



Thomas Jefferson Health District

Annual Report
Fiscal Year 2019



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WHO WE ARE

The Thomas Jefferson Health District (TJHD) is one of thirty-five health districts under the Virginia Department of Health. We are comprised of six health departments that serve the counties of Albemarle, Fluvanna, Greene, Louisa, and Nelson, along with the city of Charlottesville. Our local health departments provide numerous public health services to over 250,000 residents.



OUR MISSION

To protect and promote the health and well-being of all Virginians

OUR VISION

Healthy people living in healthy communities

TJHD LOCATIONS

CHARLOTTESVILLE/ALBEMARLE

HEALTH DEPARTMENT

1138 Rose Hill Drive
Charlottesville, VA 22903
(434) 972-6200

FLUVANNA COUNTY HEALTH DEPARTMENT

132 Main Street
Palmyra, VA 22963
(434) 591-1960

GREENE COUNTY HEALTH DEPARTMENT

50 Stanard Street
Stanardsville, VA 22973
(434) 985-2262

LOUISA COUNTY HEALTH DEPARTMENT

Health Clinic Services
540 Industrial Drive
Louisa, VA 23093
(540) 967-3703

Environmental Health
1 Woolfolk Avenue
Louisa, VA 23093
(540) 967-3707

NELSON COUNTY HEALTH DEPARTMENT

4038 Thomas Nelson Highway
Arrington, VA 22922
(434) 263-8315

LETTER FROM THE DIRECTOR:



Fiscal year 2019 (July 1, 2018 to June 30, 2019) found the health district adopting a new role. The Thomas Jefferson Health District (TJHD)—serving the City of Charlottesville, and Albemarle, Fluvanna, Greene, Louisa, and Nelson counties—is one of 20 health departments from across the country selected to participate in the *Kresge Foundation Emerging Leaders in Public Health Initiative*. As part of the program, we participated in education and growth opportunities focused on adopting a new role to accelerate health equity in our community. Our journey corresponded with MAPP2Health's focus on health equity and with many other activities across our community. In adopting this new role, we spent the year focusing on how to achieve this transformation. Our next steps are to take a close look at our internal processes and staff training.

Equity starts with the fundamentals of public health: clean water and safe food. Our Environmental Health Division works diligently to assure all citizens of our district of these fundamentals. Despite being short staffed and hampered with a major overhaul of the state reporting system, our experts in food safety and onsite water and sewer system tackled a variety of issues with dedication and professionalism. Their hard work allows us to work with our many community partners to tackle broader issues influencing health equity.

I am proud of the Thomas Jefferson Health District's accomplishments this past year and am pleased to present the Annual Report for fiscal year 2019 (FY19). Read on for more stories about TJHD and our journey to better health.

Wishing you good health this year,

Denise Bonds, MD, MPH
Director, Thomas Jefferson Health District
Virginia Department of Health



Virginia Secretary of Health and Human Resources, Daniel Carey, MD, visited the Charlottesville/Albemarle Health Department in the fall of 2018.

ESSENTIAL SERVICE 1 - MONITOR HEALTH STATUS TO IDENTIFY AND SOLVE COMMUNITY HEALTH PROBLEMS

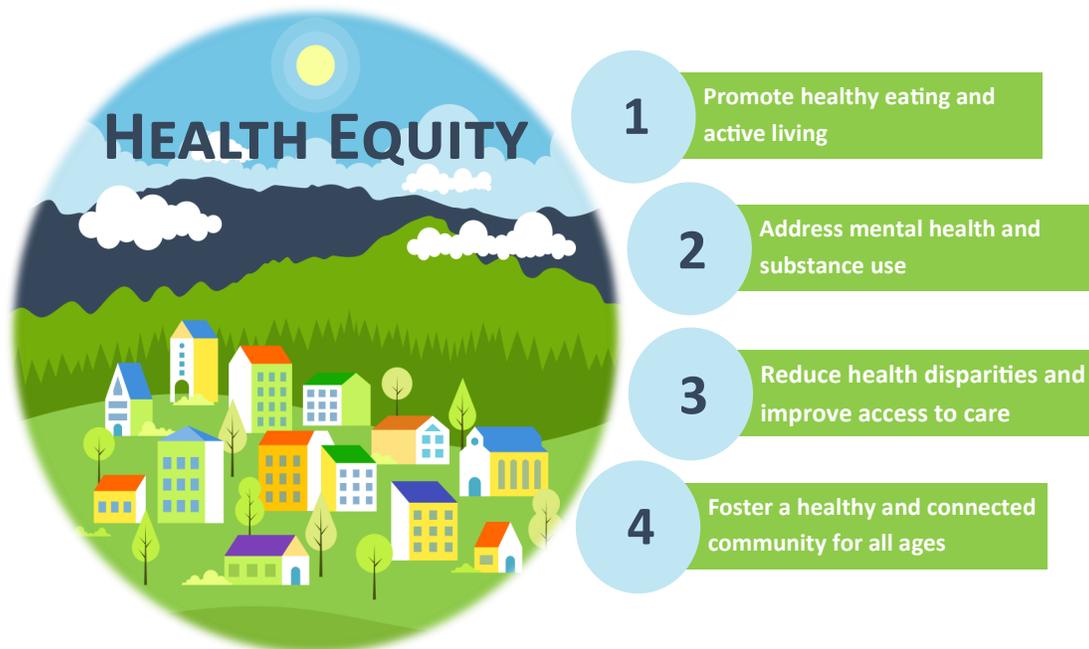
MAPP2Health:

Mobilizing for Action through Planning and Partnerships (MAPP) is a strategic framework for organizations, coalitions, and residents to work together for action and sustainable change toward improved health and well-being for all. Since 2007, organizations and residents of Planning District 10, also known as TJHD, have used the MAPP framework to assess community health across the district in the City of Charlottesville and counties of Albemarle, Fluvanna, Greene, Louisa, and Nelson. This process is known locally as MAPP2Health or MAPP.

