



Annual Report 2019



Public Health
Prevent. Promote. Protect.



Mission

Champion positive health outcomes and behaviors through innovative programs and community engagement

Vision

Advancing the health and safety of Jefferson County

Values

Innovation
Passion
Adaptability
Integrity
Accountability

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Director's Letter



The JCHD team reflected this summer over our work during the past three years as we embarked on a new strategic plan to guide agency efforts. What appeared at first to be a major stretch for our agency turned into some of the most dramatic (and exciting) growth our agency has experienced in its history. The spark of our first ever voter approved tax increase, fueled by the energy of developing community partnerships and a transitioning focus to community-based services increased our ability to expand access to care for all residents.

Access to care took on many forms: all JCHD offices were reopened on Fridays for five days of service, program staff increased 65%; adding additional services such as dietitian counseling, lifestyle coaches, substance abuse prevention and wellness clinics, as well as additional access points such as the new High Ridge clinic and mobile units for senior dental and wellness services. With each addition, our goal was to fill a need or eliminate a gap, yet stay mindful that our agency alone cannot do it all.

In order to address the challenges that keep residents from accessing care, we also worked to address the challenges and support the needs of our community peers that serve our very same residents. Our aim is to build a stronger public health system where all residents will benefit from local stable service provision. Our Jefferson County Health Network works with dozens of other agencies to strategically address major issues impacting services in our county – provider recruitment and retention, coordinated referral among agencies and increasing health literacy of residents.

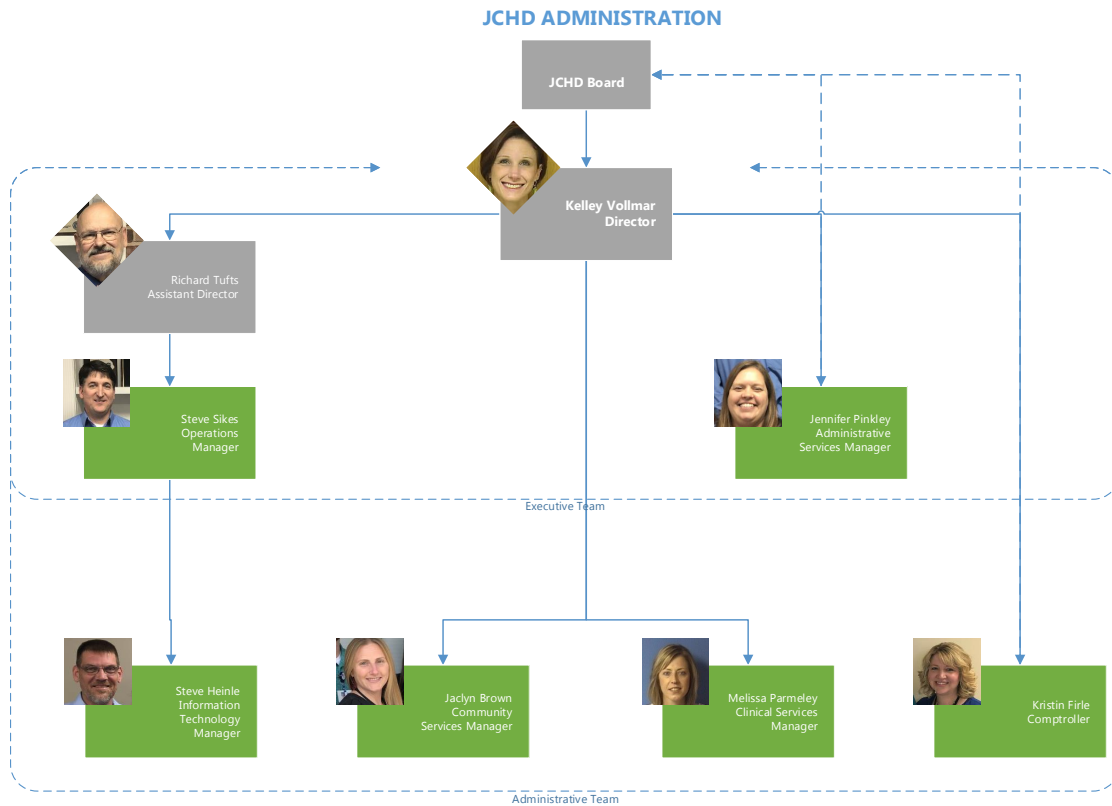
JCHD has opened its doors to community partners who provide access to services in high need. Our partnership with Provident has increased the number of individuals with access to mental health counseling services by sharing offices in our health centers in High Ridge and Hillsboro. Another partner, Walker Scottish-Rite is co-located in our Arnold office providing on-site speech therapy for county youth.

As we look forward to the next few years, we will continue to focus on our mission, to “champion positive health outcomes and behaviors through innovative programs and community engagement.” The amazing creativity and determination of our talented staff has built the infrastructure and relationships needed to positively impact the health and safety of all Jefferson County residents. Their passion, adaptability, integrity, accountability and innovation are the strength upon which our programs flourish.

It is my honor to present you with their 2019 Annual Report.

Kelley K. Vollmar

Organizational Structure



Administration



From back: Steve Sikes, Richard Tufts, Jennifer Pinkley, Kelley Vollmar

Board



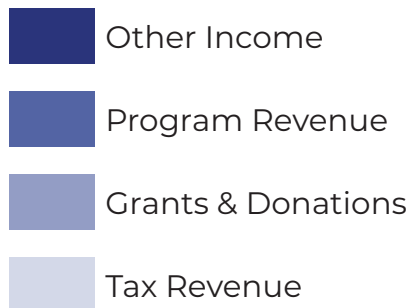
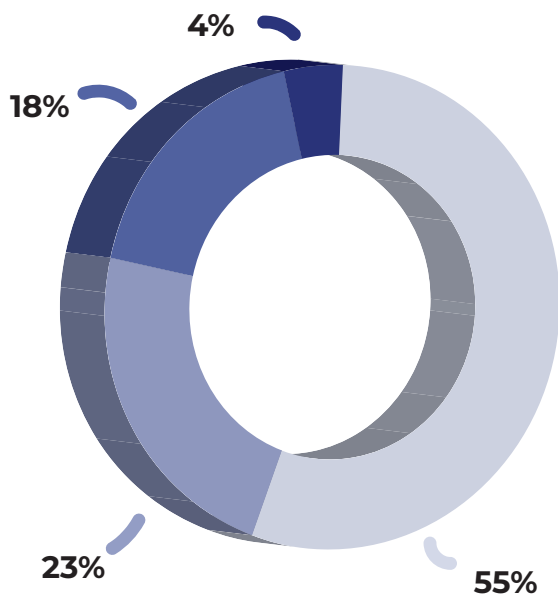
From back: James Prater, Dr. Amber Henry, Dr. Vernon Cherry, Tim Pigg, Dennis Diehl

