluation and in FY2016, 81 elementary students and their teachers, plus 35 middle school students, participated in the Institutional Review Board, (IRB) approved longitudinal evaluation study. This is designed to assess how well KLU is doing at meeting program goals (i.e. to help students manage situations and feelings commonly associated with family substance abuse, build resiliency, and break the intergenerational cycle of addiction) and in preparation to **apply for listing on the *National Registry of Evidence Based Programs and Practices***.

In July 2015, 14 campers attended the **annual free Summer Art Adventure program**, featuring therapeutic horse riding and art expression. This culminated in the 12<sup>th</sup> Annual KLU Art Show entitled "Celebrating Ourselves" at the Delaplaine Visual Arts Education Center in downtown Frederick and in the Health Department Auditorium.

The annual art show provides an opportunity for KLU participants to make an important contribution to the community that raises awareness about the effects of substance abuse in the family on the children. Attendance at the show receptions was 51 and the attendance at the exhibits is estimated to be over 500.

KLU was called on to do a presentation, *Expressive Therapy: Drawing Stronger*, for 111 attendees at the 28<sup>th</sup> Annual Child Welfare Workshop in Hagerstown, MD. The focus was using art therapy and group counseling to increase protective factors in children impacted by familial substance abuse. One volunteer and 5 graduate and undergraduate student interns contributed 442 hours of service to KLU in FY2016.



# Community Health Services

The **Communicable Disease and Preparedness Program (CDAP)** monitors infectious diseases within Frederick County to identify possible trends in illnesses and assist with the control of spreading illness within the county.

One of the biggest news items in the field of HIV in the past year is that President Obama signed the second National HIV/AIDS Strategy which will extend through 2020.



## The goals of the strategy remain the same:

- \* to decrease new HIV infections
- \* increase access to care and improve health outcomes
- \* decrease health disparities
- \* achieve a more coordinated national response

The health department's HIV program continues to strive toward those goals and recognized a new level of success this year when **we reached 94% of our clients having full viral suppression (the national average is 70%).**

The Partners Study this year showed conclusively that those whose HIV virus is fully suppressed as evidenced by viral loads that are at undetectable levels do not transmit HIV through sexual contact. This makes our achievement of 94% even more significant because we know that these clients are not able to transmit the virus. This puts Frederick's program among the best in the state and in the country.

The program continues to reach toward excellence and consumer satisfaction in all of its endeavors. In a survey conducted by the Department of Health and Mental Hygiene, 100% of clients felt that their providers spent enough time with them, that they are respected, that their privacy is protected, and that they received a return phone call within two business days. This exceeded the percentages achieved statewide.



# Community Health Services

## RABIES

The county has experienced an increase in the number of bats sent to the Department of Health and Mental Hygiene to be tested for rabies resulting in an increased number of bats that tested positive for rabies. Our experience has been that these bats have been in single-family home, townhomes and apartment buildings.

It is always a challenge to educate individuals about the risk of contracting rabies and it can be complicated when you must try to locate individuals who may have lived in the apartment complex prior to the sighting to ensure they also receive this education.



We had the opportunity to participate in the Public Health Foundation’s Vector Control Program this year. Our proposal was accepted and the project began in FY2016 and will be completed in FY2017. Our focus has been on camps as in the past we have had a number of bat situations that could have been handled differently and they resulted in a number of people needing Rabies post exposure Prophylaxis, (PEP).

The camp selected had an experience in 2008 which resulted in 12 campers/counselors receiving PEP. Two additional episodes occurred in 2015 resulting in a total of 18 campers/counselors receiving PEP. An educational training was presented to camp counselors this year and Environmental Health staff provided site inspections to evaluate how bats may be entering cabins. Following this training there was one experience, which occurred after the campers had left the camp, and involved only one counselor. This counselor followed training instructions by safely containing the bat and removing herself from the areas where the bat was contained.

**For fiscal year 2015, 89 individuals sought Rabies Post-Exposure Prophylaxis (PEP) compared to 128 individuals in FY2016**

This is a significant increase, not all bat related, which requires the public health nurse contacting the patient and following the patient throughout the course of treatment to ensure it is completed correctly.

## What is “Vector Control”?

**Vector control** is any method to limit or eradicate the mammals, birds, insects or other arthropods (here collectively called "**vectors**") which transmit disease pathogens.