Representatives from 146 agencies, departments, communities, and community coalitions participated in the 2019 MAPP2Health process.

Through a series of meetings across the district, participants learned about health equity, reviewed data, and discussed community health priorities. Councils and organizations within each locality had the opportunity to apply for a MAPP-specific grant to move forward implementation projects designed to address one or more of the MAPP priorities.

The recently released *2019 MAPP2Health Report* contains an overview of the communities making up the planning district, cultural and community assets, best practice recommendations, and community health assessment data organized by MAPP2Health priority. To download a copy, visit www.vdh.virginia.gov/thomas-jefferson/plan-mapp2health/

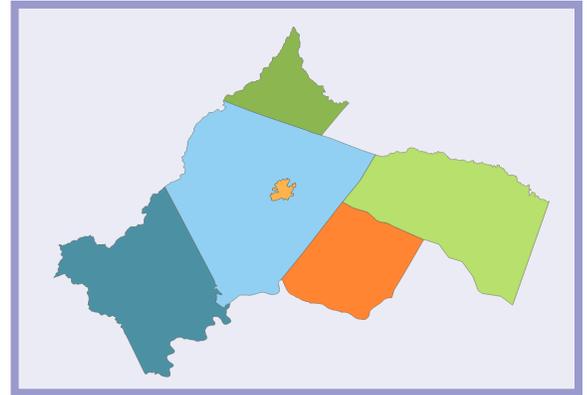


MAPP VISION: TOGETHER WE WILL ACHIEVE EQUITABLE ACCESS TO RESOURCES FOR A HEALTHY, SAFE COMMUNITY.

MAPP2HEALTH PUBLIC DATA ON TABLEAU:

TJHD partnered with MAPP Core Group to host a Tableau Public page that shares data dashboards related to MAPP2Health priority areas and other public health topics. These dashboards use interactive maps, charts, and tables to make data more approachable than a standard spreadsheet. The MAPP2Health Tableau Public page can be found at:

<https://public.tableau.com/profile/thomas.jefferson.health.district#!/>



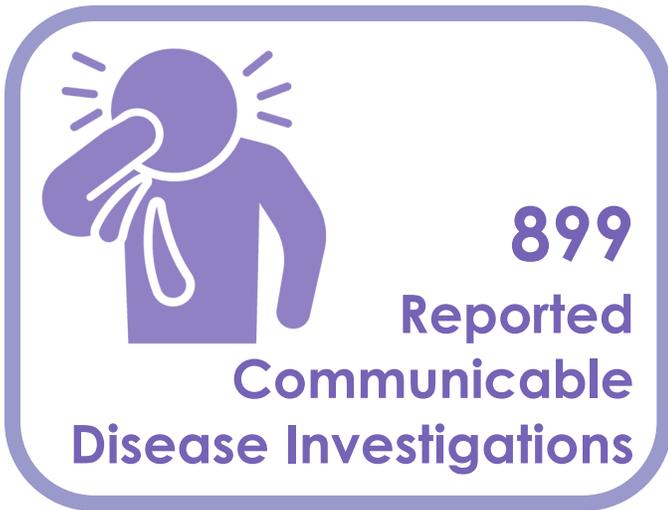
OPIOID ADDICTION EPIDEMIC AND TJHD RESPONSE:

Virginia State Health Commissioner, Dr. Norm Oliver, has re-affirmed the 2016 declaration of a Public Health Emergency due to the growing number of opioid overdoses in Virginia. TJHD is responding to this opioid addiction crisis and public health declaration by:

1. Staffing an Opioid Response Outreach Coordinator (OROC). In spring 2019, TJHD received funds to hire a short-term contract position to address the opioid addiction crisis in our district. TJHD's OROC is creating new education materials for preventing opioid abuse and educating providers about safe prescribing practices.
2. Hosting REVIVE! trainings to educate local law enforcement and community members about opioid overdose and how to administer Naloxone.
3. Participating in the local Community Mental Health and Wellness Coalition – responsible for implementing the MAPP2Health priority area *Address Mental Health and Substance Use*.
4. Participating in the local Opioid Stakeholders Group and managing the Prescribers/Healthcare Providers Workgroup dedicated towards reducing opioid prescriptions.
5. Distributing thousands of free medication disposal kits (pictured to the right) to partner agencies and community members, which provide a safe, convenient deactivation and disposal method for prescription drugs.
6. Providing naloxone (NARCAN®) free of charge to community members, first responders, and other agencies, to prevent fatal overdoses.



COMMUNICABLE DISEASE:



TJHD investigates communicable disease reports from healthcare providers and labs to identify community health problems. When communicable disease outbreaks occur, TJHD works to determine the source and to stop the spread of disease through education, infection control measures, post-exposure prophylaxis recommendations, community surveillance, and immunization. TJHD also conducts surveillance in conjunction with the state, by monitoring health data from emergency departments and urgent care centers, which adds to the tracking surveillance data. These practices assist the epidemiologist and communicable disease staff to quickly identify, respond to, and prevent disease outbreaks.

EPIDEMIOLOGY AND PREVENTION:

TJHD investigates the communicable disease reports and for many of them, discusses the report with the community member affected. This is an opportunity to assess the knowledge that a community member may have about the disease and offer verbal and written educational information. The information includes transmission, incubation, risk factors, and common sources of the disease. A goal in this education is to empower the individual with education to prevent this illness in the future for themselves and their family members.

The TJHD Epidemiology Team also answers community questions via phone or email or in-person presentations regarding communicable diseases. There is also outreach through email group lists and blast faxes to district schools and healthcare facilities with current communicable disease information or new recommendations.