Financial Profile

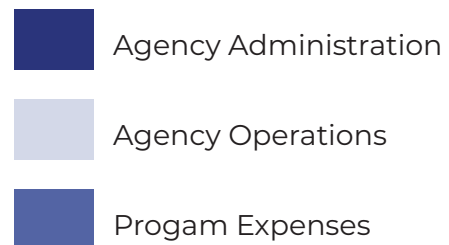
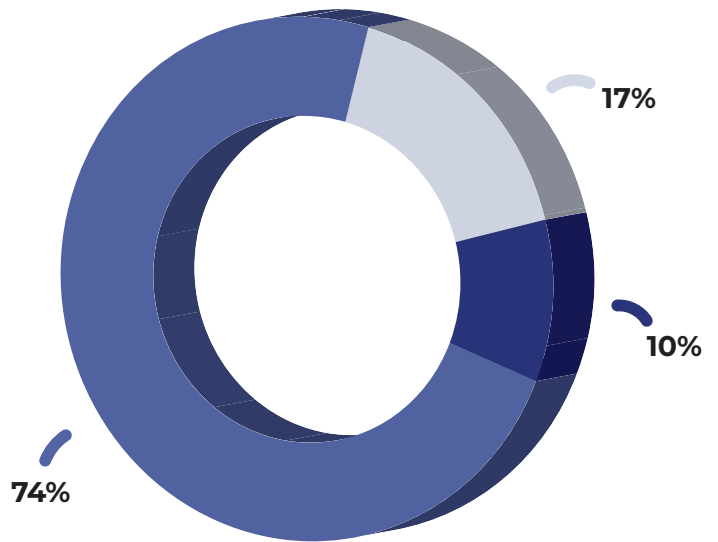
Income

| | | |
|--------------------|-----|--------------------|
| Grants & Donations | 23% | \$1,598,021 |
| Program Revenue | 18% | \$1,226,362 |
| Other Income | 4% | \$294,532 |
| Tax Revenue | 55% | \$3,790,785 |
| Total | | \$6,909,700 |

Agency Revenue Source (2019)
(unaudited)



Agency Expense by Category (2019)
(unaudited)



Expenses

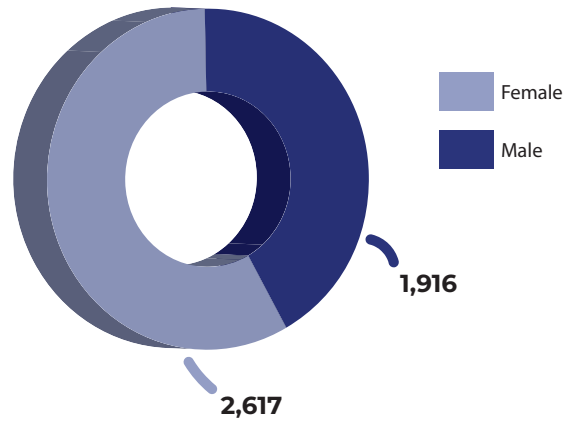
| | | |
|-----------------------|-----|--------------------|
| Agency Administration | 10% | \$665,162 |
| Agency Operations | 17% | \$1,151,523 |
| Program Expenses | 74% | \$5,085,372 |
| Total | | \$6,902,057 |