# Community Health Services

## TUBERCULOSIS

In 2014, Maryland's case rate for TB was 3.3 cases per 100,000 individuals. In 2015 this decreased to 2.9 cases per 100,000 individuals. However in 2014, Frederick County's case rate was 2.5 cases per 100,000 individuals and rose significantly in 2015 to 3.3 cases per 100,000 individuals. **Frederick County's case rate has continued to increase since 2012 when the case rate was 0.4 and in 2013 the case rate was 1.7.**

### What this means in terms of numbers:

- \* 2012 – 1 case of TB disease
- \* 2013 – 5 cases of TB disease
- \* 2014 – 4 cases of TB disease
- \* **2015 – 8 cases of TB disease**
- \* **2016 – 7 cases of TB disease**

This translates into an increase in the number of clients receiving treatment from the Health Department via Directly Observed Therapy which is required by the state of Maryland, as well as an increase in staff workload.

**The TB Program has also experienced an increase in clients receiving treatment for TB Infection.**

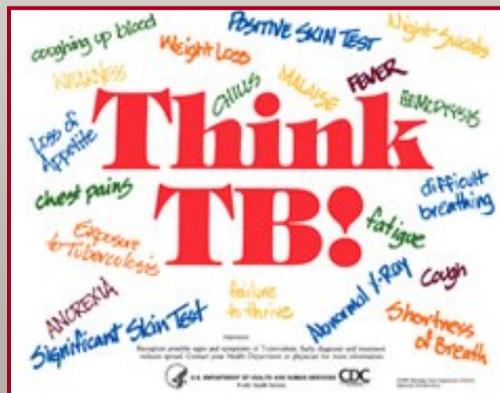
### What this means in terms of numbers:

- \* 2014 – 17 clients with TB infection
- \* 2015 – 54 clients with TB infection
- \* **2016 – 67 clients with TB infection**

**In looking at services provided to all clients with either TB disease or TB infection we can measure the increased workload by looking at the number of clinic visits by year.**

### What this means in terms of numbers:

- \* 2013 – 770 total clinic visits
- \* 2014 – 612 total clinic visits
- \* 2015 – 1,063 total clinic visits
- \* **2016 – 1,081 total clinic visits**



# Community Health Services

## MATERNAL CHILD HEALTH

**The Childhood Lead Poisoning Prevention Program serves children under *age 7* who have elevated blood lead levels of 5 micrograms per deciliter or higher.** Maryland regulations have changed in response to the CDC's change in focus from 10 micrograms per deciliter being the level of concern to 5 micrograms per deciliter to 9 micrograms per deciliter being the new reference range level. The amount of children tested for lead, therefore, has been anticipated to increase.

Children referred to the Childhood Lead Poisoning Prevention Program undergo a case management assessment to ascertain potential lead sources of lead exposure and are educated regarding lead safety. Parents who are renting receive the Notice of Tenants rights packet. Depending on the lead level a nurse home visit can be conducted along with a visit by the regional sanitarian.

This has led to isolating lead sources in the home with recommendations for abatement. The children enrolled in this program have demonstrated a reduction in venous lead levels, some of whom have met discharge criteria as a result of the decreased lead level results.

### **Children Enrolled in Lead Poisoning Prevention Program**

**Admissions - 8**

**Total Case Load - 18**

**Average venous lead level reduction per client: 60%**

## **SPECIAL DELIVERY**

**Special Delivery** provides intensive case management to high risk pregnant and parenting women via home visits, face to face visits and telephone calls. Referrals are received from physician's offices, community agencies, and individuals referring themselves as well as through various Health Department programs. More than half of all pregnancies nationwide are unintended.

Special Delivery helps reduce the risks associated with unintended pregnancies via education to increase knowledge of health and safety, and to also decrease risk behaviors. All women entering care in Special Delivery are screened for intimate partner violence, substance use, perceived stress and depression.

Resource navigation has resulted in women receiving behavioral health care, dental and vision care as well as OB care. The majority of infants whose mother received Special Delivery during pregnancy are born full term and are breastfed in the first few weeks after birth. Special Delivery also works with strategic partners throughout the Frederick County community. Through the generosity of the Kiwanis club of suburban Frederick, several families were able to receive a safe sleep pack and play and other items to help with their newborns.