DISEASE INTERVENTION SPECIALIST:

The Disease Intervention Specialist (DIS) serves an important role in sexual health care and prevention efforts. TJHD's DIS is responsible for creating a plan of action for positive STI lab reports for syphilis and HIV. This includes disclosing positive results to the patient, coordinating linkage to care, and providing personalized risk reduction counseling. The DIS also locates, educates, and coordinates testing/treatment for individuals identified as close contacts to those with active infections. The DIS maintains a close relationship with internal and external testing sites and clinics to provide counseling and education to staff or patients as the need arises.

ESSENTIAL SERVICE 2 - DIAGNOSE AND INVESTIGATE HEALTH PROBLEMS AND HEALTH HAZARDS IN THE COMMUNITY

SEXUAL HEALTH CLINICS:



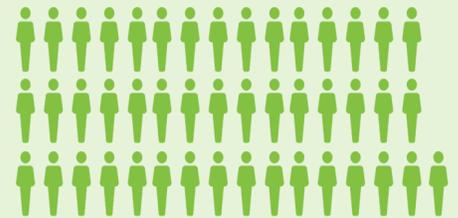
Sexual health clinics offer testing for a variety of sexually transmitted infections (STI), as well as appropriate follow-up and education. TJHD is a leader in sexual health and has strived to make the clinic LGBTQ+ friendly and inclusive to all to decrease the stigma associated with STI testing. TJHD offers HIV prevention medication (PrEP) case management services to anyone at high risk of getting HIV.

TEST & GO:

In March 2019, TJHD started an evening free and expedited STI testing clinic to decrease barriers to care. Clients are in and out of testing within 20 minutes of arrival.



Clients served

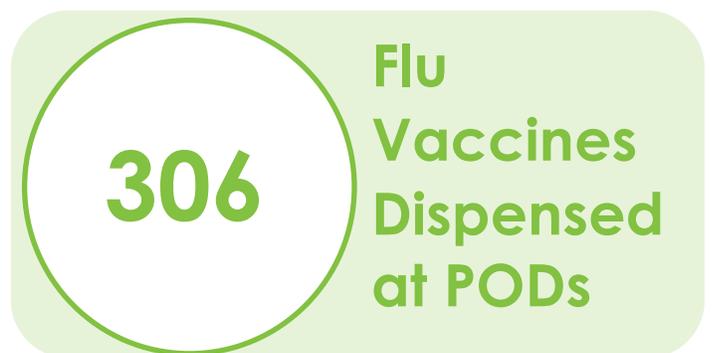


POINTS-OF-DISPENSING (PODs):

During certain public health emergencies (e.g. pandemic influenza or “flu”), TJHD is responsible for providing widespread and free access to potentially life-saving antibiotics or vaccine to the public. The primary method for providing access is through Points-of-Dispensing, or PODs.

PODs are located within gymnasiums or cafeterias with easy access and set-up to rapidly dispense antibiotics or vaccine. Each fall, TJHD conducts flu vaccine POD exercises to provide free access to the seasonal flu vaccine.

The exercises test the District’s ability to set-up and operate PODs. Federal grants from the Centers for Disease Control and Prevention (CDC) and the Virginia Department of Health cover the cost of the exercises including the vaccine.



In FY19, TJHD conducted one open POD in Greene for all members of the community. TJHD also conducted two closed PODs for specific subsets of the community (Women’s Midlife event in Charlottesville and staff at the Lodge at Old Trail in Albemarle County).

ESSENTIAL SERVICE 3 - INFORM, EDUCATE, AND EMPOWER PEOPLE ABOUT HEALTH ISSUES

COMMUNITY OUTREACH & EDUCATION:

In FY19, TJHD conducted **4 mass media campaigns**, which included the development of advertisements promoted via TV, radio, digital, social media, and newspapers. These campaigns were paired with health education materials distributed at community events, along with monthly newspaper articles, TV interviews, and:

- 22** community events & health fairs
- 600** students received family life curriculum on contraception and tobacco/nicotine use.
- 82** community-based HIV & Hepatitis C testing events

TJHD's Public Information Officer also disseminated 20 press releases to inform the public on a variety of topics such as harmful algae blooms, back-to-school vaccines, vaping/JUULing, new food service regulations, and more.

FOOD SAFETY TRAINING PROGRAM:

TJHD Environmental Health Specialists educate commercial foodservice operators, volunteer organizations, and the general public to minimize risk and the spread of disease through consumption of contaminated food. Education focuses on the risks most often linked to the occurrence of foodborne illness. In collaboration with local partners, TJHD delivers food safety manager certification courses and food handler training classes to the food service industry, non-profit organizations, and consumers.



TJHD staff at 2018 Cville Pride



TJHD staff at 2018 SPARC Walk of Hope in Louisa County

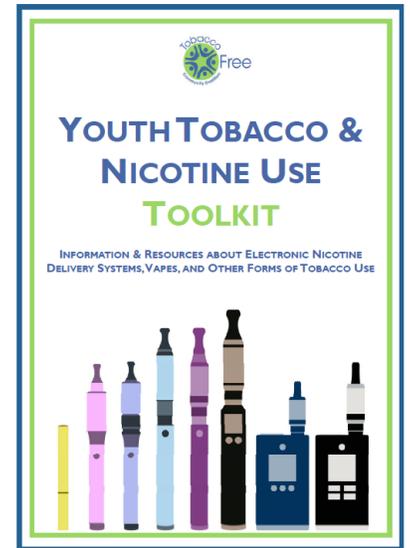


COMMUNITY TOBACCO CESSATION AND PREVENTION:

Youth Tobacco & Nicotine Use Toolkit

In partnership with TJHD and the University of Virginia Cancer Center, the Tobacco Free Community Coalition launched a *Youth Tobacco & Nicotine Use Toolkit*. This toolkit was developed in response to local demands from schools and parents to learn about the dangers of electronic nicotine delivery systems (ENDS), like e-cigarettes, vapes, and JUULs.