Client Demographics

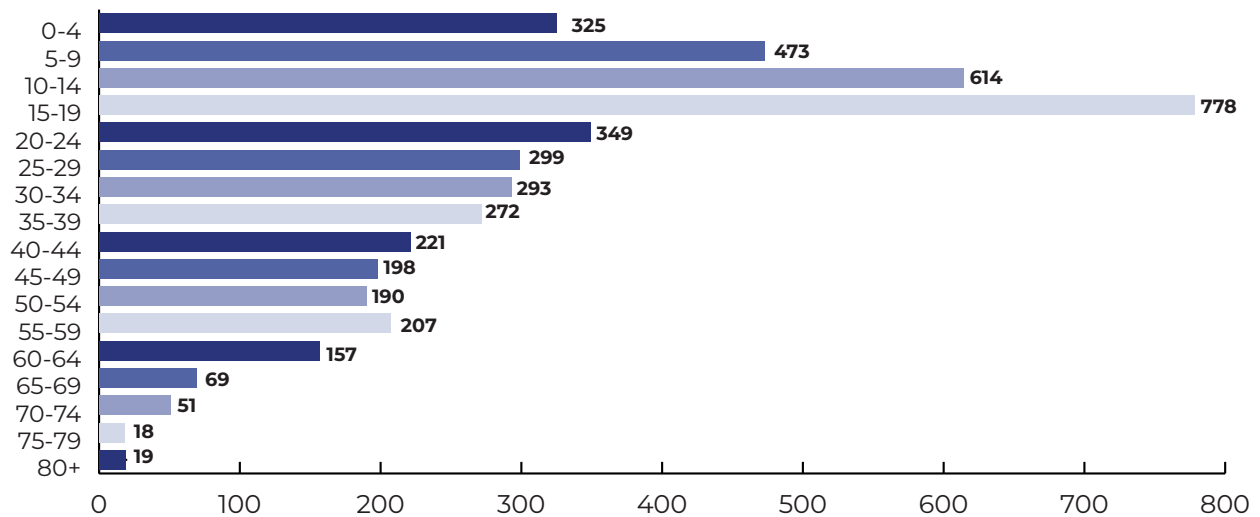
4,533
patients served

11,561
acknowledged appointments

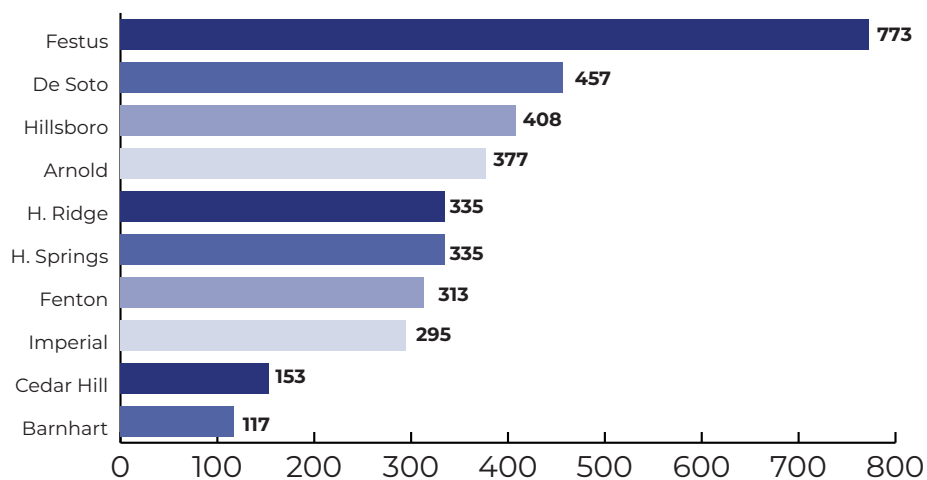
Patients Seen by Gender



Patients Seen by Age

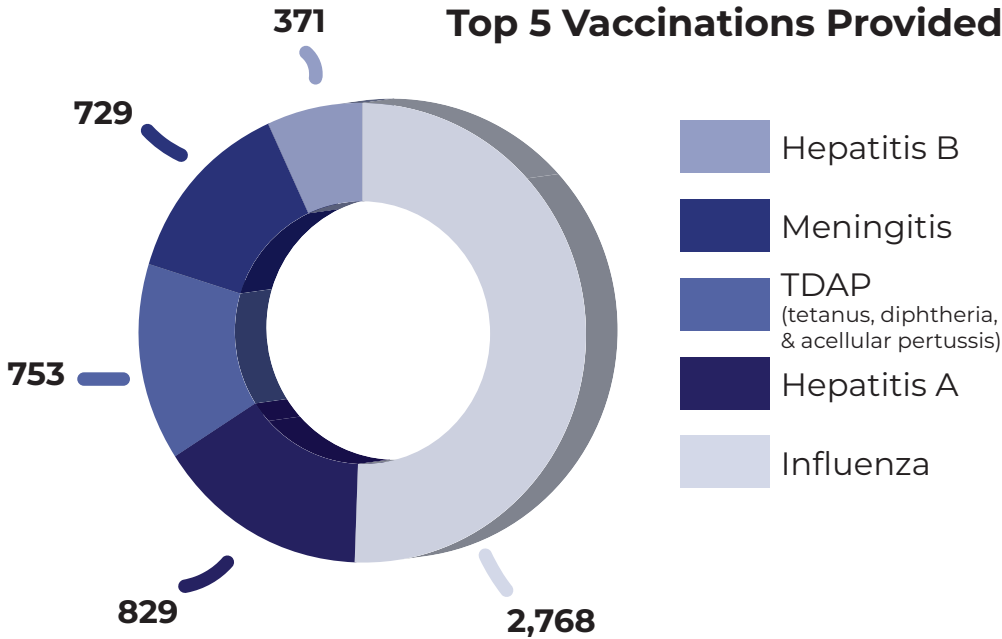


Patients Seen by Top 10 Zip Codes



Clinical Services

Top 5 Vaccinations Provided

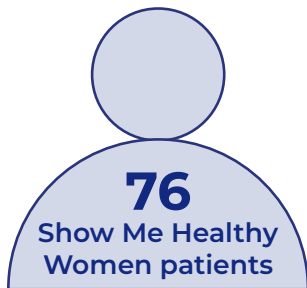


7,716

vaccinations provided

402

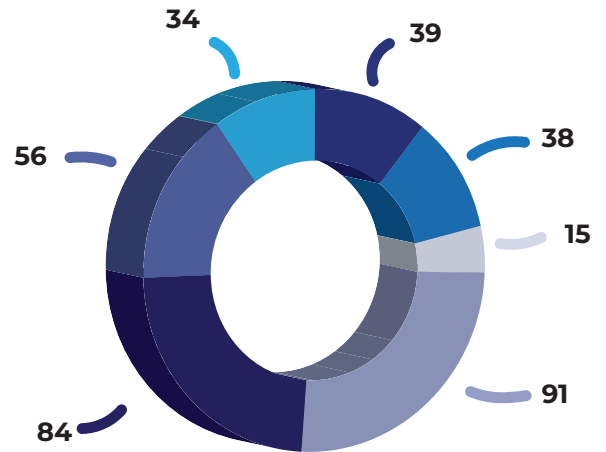
books for babies



1,042
pregnancy tests

2
Breast Cancers Detected

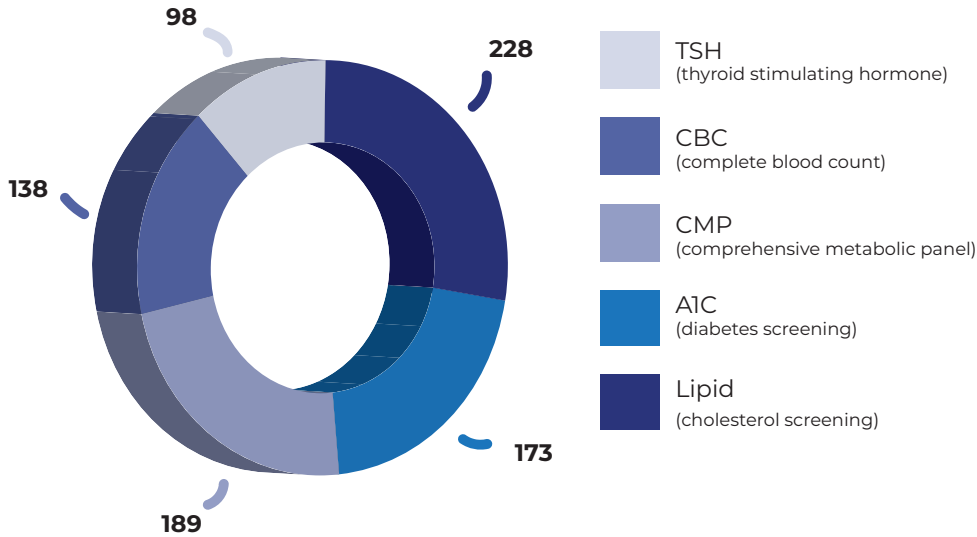
Family Planning Procedures



- Intrauterine Device Removed
- Intrauterine Device Implanted
- Nexplanon Removed
- Nexplanon Implanted
- LEEP Procedures (loop electrosurgical excision procedure)
- Condyloma Treatments
- Colposcopies Performed

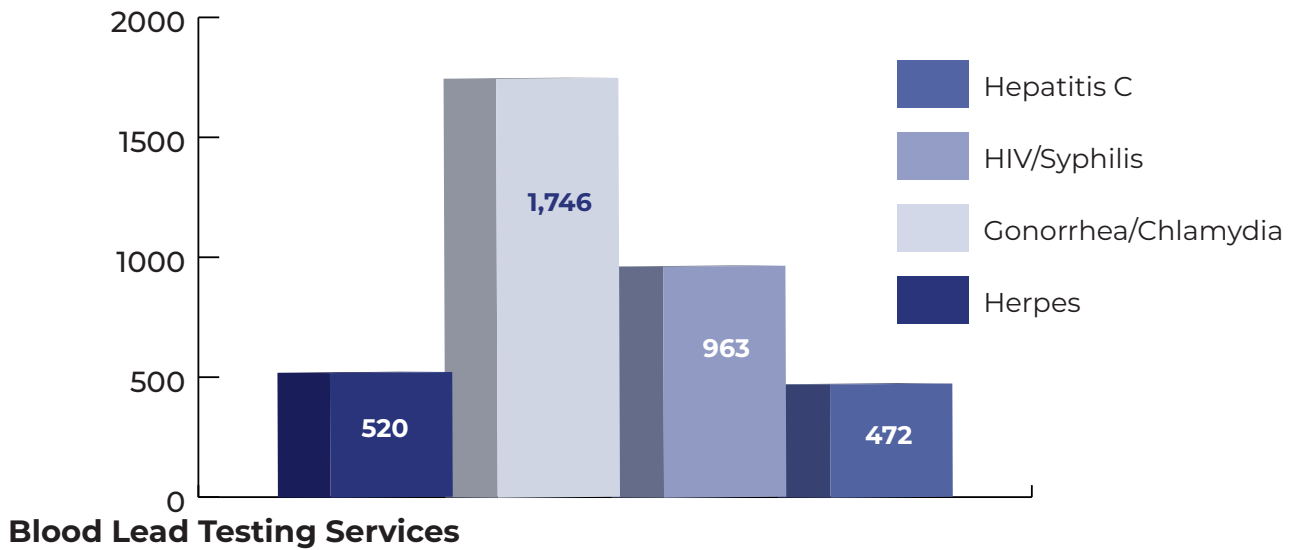
Clinical Services (cont'd)

Top 5 Wellness Lab Screenings Provided

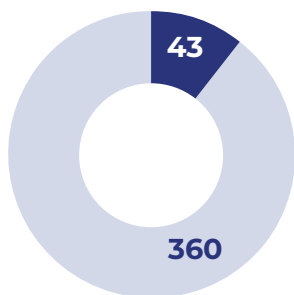


973
wellness screenings provided

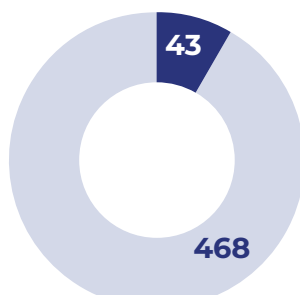
Sexually Transmitted Infection Tests Provided