**849 \*Special Delivery Client Contacts**

**55 \*Special Delivery Face To Face Client Visits**

**29 \* Recent Birth Home Visit Contact**

**171 \* Prenatal/Infant Case Management Case Load**

**84 \* Nurse of the Day Calls**

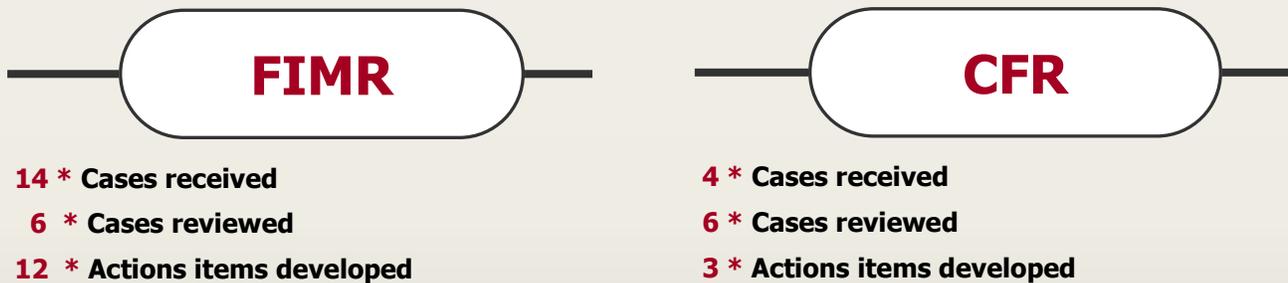
# Community Health Services

## Surveillance and Quality Initiatives

**Surveillance and Quality Initiatives (SQI) houses both Fetal Infant Mortality (FIMR) and Child Fatality Review (CFR) teams.**

**FIMR** serves to review fetal and infant deaths due to natural causes. The members represent a wide array of medical and community programs which serve pregnant women and infants. The team is dynamic in formulating results based interventions to help increase health, safety and bereavement resources for pregnant and parenting women. Most recently a driver diagram has been created to address prenatal care access disparity.

**CFR** is a multidisciplinary team with a strong law enforcement partnership which serves to address community needs associated with the deaths of infants, children and adolescents due to non-natural causes. The action items stemming from this team affect the needs of this population on a local, state and national level.



## TEEN BIRTH EDUCATION

**Teen Childbirth Education** serves to educate expectant teens age 13 to 21 about what to expect during labor and delivery in a supportive environment.

This group serves under the guidance of a multidisciplinary group including members from the Department of Social Services, Families Plus, Family Partnership, School Health, The Mental Health Association and the Health Department.

During the course of FY 16, it was decided to increase the age of eligible expectants to age 26 which will help young expectants with special needs receive personalized education and anticipatory guidance prior to the labor and delivery experience.



# Community Health Services

## The Special Supplemental Nutrition Program for Women, Infants and Children Program (WIC)

*The Mission Statement of the Maryland WIC Program is to assist eligible women, infants and children to achieve improved nutrition and health status by providing nutrition education, selected supplemental foods and health referrals in a caring, supportive environment. The staff of the Frederick County WIC Program has worked hard to fulfill this mission.*



The **Nutrition team** conducted quarterly nutrition education classes geared toward healthy eating. The topics included Energize Your Brain with Breakfast, Check the Menu, Building a Better Salad and Let's Cook.

Our **Breastfeeding team** revamped their breastfeeding class to include baby behaviors called Getting to Know Your Newborn. This change has led to more pregnant women attending and deciding to breastfeed. Frederick County continues to exceed the state statistics in both six weeks prevalence and duration of breastfeeding!

Frederick County, statewide and nationally, has seen a drop in participation over the past few years, therefore outreach efforts continue to be top priority so residents of Frederick County know WIC is still around.

The **Outreach team** has tried to make WIC a popular place by advertising with Valpak, magazines, newspapers, cable television, radio stations, local theaters, county buses, countywide billboards and continued participation in community, school and church fairs. Evening and Saturday hours also continue to be offered to accommodate our participant needs.