The *Youth Tobacco & Nicotine Use Toolkit* provides resources for addressing youth ENDS use and aims to prevent middle and high school students' use of tobacco and nicotine. Parents, teachers, school administrators, and students can use this toolkit as a resource for research, school curriculum, parent education, and cessation resources. The toolkit can be found at www.TJHD.org.



Quit Now Virginia

Quit Now Virginia provides free evidence-based behavioral support through trained Quit Coaches 24 hours per day, 7 days a week.

Quit Smoking Classes

TJHD collaborated with community partners to host two sessions of Quit Smoking Charlottesville, one session of Quit Smoking Louisa, and one session of Quit Smoking Fluvanna. The classes provide individuals who want to quit tobacco with resources and skills to quit.

140 TJHD residents contacted Quit Now or participated in Quit Smoking Classes

HARMFUL ALGAE BLOOMS:

TJHD has partnered with the Virginia Harmful Algal Bloom (HAB) Task Force to conduct monitoring and surveillance for HAB species, to respond and investigate HAB events, and inform and educate the public of the harms of HAB events. THE HAB Task Force—comprised of the Virginia Department of Health (VDH), the Virginia Department of Environmental Quality, Old Dominion University, and the Virginia Institute of Marine Science at the College of William and Mary—monitors Virginia's waters for harmful algae to prevent any illness that may be caused by these organisms. In FY19, TJHD monitored harmful algae blooms at **Chris Greene Lake** (Albemarle County) and **Lake Anna** (Louisa County). Through press releases, signage, and partnerships with local businesses, TJHD was able to minimize exposure of individuals to the contaminated water.

ESSENTIAL SERVICE 4 - MOBILIZE COMMUNITY PARTNERSHIPS AND ACTION TO IDENTIFY AND SOLVE HEALTH PROBLEMS

EMERGENCY PLANNING AND RESPONSE (EP&R):

In FY19, TJHD responded to two large-scale events in the health district.

Event 1: From August 10 – August 13, 2018, TJHD’s Emergency Preparedness and Response Program coordinated Emergency Support Function 8: Public Health and Medical activities during events associated with the one-year anniversary of the Unite the Right Rally and civil unrest that occurred in 2017. In this capacity, TJHD facilitated information sharing, filled resource requests, and assured access to a variety of public health and medical resources. 10 TJHD and VDH employees—located at the Emergency Operations Center, Unified Command Post, designated behavioral health site, and the Joint Information Center—worked a total of 304 hours.

21 Thomas Jefferson Medical Reserve Corps volunteers gave more than 210 hours, at an estimated value of \$5,624, working August 10 – 13.

Event 2: In December 2018, TJHD responded to a water emergency in Louisa following detection of an unknown substance in the water. Staff from Public Health Nursing, Office Support Services, Environmental Health, and the EP&R Program working alongside numerous local and state partners to protect the public health. Four employees from Environmental Health facilitated information sharing with VDH’s Office of Drinking Water (ODW) contacted 18 restaurants to provide instructions on how close and reopen due to the contamination. Eight nurses and office support staff worked with the Department of Social Services to open, operate, and demobilize an emergency shelter for approximately 100 residents displaced due to concerns over the contamination. TJHD Emergency Preparedness & Response coordinated with VDH, ODW, and the Northwest Region Healthcare Coordination Center to facilitate information sharing, assure resource availability for a long-term care facility, and provide situational awareness for local and state agencies.

FY19 MRC Volunteer Accomplishments



271 MRC
volunteers



contributed
576 hours



valued at
\$15,722

FOOD EQUITY INITIATIVE:

In October 2018, TJHD staff presented to Charlottesville City Council on the Food Equity Initiative, which passed with an allocation of \$65,000. The initiative is the result of more than a year of work by TJHD staff, community partners, Council members, and City staff to build this proposal around the MAPP2Health priority area to “Promote Healthy Eating and Active Living.” In addition to the presentation, the Charlottesville Food Justice Network shared a petition in support of the proposal, signed by more than 300 community members and 30 agencies.

Year One goals were as follows:

- Compile & disseminate research including an analysis of the local food system
- Establish mechanisms for community voice and lived experience
- Plan for sustainability (\$50,000 has already been pledged by local foundations)
- Provide expertise and recommendations to decision-makers on improving local practice and policy including additions to the City's Comprehensive Plan
- Identify and apply for opportunities to highlight the City's food equity work

The Food Equity Initiative Coordinator is housed at the Charlottesville Food Justice Network, a program of City Schoolyard Garden, which serves as fiscal agent for the initiative.

YANCEY SCHOOL:

In December 2017, health department staff met with the BF Yancey Transition Advisory Committee to discuss ideas for how the former elementary school could be used to promote health and wellness. Using a federal grant, TJHD's Population Health Manager and Healthy Communities Coordinator provided hand weights for community exercise classes, participated in community forums for how the building could be used to address community needs and provided food and facilitation for a community celebration and planning session. TJHD is also developing a proposal for providing health department services one day per month to improve access for community members and is partnering with Albemarle County staff and advisory committee members on grant applications to support a community garden, farmer's market, walking trails and building renovations to allow for clinical space.