Blood Lead Testing Services



2018



2019

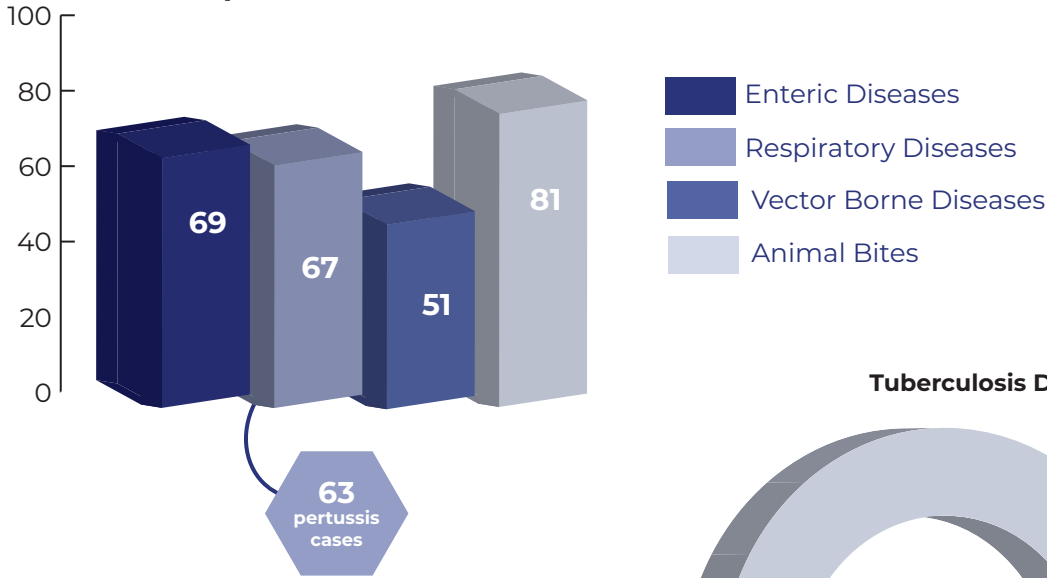
30%

increase in children tested in 1 year



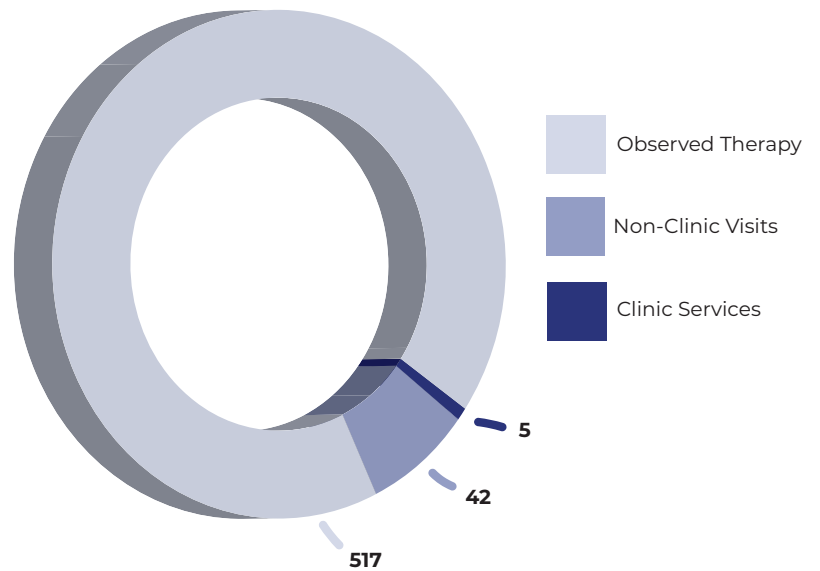
Communicable Disease

Reportable Conditions

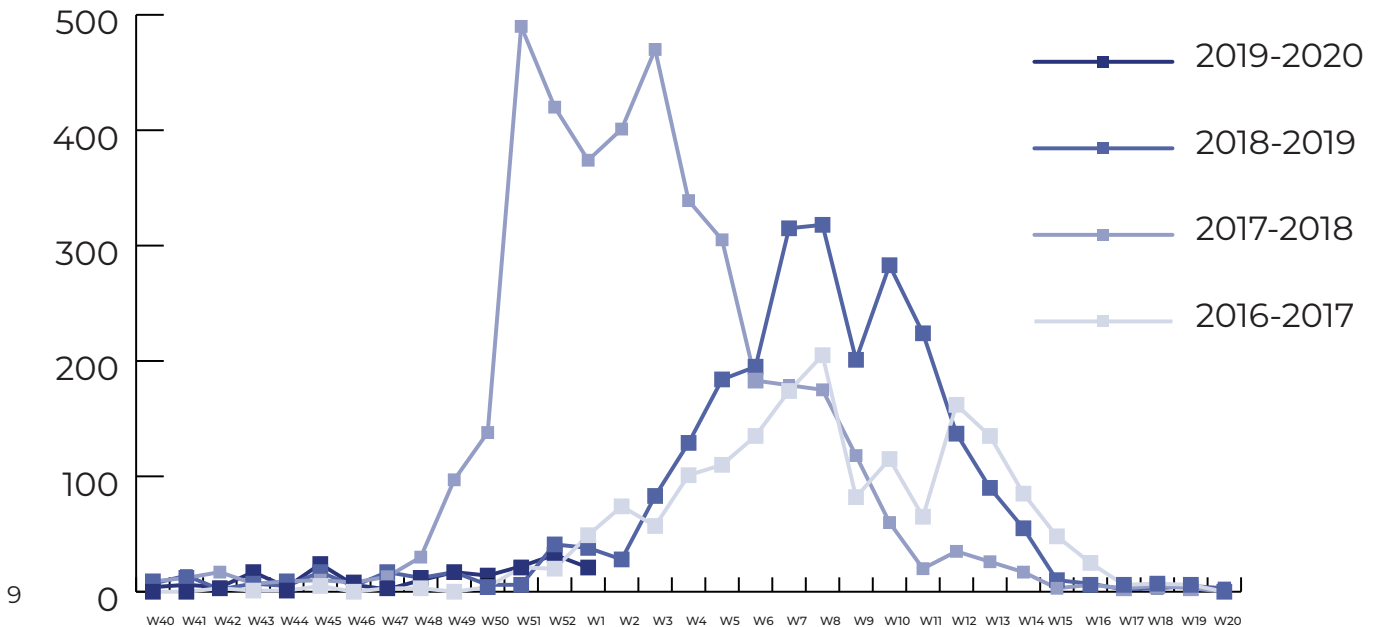


During 2019 there was an increase of Pertussis (whooping cough) in the county. Research has shown that Pertussis tends to regularly spike every 3 to 5 years. The rise in cases occurred late in the year and included two separate outbreaks at different schools in the county. JCHD worked with the schools involved and providers in the area to ensure those exposed to pertussis were notified, and those experiencing symptoms received the testing and treatment needed to return safely to school and other activities.