Our annual distribution of **Farmers' Market coupon booklets** took place at three different markets during July and August. They included the Frederick City Farmer's Market, the West Frederick Farmers' Market and the YMCA of Frederick County Farmers' Market. Clients were able to pick up their coupons and spend them immediately. A total of 1150 coupon booklets were handed out to families.

**4415 \* Monthly Caseload Assignment: (Participants receiving benefits each month)**

**19,873 \* Total Appointments Conducted/Kept**

**24,677 \* Total Appointments Scheduled**

**80.53% \* Appointment Show Rate**

# Community Health Services

## Preventive Health Program

The **Preventive Health Program** aims to detect breast, cervical, and colorectal cancer early and minimize morbidity and mortality from these diseases through screening. In order to reduce barriers to screening, the program covers the cost of these exams for those low income Frederick County residents who are uninsured, as well as covers the cost of out-of-pocket expenses for insured residents. It also provides navigation services for insured residents to ensure completion of cancer screening in a timely manner.

Partnerships with medical providers in the community resulted in 384 women receiving clinical breast exams, cervical cancer screening and mammograms, and 80 participants being screened for colon cancer. Additionally, almost 11,281 individuals were educated about these cancers with the assistance of members of the Frederick Community Cancer Coalition and other community partnerships such as The American Cancer Society, Team H.O.P.E., and The Faith Striders. These vital partnerships help us in our mission of educating our community that screening saves lives especially among racial and ethnic minority populations experiencing increased rate of developing and dying from cancer.

**384 \* Women received clinical breast exams, cervical cancer screenings and mammograms with 43% reported being from a minority group**  
**80 \* Participants screens for color cancer with 76% reported being from a minority group**  
**11,281 \* Individuals educated about these cancers**

**A second component to the Preventive Health program addresses the management of chronic diseases, which includes hypertension and diabetes.** The goal is to prevent and reduce the burden of health problems resulting from these conditions and, ultimately, to improve the well-being of Frederick County residents.



Efforts to accomplish this include a current health systems grant project in partnership with Frederick Regional Healthcare System and two primary care practices that focus on engaging patients in the self-management of their hypertension and/or diabetes and engaging the practice staff and community in developing processes and interventions to support this. **An example of this is the recent development of a community support group for residents diagnosed with diabetes or at risk for diabetes.**

Preventive Health also **has a chronic disease self-management program located at the Health Department, titled "I'm Living Healthy,"** centered on assisting clients with diabetes and hypertension in improving blood sugar and blood pressure control and preventing the development of these diseases for those who are at risk.

This effort to prevent and manage chronic disease in the county has involved a community-wide approach. Collaborations include working with the Frederick Regional Healthcare System in developing chronic disease assessment and educational tools and linking patients to community resources as well as partnering with the Fire & Rescue Services to provide regular blood pressure and blood sugar checks to county residents.

**This fiscal year, we have served 115 individuals through our Chronic Disease programs.**

# Community Health Services

## Preventive Health Program



**A third component of Preventive Health is promotion of worksite wellness through implementation of the Healthiest Maryland Businesses (HMB) grant.**

HMB raises awareness about the benefits of a healthy workforce, supports business leaders in developing healthy policies and practices for the workplace, and recognizes their commitment and success. In FY16, 5 new businesses from Frederick County became an HMB, and 17 Frederick County employers were recipients of the HMB Wellness at Work Award.

# Environmental Health Services

The **Community Services and Development Review Program (CSDR)** provides the following services for the protection of public health:

- \* Permitting and inspection services for regulated entities/ activities including swimming pools, bathing beaches, drinking water supplies, daycare/foster homes, and open burning.
- \* Investigation of nuisance complaints and other conditions that are a threat to public health.
- \* Development review activities to ensure compliance with State health codes and environmental regulations.
- \* Zoonosis Program (e.g., rabies vaccination clinics/animal bite investigations and pet stores)

The **rabies program remains a high priority.** By State regulation, all dogs and cats must be vaccinated and local health departments are required to conduct a minimum of two (2) vaccination clinics each year. Rabies was also the focus for a Public Health Foundation vector control grant that was used to fund the development of a bat safety and rabies exposure prevention course that was completed by 25 camp counselors.