Rebecca Schmidt (TJHD) and Jeanette Abi-Nader (City Schoolyard Gardens) presenting to Charlottesville City Council on the Food Equity Initiative



Yancey School Community Center Open House, March 9, 2019

ESSENTIAL SERVICE 5 - DEVELOP POLICIES AND PLANS THAT SUPPORT INDIVIDUAL AND COMMUNITY HEALTH EFFORTS

EMERGENCY PREPAREDNESS & RESPONSE (EP&R) AND PROJECT PUBLIC HEALTH READY (PPHR):

Threats to the public health exist within natural, man-made, or accidental emergencies. The Emergency Preparedness and Response Program (EP&R) at TJHD works with community partners to identify those threats to public health, develop plans to prevent or mitigate potential impacts, and coordinate response and recovery efforts. TJHD is a Coordinating Agency for Emergency Support Function 8 (ESF-8): Public Health and Medical. Other ESF-8 agencies and organizations include local hospitals, emergency medical services agencies, the community services board, and public schools. The EP&R Program provides ongoing training for staff to build internal capacity and capability and conducts a series of exercises to test TJHD's ability to respond to public health



emergencies. TJHD is recognized as a Project Public Health Ready (PPHR) health department. The PPHR program is a competency-based program administered by the National Association of

County and City Health Officials (NACCHO) recognizing local health departments for exceptional work in the area of public health emergency preparedness. TJHD meets or exceeds nationally recognized standards emphasizing all-hazards preparedness planning, workforce capacity and development, and demonstrating capacity and capability through exercises and responses to real-world events. In FY20, TJHD will begin the re-recognition process to maintain our PPHR status.



TJHD staff and a MRC volunteer at the Fluvanna County Full-scale Shelter Exercise on May 30, 2019

ESSENTIAL SERVICE 6 - ENFORCE LAWS AND REGULATIONS THAT PROTECT HEALTH AND ENSURE SAFETY

ENVIRONMENTAL HEALTH:

Food service establishment inspections: **1,636**

Permitted food service establishments: **985**

Sewage disposal system applications received: **1,021**

Well permit applications received: **778**

TJHD Environmental Health includes Food Protection, Onsite Sewage Disposal/Water, and General Environmental Health programs. Staff provide education to the public and agencies to protect and promote the health of the community, and ensure safety by enforcing regulations and laws.

Please see the Appendix on page 22 to learn more about what TJHD's Environmental Health team has accomplished, such as the number of well and sewage disposal system applications received and approved and the number of public swimming pools that were permitted in FY19.

VITAL RECORDS:

15,827
vital records
processed

The Vital Records (VR) Office records deaths and issues death certificates. Starting in December 2017, TJHD expanded its services to also offer birth, marriage, and divorce certificates. TJHD offers same day service to walk-in customers for ease and convenience.

IMMUNIZATIONS:

The Immunization Program promotes required and recommended childhood and adult immunizations, as well as flu outreach to local businesses and private school staff. TJHD provides back to school clinics at all localities every August prior to the start of school so that parents can meet the requirements necessary for enrollment. Vaccines are provided for the general public on an appointment or a walk in basis for routine vaccines as well as overseas and rabies vaccines.

Early in 2019, Virginia declared a statewide outbreak of Hepatitis A. TJHD has been actively pursuing opportunities to provide Hepatitis A vaccines to the risk groups identified by the state. TJHD has provided Hepatitis A vaccines at The Haven, the Albemarle/Charlottesville Regional Jail, and Addiction Recovery Systems, as well as to food handlers, and clients in our STI and PrEP clinics.



2,366 clients
served in
immunization clinics

CHARLOTTESVILLE AREA SAFE SLEEP PROGRAM:

The Charlottesville Area Safe Sleep Program is a community effort that educates parents and caregivers about the importance of safe sleep practices in the prevention of SIDS and SUID. We collaborate with 10 local agencies, throughout the health district, to identify high-risk households meeting income and other program guidelines. Free, portable cribs are provided to these families so infants have a safe to sleep.

SAFETY SEAT DISTRIBUTION AND EDUCATION PROGRAM:

TJHD participates in a statewide program to provide child safety seats and education free of charge to eligible families. This program connects families with the necessary resources to comply with state laws for safely transporting infants and children in vehicles. The 2 hour class is taught by either a Low Income Safety Seat Distribution and Education Program (LISSDEP) Educator or Child Passenger Safety Technician. The class is available in any language, including American Sign Language. Additionally, assistance with vehicle safety seat installation is available by appointment.



382 car seats distributed

COMMUNITY HIV TESTING (CHT)

TJHD offers rapid HIV and Hepatitis C testing in non-clinical settings, focusing on those at highest risk of transmission. Active referrals for those who test positive or are in need of additional services are provided, along with free safer sex items and education classes to individuals and groups within TJHD.

The tests conducted during 2019 encompassed several new and previous sites totaling 24 unique testing locations, including health events, places of worship, nightclubs, mental health support groups, and substance abuse recovery classes. The expansion of testing sites was due, in part, to a new agreement with Region 10 that allows for classes and testing to be held at any Region 10 facility in the TJHD. This new partnership provides direct access to education, testing, and other resources to vulnerable populations receiving services through the Community Services Board. Additionally, in 2019, a new component of at-home testing was incorporated into the community testing program. This resource, which was featured on several media outlets' coverage of National HIV Testing Day, allows accurate, private testing in the security of one's own home if they are unable to access care for conventional testing.



514
HIV tests provided



125,678
Safer sex items distributed



413
HCV tests provided

ESSENTIAL SERVICE 7 - LINK PEOPLE TO NEEDED PERSONAL HEALTH SERVICES AND ASSURE THEIR HEALTH CARE WHEN OTHERWISE UNAVAILABLE

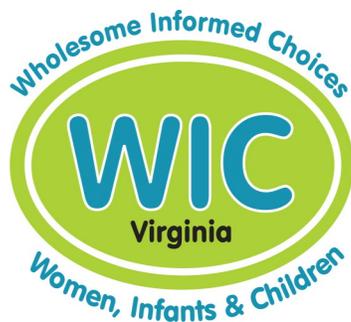
SOAR (SSI/SSDI OUTREACH, ACCESS, AND RECOVERY):



SOAR is a nationwide initiative that improves access to Social Security Administration (SSA) benefits for eligible adults who are experiencing or at risk of homelessness and have a mental illness, medical impairment, and/or a co-occurring substance use disorder. Since the initiative was brought to TJHD in May of 2016, 61 individuals have received their benefits, resulting in an increase in income to those individuals of nearly \$300,000 in back pay, and

roughly \$45,000 per month in benefits. These clients are linked with affordable housing resources and are also eligible for Medicaid or Medicare, which can be used to cover past and future medical costs.