Tuberculosis Diagnostic Services Program

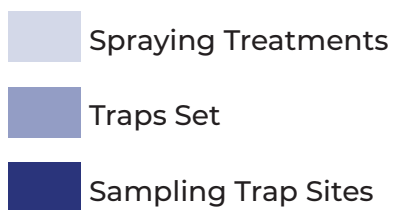
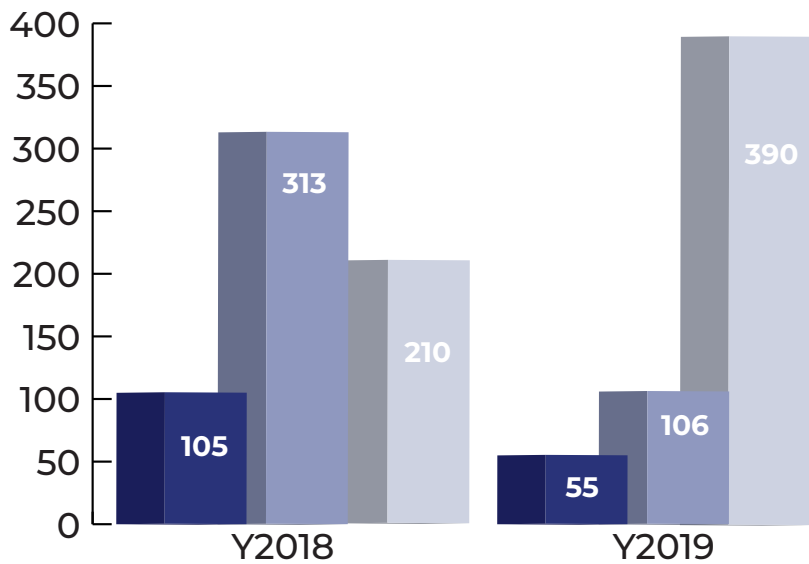


Jefferson County Influenza Cases by CDC Report Week



Vector Surveillance

JCHD Vector Activity

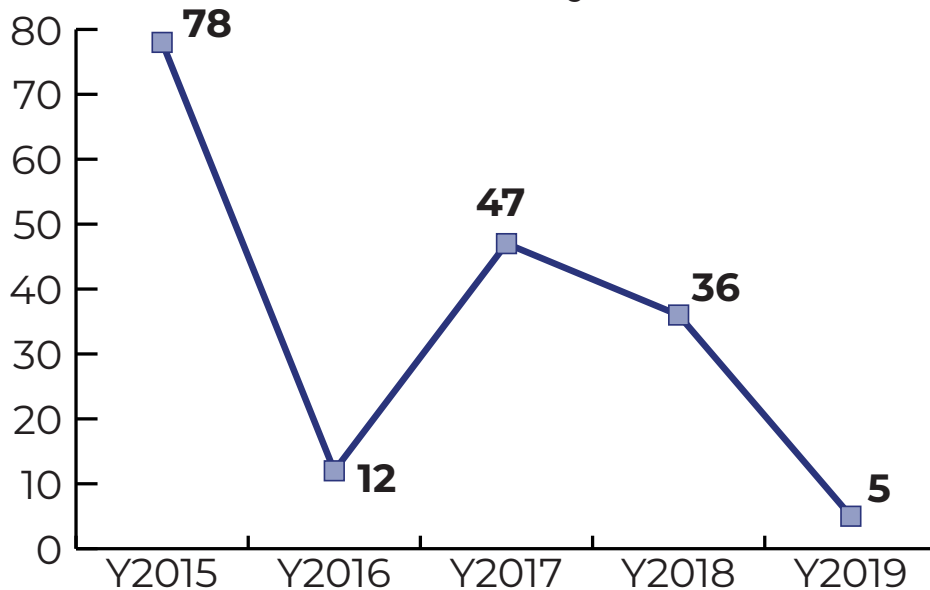


86%
increase in spray
treatments 1 year

14
WNV Positive
Municipalities
(2018)

4
WNV Positive
Municipalities
(2019)

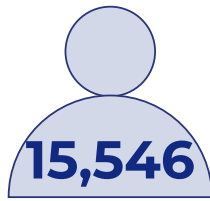
Number of West Nile Virus Positive Collections
Jefferson County 2015-2019



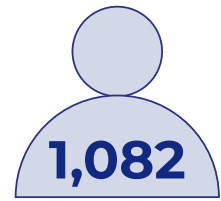
Health Network Services



preschool
presentation
attendees



k-12
presentation
attendees

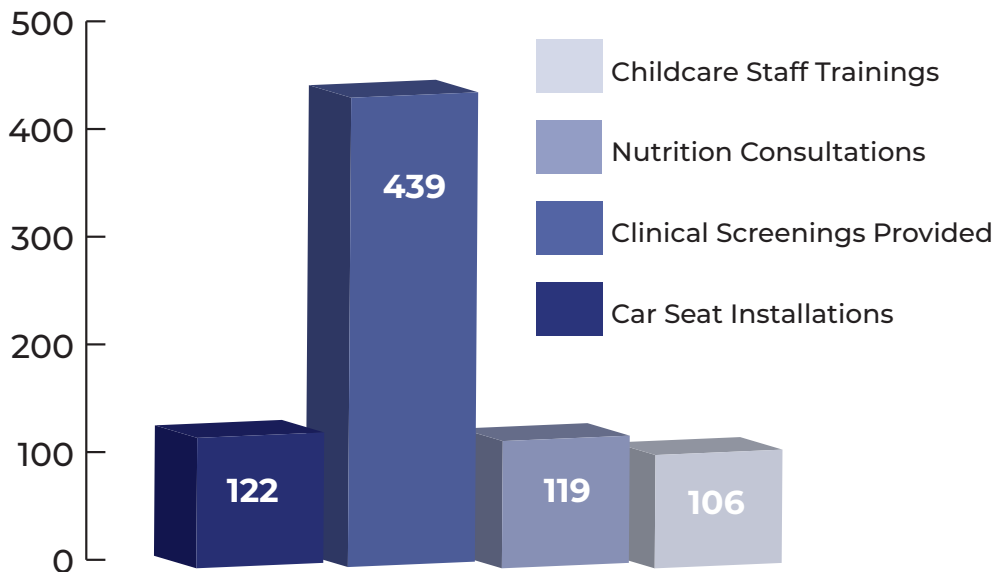


community
presentation
attendees

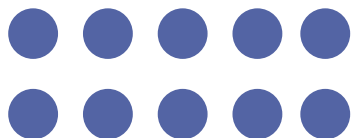
Top 3 Presentation Topics

1. Bike Safety
2. Hand Washing
3. The OrganWise Guys

Community Services Provided



10
prescription
drop boxes
throughout
county



3,073 lbs

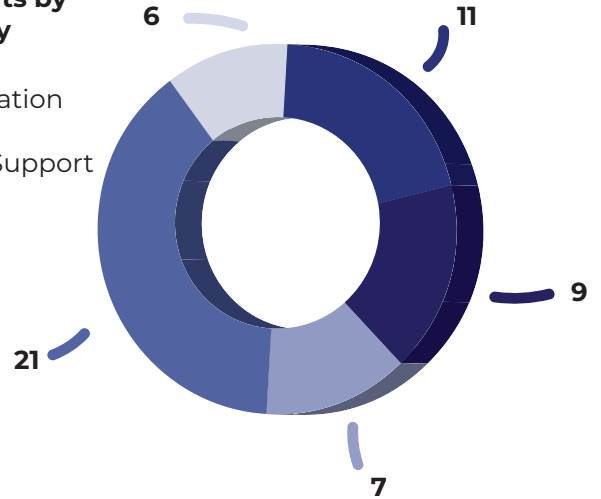
Prescription and Over the
Counter medications collected

Health Network Services (cont'd)