- In FY 16:**
- \* Conducted 4 clinics at 3 different locations to provide access to low-cost vaccinations with 1,144 dogs and cats being vaccinated
  - \* Development review included review of **748 subdivisions and 209 water systems**
  - \* Public swimming pool and bathing beach safety also continues to be an area of focus reflected in the **768 inspections conducted** at these facilities.

# Environmental Health Services

**The Food Control and Consumer Protection Program (FCCP)** enforces the Maryland Code of Regulations that applies to Food service Facilities, COMAR 10.15.03. It is responsible for the regulation, licensure and inspection of facilities that prepare and/or provide food to the public in Frederick County.

These facilities can be permanent or temporary, including: restaurants, caterers, schools, nursing homes, grocery stores, concession stands, carnival stands, fair vendors, farmers markets, USDA Exempt retail butchering's, and mobile units.

Licensed Environmental Health Specialists from this office investigate complaints involving food service facilities and Maryland Clean Indoor Air Act violations as well. In addition, they conduct sanitary surveys within schools. Staff is also responsible for reviewing and approving plans for the construction or alterations of food service facilities.

In FY16, the Food Program received two Association of Food & Drug Officials (AFDO) sub-awards from a FDA Retail Program Standards Grant. One sub-award in the amount of \$2,000 was received for staff training and related expenses.



**Funds were used to enable staff to attend trainings such as:**

2015 FDA Central Region Retail Food Safety Education & Training Seminar, (FD108) FDA Temporary Food Establishments, DHMH Sponsored ROP Workshop, 100<sup>th</sup> Annual CASA Educational & Training Seminar, (FD215) FDA Managing Retail Food Safety, and 2016 AFDO Annual Conference.

The other sub-award in the amount of \$3,000 was received for program outreach projects. Funds have been used to print 3,000 informational brochures on Temporary Food Events, the purchase of food safety promotional items (hand sanitizer and magnets), and equipment such as a laptop computer and portable projector for the program to improve the ability to offer outreach and training opportunities to licensed establishments and the general public.

The Food Office held two Food Safety Trainings on February 29, 2016 that was targeted towards non-profit organizations, schools, and smaller community organizations. There were approximately 110 attendees between the two sessions, most of which provided positive comments on their evaluations.

**Frederick County has been enrolled within the U.S. Food & Drug Administration (FDA) Voluntary National Retail Food Program Standards since March 2013 and is currently 1 of 625 jurisdictions enrolled at the local level, of which 9 are within Maryland.**

# Environmental Health Services

## Food Control and Consumer Protection



### **In FY16 Frederick County licensed:**

\* 1,169 Food Establishments (an increase of 9 from FY15)

### **At the year's end:**

\* 1,029 (88%) of those licensed food establishments were classified as either High or Moderate Priority which MD regulations require to have approved Hazard Analysis Critical Control Point (HACCP) plans

### **Total number of High and Moderate Priority Food Establishments:**

\* 968 (or 94%) have approved HACCP plans

### **In FY16 there were:**

\* 9 foodborne illness investigations conducted compared to 2 in 2015, yet there was only 1 documented foodborne illness outbreak

### **In FY16:**

\* 17 enforcement actions by the Food Program which included Administrative Conferences, Food Facility License suspensions, Temporary Food Facility Permit denials, and Cease & Desist Orders issued

\* 212 complaints received by the Food Program increased 7%; there were 4 complaints associated with the MD Clean Indoor Air Act (CIAA) that were investigated, compared to none in 2015

### **In FY16:**

\* 1,790 Temporary Food Service Permits were processed (an increase of 46% from FY15)

# Environmental Health Services

## Individual Well and Septic

**The Individual Well & Septic Program** provides permitting, inspection, and development review services for areas of Frederick County that are currently not served or not planned to be served by public/ community drinking water and/ or sewerage systems.

In FY16, the program continued implementation of new State regulations enacted by the Maryland Department of Environment (MDE) requiring all *new* construction in areas not served by public/community sewerage to utilize Best Available Technology (BAT) for *Nitrogen Removal*.

By MDE regulation, BAT systems are required for new construction for both new homes and new non-residential buildings and new replacement systems, including for any addition to or modification of an existing structure that increases flow. Additionally the new State regulations require that installation and/or service of a BAT system can only be done by certified providers that have the required training and been approved by the BAT Vendor, MDE, and Frederick County Health Department (FCHD). In FY16 the program continued tracking compliance with service requirements for BAT system owners begun in FY2015.