WOMEN, INFANTS AND CHILDREN (WIC):



Goals of the WIC program are to promote breastfeeding, improve pregnancy outcomes, and support the healthy growth of children. Women who are pregnant, postpartum and breastfeeding receive nutrition

education, breastfeeding support, and supplemental food benefits. Infants and children, up to age five, receive supplemental food benefits, nutrition education, and referrals to local resources.

Total WIC Clients:

29,934



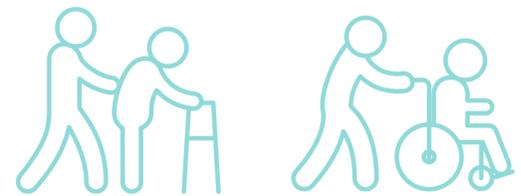
FAMILY PLANNING:

The mission of TJHD's Family Planning Program is to provide quality reproductive services to vulnerable populations. TJHD is dedicated to reducing the number of unintended pregnancies through clinic services and community outreach and education. TJHD provides education and counseling to prepare clients to make informed family planning decisions. To help plan and space pregnancies, TJHD offers a variety of birth control methods and encourage the use of long acting reversible contraception when appropriate. To ensure healthy pregnancies, TJHD suggests that clients maintain a healthy lifestyle and take advantage of free folic acid supplements prior to and during pregnancy to boost the infant's healthy development.

886 Family Planning Clients
1,688 Family Planning Clinic Visits

NURSING HOME & COMMUNITY BASED CARE SCREENINGS:

TJHD conducts in home EPAS (Electronic Preadmission Screening) screenings of children and adults to determine eligibility for those who require long term services and support as a result of age or disability. The screening can provide aid for those transitioning into nursing facilities or additional home-based care that allows an individual to safely stay in his or her home. The screening can also provide parents who are caring for children with disabilities the additional support required to ensure their child is safe and well cared for.



600 Pre-admission Screenings

REFUGEE HEALTH SCREENINGS:

The TJHD Newcomer Health Program provides the initial health screening (including assessment and immunizations) for new refugees within 45 days of their arrival to the United States. Appropriate follow-up with partner agencies occurs to identify needs, concerns, and health conditions, thereby assisting with their resettlement process. TJHD client numbers decreased from last fiscal year due to federal government regulations. Certifications have seen a decrease as well because of changes within the application process. Charlottesville and Albemarle are the resettlement areas for refugees, so no other localities are included in FY19 data.

144 Refugee Clients Served in **204** Visits

ESSENTIAL SERVICE 8 - ASSURE COMPETENT PUBLIC AND PERSONAL HEALTH CARE WORKFORCE

KRESGE GRANT:

TJHD is one of 20 health departments from across the country selected to participate in the third cohort of the Kresge Foundation's Emerging Leaders in Public Health Initiative. This initiative provides public health leaders with opportunities to build new knowledge and skills to tackle a major public health challenge, and a grant of nearly \$125,000. TJHD is using the technical assistance and funding to become an equity accelerator by 1) changing agency policies and operations to model equity as an organization and 2) partnering with communities in building health equity through workforce training programs, data sharing, and storytelling. In March 2019, TJHD launched an internal equity committee and is in the process of incorporating ongoing health equity training into required staff onboarding and development.



COMMUNITY HEALTH WORKERS (CHWs):

In summer 2019, TJHD and Piedmont Virginia Community College (PVCC) co-hosted an information session for employers and potential employers on the value and impact of community health workers (CHWs). This convening was part of a broader outreach strategy to support a TJHD/PVCC partnership to launch a for-credit community health worker course at PVCC in spring 2020. Through a grant, TJHD will provide 20 scholarships for community members to complete the course. This partnership also includes PVCC's Network2Work Program that advocates for and works closely with employers to provide living wage jobs and career paths.

PUBLIC HEALTH ACCREDITATION:

The Public Health Accreditation Board (PHAB) recognizes local, state, tribal, and territorial health departments who meet or exceed nationally recognized standards and measures. PHAB's standards, measures, and framework focus on transforming and refining quality and performance. Applying for accreditation is voluntary and TJHD achieved accreditation status in 2015. PHAB grants accreditation for five-year periods and TJHD will apply for reaccreditation in 2020. To maintain accreditation, TJHD must demonstrate continual improvement in community engagement and collaboration, delivery of public health services and education, and administrative functions that support day-to-day operations.



TJHD Director presenting about CHW at PVCC in summer 2019

WORKFORCE DEVELOPMENT:

In FY19, TJHD finalized a new Workforce Development Plan to maintain a competent and valued public health workforce. During the planning process, TJHD adopted the nationally recognized Core Competencies for Public Health Professionals and identified four priorities for staff:

- Health Equity
- Community Dimensions of Practice
- Financial Management and Planning
- Communication

Training opportunities link directly to the core competencies and strategic priorities for the delivery of public health services and professional growth. In addition, the plan includes strategies to engage and retain high quality staff, develop new leaders in public health, and assure TJHD meets nationally recognized standards.

Training linked to the core competencies started in the final quarter of FY19 to develop skills in Health Equity and Communications:

65 employees totaling **130 hours** participated in health equity education

25 employees totaling **134 hours** participated in communications trainings

PUBLIC HEALTH ASSOCIATES AND LINKAGES WITH ACADEMIA:

TJHD added a third Public Health Associate from the Centers for Disease Control and Prevention through an extremely competitive matching process (only 30% applicants received an Associate). The new Associate is assigned to the Policy and Planning Division working on plans for supporting vulnerable populations during public health emergencies as well as workforce development.