82
ABI
participants

Adult Brain Injury Participants by Funded Service Category

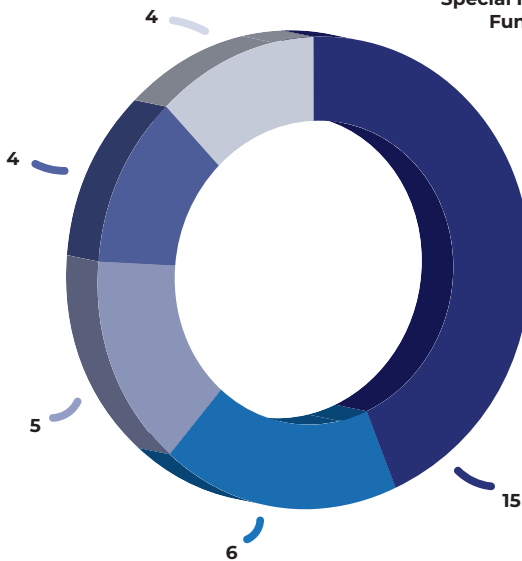
- Neuropsychological Test & Evaluation
- Transitional Home/Community Support
- Pre-Vocational Training
- Supported Employment
- Counseling



Children & Youth With Special Health Care Needs Funded Services

- Outpatient Visit
- Medical Supplies
- Testing
- Orthodontics
- Interpreter Fees/Sessions

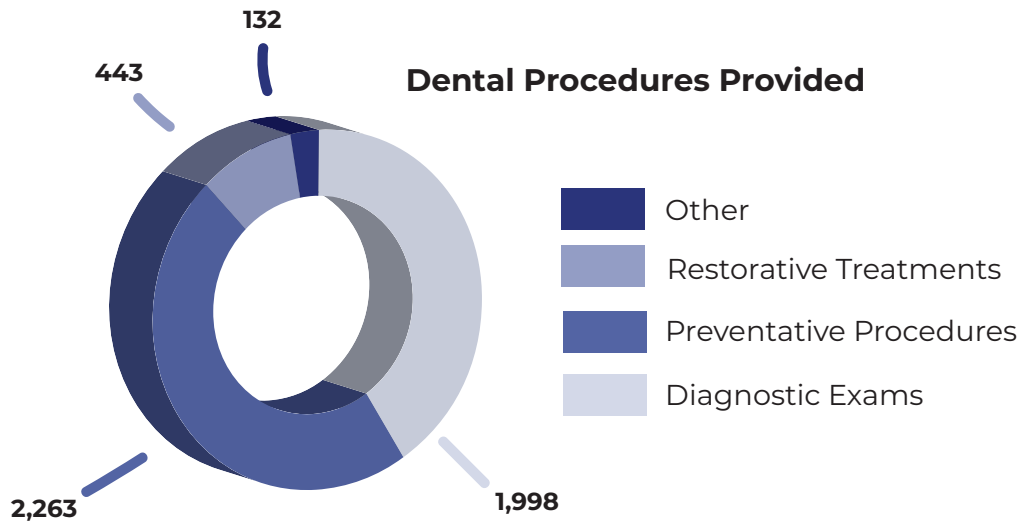
101
CYSHCN
participants



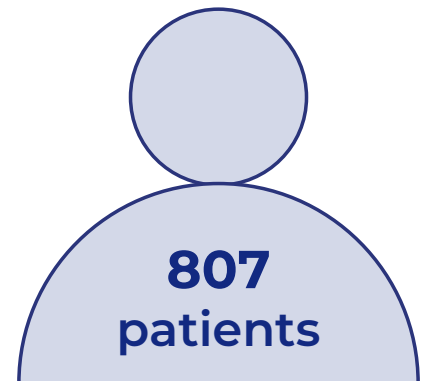
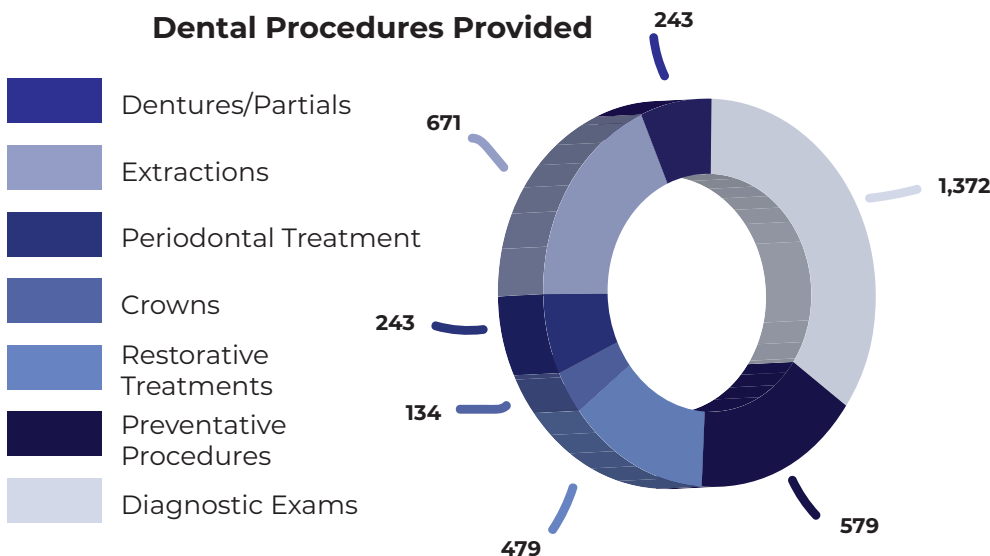
An opportunity arose for JCHD to pursue the expansion of the CYSHCN program to include Region 10, which covers St. Louis County & City. Since absorbing this region in July 2019, a new coordinator position was added to help increase our community outreach efforts, and in turn more than double the number of families receiving service coordination. This expansion also helped to strengthen some of our existing partnerships as well as forge new ones.