**By partnership of the Canaan Valley Institute and FCHD, financial assistance from the State Bay Restoration Fund (BRF) has been used to retrofit existing septic systems with BAT.**



### **BRF Funds - State Bay Restoration Fund**

**\$372,600 \* FCHD disbursed**

**27 \* BAT replacements/retrofits installed**

**116 \* BAT systems installed without grant funding**

**\$3.07 Million \* BRF funds received and disbursed**

# FCDC - Developmental Center

## Audiology

**The audiologist at FCDC completed audiological screening and/or assessment for:**

- \* children being evaluated by the Frederick County Infants and Toddlers program
- \* students referred by the FCPS Special Education program
- \* students attending Rock Creek School as requested by the school health nurses
- \* children attending the YMCA of Frederick County Head Start program
- \* children covered by Medical Assistance insurance
- \* infants with medical assistance insurance who fail their initial newborn hearing screenings adults with developmental disabilities

**The audiologist also fit hearing aids and dispensed hearing aid supplies for children** covered by Medical Assistance insurance, programmed the special FM listening devices that students with hearing loss use during classroom instruction at FCPS, and updated the custom made earmolds that students use in conjunction with the FM devices. In June 2016, the audiologist participated in filming a public health message about Cytomegalovirus (CMV).

Total Number of Audiology Visits	
Population	Total
I TP	221
FCPS	88
Head Start	357
Outpatient children	80
Developmentally disabled adults	52
<b>TOTAL:</b>	<b>798</b>

## Dental Program

**The dental program serves Frederick County children ages 1-20 years who are uninsured or have Medical Assistance.** Considered the "safety net" dental services for low income children in Frederick County, the program served 3207 children in FY16. In addition, in collaboration with the Frederick Community Action Agency's School Based Health Centers and YMCA Head Start of Frederick County, the program provided screenings, oral health examinations, fluoride varnish and oral health education off site at several FCPS elementary schools and Head Start centers reaching 885 children in the community.

**Children Served \* 3,207**

**Clinical Visits \* 4,103**

**Emergency Treatments \* 79**

**Fluoride Varnish Applications \* 2,426**

**Sealants \* 390**

# FCDC - Developmental Center

## Infants and Toddler

The Frederick County Infants and Toddlers Program has worked closely with MSDE's Division of Special Education/Early Intervention Services under the State Systemic Improvement Plan over the past year in moving forward with shifting services to a more collaborative, family centered approach using Evidenced Based Practices, such as Coaching and Routines Based Interview (RBI).

The importance of conducting a thorough family assessment, once a child is determined eligible for services, is to identify the child and family's routines and to establish an effective teaching and learning partnership with families, caregivers, and child care providers in the community. This sets the stage for increasing feelings of confidence and competence in being able to help their children to grow and learn.

Additionally, staff is completing training on SEFEL (Social Emotional Foundations for Early Learning) principles and will be receiving support from identified local trainers who have a background in social work. Throughout this next year, FCITP will be identifying tools and resources for functional family assessments, as well as to better identify and support the social and emotional needs of the children and families we serve.

**In FY16, 646 children birth to 4 years of age received services through the Frederick County Infants and Toddlers Program, an increase of just over 6% from FY15.**

## School Based—OT/PT Services

**The Frederick County Developmental Center has continued to work closely with Frederick County Public Schools to provide Occupational and Physical Therapy services.** This past year the OT/PT Program Manager has continued to work on the FCPS Educational Specification and Feasibility committee that will result in a plan for a modern facility to serve the students at Rock Creek School.

In March 2016, Sara Scovitch MPT, School-Based Physical Therapy Coordinator for FCDC, along with Therese Pelicano, Special Needs Transportation Manager for FCPS, were invited to present a lecture entitled *Collaborative Efforts in Emergency Evacuation for Special Needs Students* at the national conference for Transporting Students with Disabilities & Preschoolers held in Louisville, Kentucky.

Biannual bus evacuations are required by law, but unfortunately, there is little guidance as to how the evacuation procedure should look for students who are medically fragile or who present with limited mobility. **Utilizing a Plan-Do-Study-Act process**, a two part training program utilizing rescue mannequins and evacuation of special education buses at Rock Creek School was developed over the course of two years. Sara and Therese are currently looking at measures to continue quality improvement by offering trainings at locations outside of Rock Creek School.