In 2015, TJHD entered into an Memorandum of Understanding (MOU) with the University of Virginia for designation as an “academic health department.” This partnership resulted in unique classroom and field experiences providing students with direct contact with TJHD public health professionals. For example, 30 public health students observed/shadowed Environmental Health staff conducting restaurant and on-site sewage and water inspections over the past year.



Public Health Associates (pictured left to right)
Cindy Rosales, Ali Capriles, and Alexis Davis

ESSENTIAL SERVICE 9 - EVALUATE EFFECTIVENESS, ACCESSIBILITY, AND QUALITY OF PERSONAL AND POPULATION-BASED HEALTH SERVICES

ORGANIZATIONAL PERFORMANCE MANAGEMENT AND QUALITY IMPROVEMENT:

TJHD adopted a new Performance Management and Quality Improvement (PMQI) Plan to establish processes for developing and tracking performance measures and analyzing results to determine areas for growth and improvement.

To track the delivery of services as well as internal processes, TJHD developed or adopted measures that indicate levels of success or areas for improvement.



TJHD uses this pyramid to ensure that all of our services align with our mission and vision.

To meet our vision and mission, we developed goals and objectives in the MAPP2Health Report and TJHD Strategic Plan to guide the work done within units and programs. The goals and objectives also provide direction for our day-to-day operations to make sure all of our work supports our vision and mission.

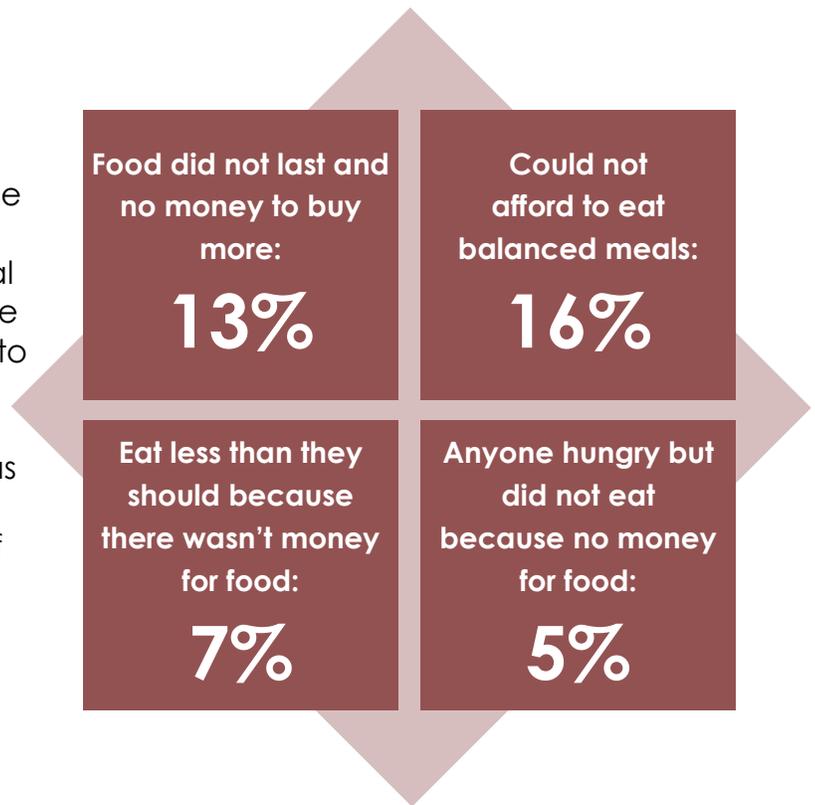
Collecting data in the Organizational Performance Management System gives TJHD "feedback" to determine if we are meeting the District's vision and mission or if we need to use a Quality Improvement process to make changes to how TJHD delivers services.



ESSENTIAL SERVICE 10 - RESEARCH NEW INSIGHTS TO PROBLEMS

COMMUNITY HEALTH SURVEY:

In July, 2018, a survey was mailed to three thousand adults in the district. Questions included housing characteristics, general health, healthy and harmful habits, desire and ability to age in place, and access to healthcare and to food. The data was made available to agencies and non-profits in the community and used as part of the triannual community health assessment. To the right is an example of the response to a survey question about access to food.