Dental Services

Smiles To Go- *Youth Dental*

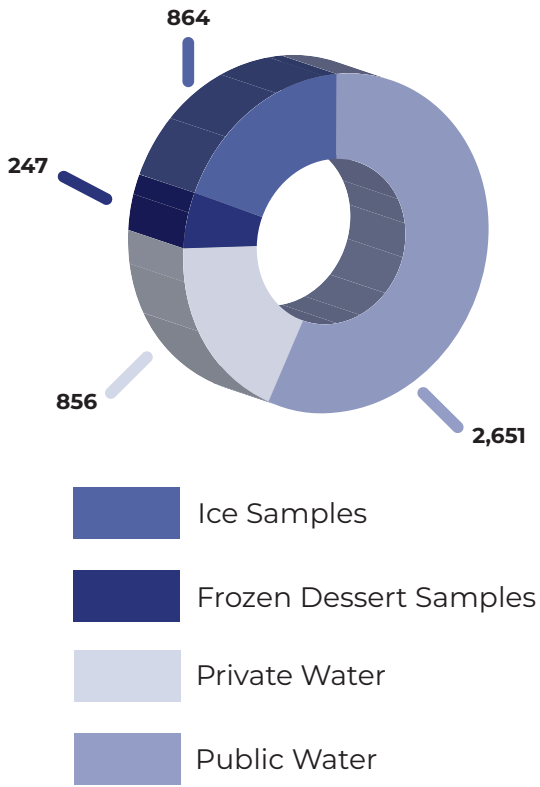


Senior Smiles To Go- *Senior Dental*

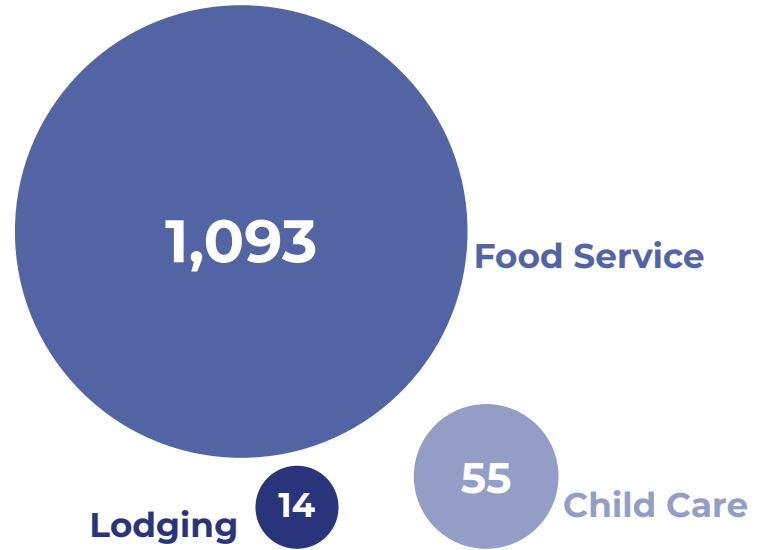


Environmental Services

Laboratory Testing Services

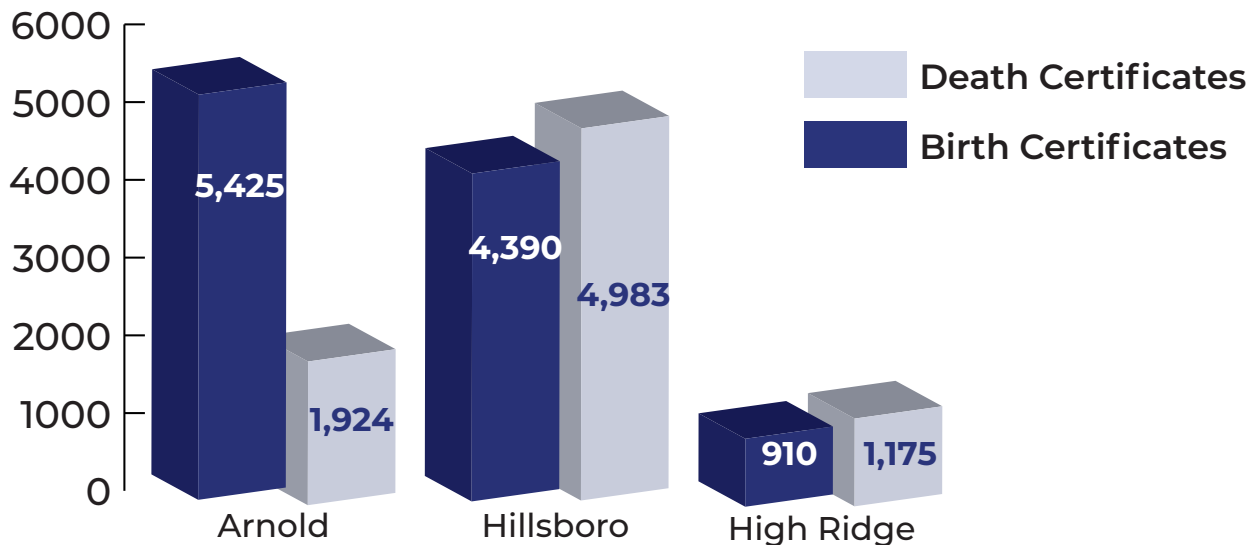


Inspections Performed



Vital Records

Vital Records Provided



Community Impact



Food Service Awards of Excellence

In 2018, the environmental team at JCHD implemented a new program to honor excellent food service establishments. The goal of the award program is to recognize food establishments in Jefferson County who make quality improvements and strive for high standards in food service. In order to qualify, a facility had to meet strict criteria based upon the previous years' inspection reports.

Facilities who met the criteria were then nominated for the award. With over 1,000 establishments in the county, a total of 67 nominations were identified in February. These facilities were instructed to send back a letter explaining why their facility deserved the award. Out of the 67 nominees, the department received 32 response letters. Environmental inspectors and supervisor voted on the response letters and the top seven facilities were chosen for the award.

“The Award of Excellence is a great way to honor the establishments that are dedicated to serving safe food to our community.”

- Environmental Public Health Specialist, Reggie Weiss



2018 Award of Excellence Winners:

Adult Psychiatric Program (Comtrea)-Festus
Company B Bar-B-Que-Byrnes Mill
Dar E Kreme-Cedar Hill
Firm Foundations-Arnold
Simpson Elementary-Arnold
Twin City Residential Program-Crystal City
Wild Sun Winery-Hillsboro

Star Spangled Fright: Point of Dispensing Exercise

Every 5 years, health departments across the St. Louis Region are required to practice a Point of Dispensing (POD) exercise according to the Cities Readiness Initiative federal grant. This exercise takes place to demonstrate that each county can successfully host a POD exercise and respond to a public health emergency effectively.

On October 9, 2019 at the Hillsboro Community Civic Center, JCHD employees and over 40 volunteers from 19 community agencies participated in the “Star Spangled Fright” POD exercise. The scenario was an aerosolized anthrax release which required the health department to set up a POD to provide appropriate education and life-saving medication to the public.

Volunteers were provided a one hour ‘Just in Time’ training session prior to the exercise starting, so they knew what their specific role was within the simulation. Mock patients moved through the POD for registration, education, and medication pick-up. Over 120 patients went through in just under one hour.

Evaluators from the St. Louis and Kansas City Regions were onsite to provide feedback about the strengths and areas of improvement of the Jefferson County Health Department POD.

“Each time we get to work together like this helps us to be more efficient and effective in dispensing life-saving medication to the public.”
- Emergency Response Planner,
Jeana Vidacak



Mobile Wellness Van: Roelof's Story

Since it first hit the road in May 2018, the mobile wellness unit has served over 1,300 patients. The van offers acute and chronic care for patients who may not have regular access to health services. Through regular rotations in the Jefferson County communities, the mobile unit can also provide follow-up care.



Roelof is one of the many individuals who have received care on the Mobile Wellness Van. Roelof originally visited the mobile wellness van in March 2019. After some routine screenings that Nurse Practitioner Mary Tongay performed, it was discovered that Roelof had diabetes. He was surprised to receive this diagnosis, but determined to beat it. "I told Mary, I'm going to be your first diabetic patient that reverses this diabetes," said Roelof.

Through diet and lifestyle changes, medication, and continued care, Roelof saw drastic improvements. In three months, his A1C went from 11.2 down to 6.2 and he lost 30lbs. "He's made great progress in his health. He has a healthy lifestyle now and comes in for his regular check-ups," states Nurse Practitioner, Mary Tongay.

Roelof is just one of the many patients impacted by the services provided on the mobile wellness unit. The van also provides physicals, acute and chronic care, screenings, and immunizations.

*"I'm happy that we are able to provide services to people in the community who need them."
- Wellness Van Coordinator, Debby Moore*



School Flu Vaccine Clinics

Through continued partnership with our local school districts, JCHD was able to provide on-site school flu vaccination clinics for both staff and students. Our staff brought all the necessary supplies to host an immunization clinic in the various district buildings. Seven local school districts participated, including Festus R6, Hillsboro R3, Jefferson R7, Grandview, Desoto #73, Sunrise R9, and Northwest R1.