**386 \* assessments completed by therapist for children**

**700 \* OT/PT therapy provided to children**

**19,000 \* visits by therapist**

**\*Increase of 150 referrals and 5000 services**

# Health Care Connection

**The Administrative Care Coordination Unit (ACCU) helps consumers navigate Maryland's Medicaid managed care system called HealthChoice** through education and personalized support such as helping clients find a primary care doctor or specialist in their area.

- \* We help clients understand their HealthChoice benefits and how to access healthcare services
- \* We provide information on how to renew their Medicaid and how to keep their information updated

Our priority target populations are: Newborns, children, pregnant, and postpartum women in order to promote a healthier outcomes for all.

ACCU serves as a resource for all divisions of the Health Department, local community agencies, medical providers and the general public. ACCU is available daily to assist walk-in consumers with Medicaid problems, questions, and provides educational support.

Additionally, the ACCU investigates and resolves complex medical issues involving care coordination and ensures that complaints about health care or a MCO have been resolved for Medicaid enrollees through our Ombudsman Program. We are the local health department extension of the DHMH HealthChoice Community Liaison and Care Coordination Division.

**Local awareness activities in fiscal year 2016 included participation** in Family Partnership Advisory Board meetings; Head Start Medical Advisory Committee; and Frederick County Health Department Policy Committee, and Cross Divisional Children's Health Services.

ACCU presented two workshops in collaboration with area hospitals, MCOs and community partners in FY16 on emergency department utilization by Medicaid beneficiaries. We also continued to support the Frederick Memorial Hospital Prenatal Center and the medical practices in Frederick County.

## **ACCU provided the following services for Medicaid beneficiaries**

**12 \* Ombudsman referrals**

**311 \* DHMH Complaint Resolution, MCO, or provider referrals**

**834 \* Pregnant women referrals**

**434 \* Newborn referrals or notifications**

**175 \* Other Medicaid beneficiary referrals**

**764 \* Medicaid-related phone consults**

# Health Care Connection

- \* **The Maryland Children's Health Program (MCHP) determines medical assistance eligibility for pregnant women and children up to the age of 19.**
- \* **The Families and Children (FAC) Program determines eligibility for the family and includes children up to 21 years of age.**

These two programs differ according to the participant's modified adjusted gross income, with the maximum income levels being much lower for the FAC Program. One of the primary objectives for these programs is to determine medical assistance eligibility for pregnant women within 2 days of submitting an application and children within 10 days of submitting the application. Maryland requires these objectives to be met at least 80 percent of the time and MCHP exceeded those standards in fiscal year 2016 thus better supporting the Governor's initiative to reduce Maryland's infant mortality rate.

**4,779 \* New MCHP children applicants \* (83% processed within 10 days)**  
**256 \* New pregnant women applicants \* (92% processed within 2 days)**  
**1,304 \* New Families and Children (FAC) applicants \* (550 total applications)**  
**1,029 \* Initial screening for subsequent Qualified Health Plan (QHP) applicants**  
**\* (930 adult and 99 children applicants)**

## Public Health Preparedness



**Public Health Preparedness (PHP)** is committed to the health and safety of all citizens of Frederick County. We are dedicated to developing, maintaining, and exercising plans to prepare our community for public health emergencies.

During FY15, planning began for the local response to Zika in collaboration with the Community Health Services Division and the Environmental Health Services Division. Meetings were held weekly to optimize the planning and response efforts. This effort is continuing into FY2016.

### Multiple plans were also exercised this year.

- \* A medication dispensing throughput drill was conducted with the help of FCHD volunteers from all divisions.
- \* A communications exercise was conducted with the help of the Response Team to test the procedure for notification of partners during a Cities Readiness Initiative response.
- \* Later in the year, a full-scale exercise was conducted with Closed Points of Dispensing (PODs) to test their involvement in a Cities Readiness Initiative response. FCHD participated in a tabletop exercise focusing on county response to a CRI event that included civil disturbance to practice county-wide unified command structure.