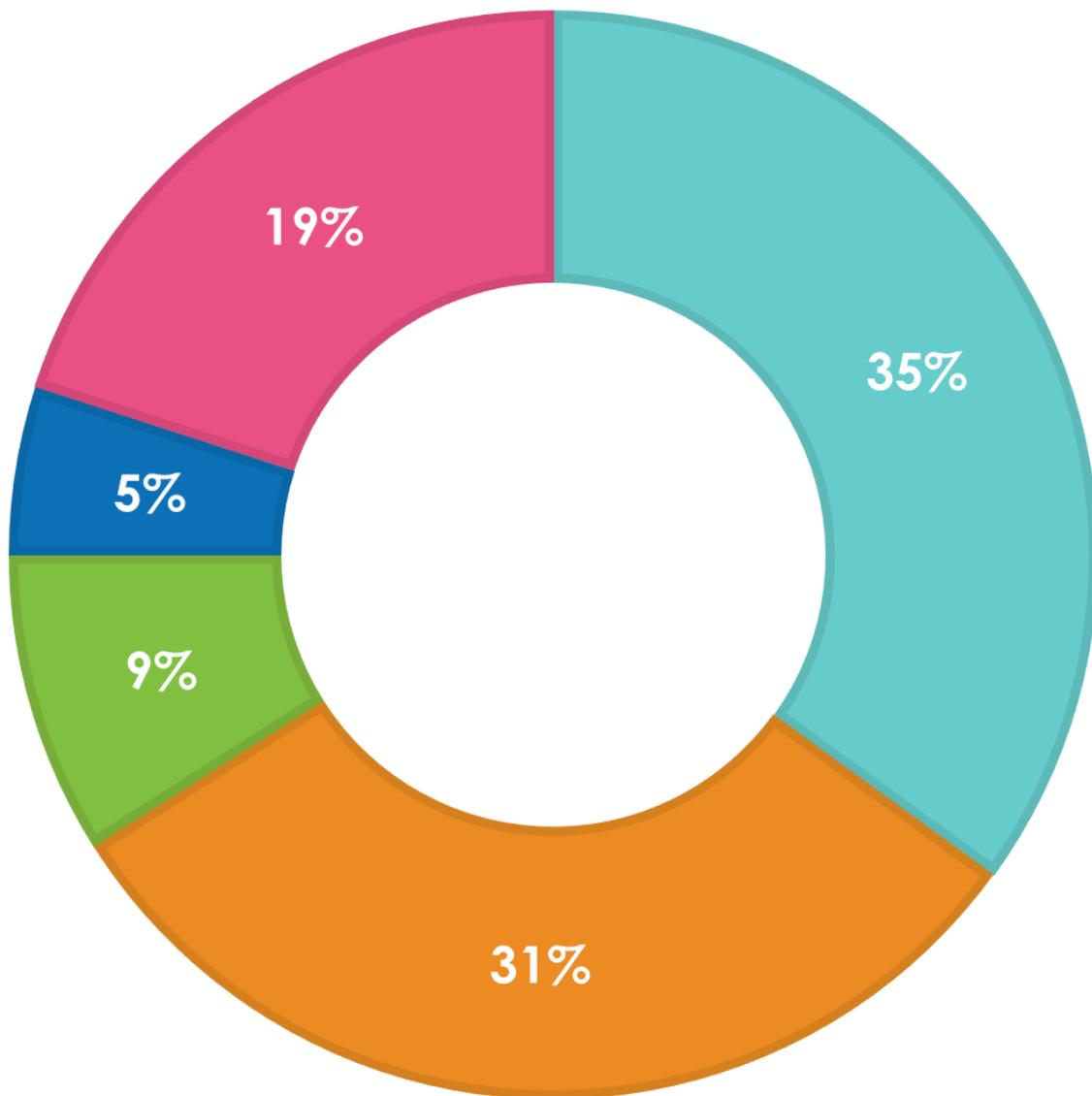


LIFE EXPECTANCY:

Where you live (zip code) can have a bigger impact on life expectancy and state of health than your genetic code. Life expectancy at birth is a key population health measure used to gauge health and longevity. In 2018, the district initiated and completed a project to determine life expectancy by census tract for mortality data from 2008-2012. The data shows a 10 year difference by census tract with the largest variation being in the City of Charlottesville. The estimated life expectancy at birth for TJHD (all races) was 80.6 years old. However, racial disparities exist in our district. The estimated life expectancy for TJHD's non-Hispanic white population was 81.2 years of age while the estimated life expectancy for TJHD's non-Hispanic black population was 74.7 years of age. Data was only available for white and black residents at the time of analysis and is not representative of potential disparities in other racial or ethnic groups in TJHD.

TJHD Life Expectancy:	
All Races	80.6 Years of Age
White (alone, non-Hispanic)	81.2 Years of Age
Black (alone)	74.7 Years of Age

BUDGET (INCOME):



■ State Funding

■ Local Funding: Each locality contributes to operating expenses

■ Clinic Revenue: While TJHD bills for all clinical services, no one is turned away for inability to pay

■ Services Revenue: Includes all permit and vital records fees

■ Grants/Awards

APPENDIX:

Environmental Health Services		Numbers Completed
Food service establishment inspections conducted		1,636
Food handlers trained under food safety program		277
Permitted food service establishments		985
Sewage disposal system applications processed		1,021
Well permit applications processed		778
Public swimming pools permitted		53
Temporary events permitted		148
Temporary event vendors permitted		595
Rabies cases investigated		609
Positive rabies animal cases		4
Clinical Service	Client Count	Clinic Visits
Family planning	886	1,688
Immunization Clinic	2,366	2,798
Immunization for overseas travel	112	115
Refugee health screening	144	204
Sexual health clinic	1,029	1,466
Tuberculosis (TB) screening	1,845	1,060
WIC	29,934	6,326
Pre-admission screening	600 encounters	n/a

DEFINITIONS AND ACRONYMS:

AIDS: Acquired Immunodeficiency Syndrome
CHA: Community Health Assessment
CHIP: Community Health Improvement Plan
CHT: Community HIV Testing
CMHWC: Community Mental Health and Wellness Coalition
CRHA: Charlottesville Redevelopment and Housing Authority
CHW: Community Health Worker
DIS: Disease Intervention Specialist
DMT: District Management Team
EP&R: Emergency Planning and Response
EPAS: Nursing Home and Assisted Living screenings
ESF-8: Emergency Support Function 8
FY19: Fiscal Year 2017 (July 1, 2018-June 30, 2019)
HAB: Harmful Algal Bloom
HIV: Human Immunodeficiency Virus
HOPWA: Housing Opportunities for Persons with AIDS
HUD: Housing and Urban Development
LGBTQ+: Lesbian, Gay, Bisexual, Transgender, Queer, and others
MAPP2Health: Mobilizing for Action through Planning and Partnerships
MOU: Memorandum of Understanding
NACCHO: National Association of County and City Health Officials
ODW: Office of Drinking Water
PHAB: Public Health Accreditation Board
PHAP: Public Health Associate Program
POD: Point-of-Dispensing
PPHR: Project Public Health Ready
QI: Quality Improvement
SOAR: Social Security Income, Social Security Disability Insurance, Outreach, Access, and Recovery
SSI: Social Security Income
SSDI: Social Security Disability Insurance
STI: Sexually Transmitted Infection
TJHD: Thomas Jefferson Health District
TJMRC: Thomas Jefferson Medical Reserve Corps
THRIV: Translational Health Research Institute of Virginia
VDH: Virginia Department of Health
VR: Vital Records
WIC: Women, Infants, and Children