# Public Health Preparedness

**The 10<sup>th</sup> annual Long Term Care Conference on Emergency Preparedness was held for all of the Skilled Nursing Homes and Assisted Living facilities in the County.** Topics included the Baltimore city's demonstrations, disaster recovery, the Frederick County Long Term Care Emergency Assistance Workgroup, FCHD's Ebola response, and FCHD planning and preparedness activities.

Call down drills were conducted each quarter using Alert Frederick County, an automated system run by Everbridge. Drills were conducted for the whole health department, the Strategic Planning and Operations Team and the nurses in the health department.

All quarterly drills included partners from Frederick Memorial Hospital and the local Red Cross chapter. Quarterly regional communication drills, including hospitals, health departments, and other medical facilities from Garret, Allegany, Washington, and Frederick Counties (Regions 1 and II Healthcare Coalition) were conducted.

## **PHP Trainings Conducted:**

- \* 1 Public Health Emergency Planning: Preparedness and You training was given to all FCHD staff online
- \* 1 Emergency Operations Center training for FCHD representatives
- \* 1 Shelter Nurse Protocol training for FCHD nurses
- \* 1 Shelter Nurse Protocol training for MD Response nurse volunteers

## **PHP Exercises Conducted:**

- \* Conducted 5 full-scale exercises or drills
- \* Ebola screening drill
- \* Ebola functional exercise
- \* Non-medical medication dispensing throughput drill
- \* MCMDD communication drill
- \* Closed Point of Distribution exercise
- \* Conducted 2 Tabletop exercises
- \* NCR Water Contamination tabletop
- \* Unified Command tabletop
- \* Conducted 4 Personnel Call Down Drills
- \* Participated in 4 Regional Communication Drills with Regions 1 and II Healthcare Coalition
- \* Participated in 4 State-wide Health Alert Network (HAN) Communication Drill



## **PHP Planning Conducted:**

- \* Lead of Frederick County Health/Medical Subcommittee of the Frederick County Emergency Policy Advisory Committee
- \* Member of Frederick County Mass/Care Shelter Subcommittee
- \* Vice-Chair of Local Emergency Policy Committee
- \* Member of Citizen Corps Council
- \* Member of Regions 1 and II Healthcare Coalition
- \* Developed Emerging Infectious Disease Plan

**Participated in local Emergency Operations Center activation  
for response to winter storm Jonas**

# School Health

**The School Health Division provides health services to Frederick County public school students.**

Health services include administration of medications for children diagnosed with disorders related to attention deficit, seizures, mental health, diabetes, asthma, etc. and administration of treatments such as stomach tube feedings, blood sugar checks, nebulizers, and urinary catheterizations.

Provision of services also includes first aid, care of the sick and injured, disease prevention, health promotion and control of communicable diseases. School Health also provides hearing and vision screening services to both public and private schools to students who enter a school system, enter the first grade, and enter the eighth or ninth grade.

**40,819**

**Students Served**

**338,483**

**Sick and Injured Visits**

**473,967**

**Total Health Room Visits**

**21,927**

**Hearing and Vision Screenings  
Public and Private School  
Students**

**1,124**

**Screenings Resulting in Referral  
to a Health Care Provider**

**92%**

**Return to Class**

# Public Health Facts

## Roots in Antiquity:

From the beginnings of human civilization, it was recognized that polluted water and lack of proper waste disposal spread communicable diseases

## 1000 BC:

Chinese doctors developed the practice of variolation or inoculation following a smallpox epidemic

## 1485:

The Republic of Venice established a Permanent Court of supervisors of health with special attention to the prevention of the spread of epidemics in the territory from abroad

## 1793:

Baltimore City established a Health Office to stop an epidemic of yellow fever

## 1800:

The practice of vaccination became prevalent following the pioneering work of Edward Jenner in treating smallpox

## 1886:

Frederick County was the first to organize a Board of Health outside of Baltimore

## 1934:

Each Maryland County had established its own health department

*References: Wikipedia, Maryland.gov and Williams' History of Frederick County, Maryland*

## Mission

The mission of the Frederick County Health Department is to improve the health and well being of the residents of Frederick County through programs to prevent disease and illness, promote wellness and safety and protect public health.



Frederick County Health Department

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[www.FrederickCountyMD.gov/HealthDept](http://www.FrederickCountyMD.gov/HealthDept)

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