“The Jefferson County Health Department has been an invaluable resource for our school district. Their willingness to provide a service to our entire district has been great!”
- Hillsboro District Nurse, Kathy Woodham

JCHD staff worked with district head nurses to coordinate dates and registrations prior to the clinics taking place in each district. School flu clinics are easier on the students and parents, and help reduce the spread of influenza in the community. “They are quick but thorough, allowing for less time out of class for students and providing a service to our community to cut down on the need for missed time at work for our parents and staff! This has been a wonderful experience and opportunity!” states Hillsboro School District Nurse, Kathy Woodham.

Utilizing our new electronic pre-registration form allowed us to break down barriers for parents. We saw a significant increase in registrations as a result of this process improvement. In 2018, we partnered with two school districts and provided 155 vaccines. In 2019, we partnered with seven school districts and provided 1,283 vaccines; a 747% increase from our 2018 School Flu Vaccine Clinics.

“It was a pleasure to work with school districts to provide vaccines to the school community. This partnership is the perfect example of the impact public health can have,” states Nursing Supervisor, Sarah Warncke.

1,283

flu vaccines provided



Fit-Tastic Partnership!

Every three years, the JCHD Health Network Team receives funding through MODHSS from the federal Title V Maternal and Child Health Block Grant. The goal for the 2019-2021 funding cycle is to prevent and reduce obesity among children and adolescents (6-11 years old) through increased physical activity. This past year, some of the funding was utilized to partner with local libraries providing physical activity kits and activity events throughout the county.

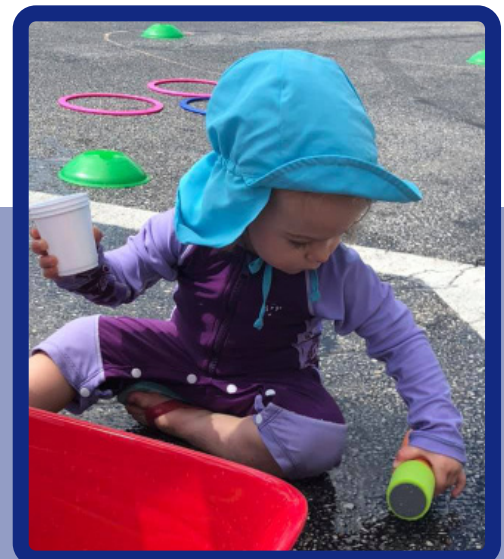
Jefferson County Health Department provided all six county/municipal libraries with physical activity kits that could be checked out by families at no charge. Each kit varied, but included games and activities for families to engage in including, Chuck the Chicken, Skip Ball, Double Dutch and more. A total of 69 kits were provided to the libraries. In four months, the kits were checked out 156 times!



“Working with the libraries and community organizations was such a great experience and seeing kiddos trying a new game or activity with a huge smile on their face was priceless.”

- Community Engagement Team Lead, Adam Peters

In addition to providing the physical activity kits, several large-scale activity events were also hosted to promote the kits and to provide options for families to be active together for free. “We worked with each library to build an event around what they felt would be most successful,” states Community Engagement Team Lead, Adam Peters. “These events were received positively in the community, with 280 participants at our 6 different events.”



De Soto Seniors Are Smiling



Senior Smiles To Go Mobile Dental Van has been on the road for over a year visiting community locations and residential care facilities providing affordable dental care. To expand services, our Dental Van Coordinator, Charyl Skaggs, met with the Ladies Auxiliary at the De Soto VFW about partnering with the van after it was suggested by a community member. The partnership was brought before the VFW Board and soon the van headed to De Soto.

Back in September 2019, *Senior Smiles* rolled onto the De Soto VFW parking lot for the first time. Through a little bit of marketing and a lot of word of mouth, the van began seeing patients immediately. Our staff provided services to 88 patients: 61 preventative, 69 restorative, and 63 dentures/partial. "We received a lot of positive feedback from people in the community about the quality of care and professionalism they received," states Auxiliary President, Paula Lester.

"There is always a need in our community and I'm proud that Jefferson County has this service to offer!"

- Auxiliary President, Paula Lester

88
patients
seen



Back to School Smiles



During the school year, our *Smiles To Go* Dental Van travels to various school districts providing dental care for students on site. In the summer months when school isn't in session, *Smiles To Go* visits community locations and back to school events.

This past summer our dental van was invited to participate in several back to school fairs for families in need.

In July 2019, *Smiles To Go* participated in the Jefferson County Health and Education Fair which provides services and school supplies to low income families in the county. A total of 670 children participated in the event. Our staff provided dental supplies to every child including a toothbrush, toothpaste, floss, and a water bottle. Emergency dental services were available on site that day for children who needed care; eight patients were treated.

In August 2019, *Smiles To Go* participated in two events hosted by local churches; Grace Day at Zion Lutheran in Hillsboro and the Back to School Fair at Wesley United Methodist Church in Festus. Our dental staff provided dental supplies to 817 children and 17 fluoride treatments at Grace Day. "We are honored to be invited to this event year after year. It has been a wonderful partnership," states Dental Program Coordinator, Charyl Skaggs. In addition to providing dental supplies to children, five fluoride treatments were also provided at the Wesley Back to School event.

"We look forward to participating in these events each year! Not only do we get to provide services on site at schools during the year, but we get to continue helping children and families when school isn't in session."
- Dental Program Coordinator, Charyl Skaggs



The Right Time Initiative

*“As a nurse practitioner working in public health for over 10 years, The Right Time has been a game changer”
- Family Nurse Practitioner, Kate Wagner*



In May 2019, Jefferson County Health Department began implementing a new program within family planning services, *The Right Time (TRT)* Initiative. By October 2019, the program was in full swing.

The Right Time is led by the Missouri Family Health Council and is an initiative of Missouri Foundation for Health. This is a six year initiative that seeks to empower women to make choices about if, when, and under what circumstances they want to become pregnant.

All women of child-bearing age, regardless of income, interested in learning more about and having access to a broad range of FDA approved contraceptive methods are eligible to receive family planning services at no cost under *The Right Time* Initiative. “It’s a pretty wonderful feeling when you can not only counsel a patient about a method, but provide it to them, regardless of insurance coverage,” states Family Nurse Practitioner, Kate Wagner.

The program also funds an Education and Outreach Coordinator to work in the community with partner organizations and agencies to spread the word about *The Right Time*. “It’s amazing to be a part of an initiative that empowers women to make educated choices regarding their health, while simultaneously addressing barriers that they may face when seeking care,” states TRT Education and Outreach Coordinator, Jordan Yanker. “It’s a great step in the right direction for a healthier community!”

Currently, all three Jefferson County Health Department locations are the only *The Right Time* providers in Jefferson County.



Agency Highlights



Strategic Planning

This year staff from every section within Jefferson County Health Department participated in our agency Strategic Planning Retreat. The goal of strategic planning is to set the direction for the agency through a shared mission, vision, and strategic priorities. As a baseline for planning and preparation, the agency utilized the national document and format from “NACCHO: Developing a Local Public Health Department Strategic Plan: A How-To Guide”.

On April 8-10, 2019, 27 staff members and various board members met at the Sunnyhill Adventures Camp in Dittmer, MO to work through various planning and teambuilding exercises. The planning exercises focused on generating and refining ideas including a SWOT analysis (strengths, weaknesses, opportunities, threats), visioning, defining the company culture, and reviewing the current agency mission, vision, and values. Through these exercises, collaboration, and discussion, a new mission vision, values, and strategic priorities were developed to drive the agency over the next five years.

Strategic Priorities

- 1. Organizational Excellence*
- 2. Enhance Agency Culture*
- 3. Establish Organizational Brand*
- 4. Collaboration & Innovation in Providing Community Services*

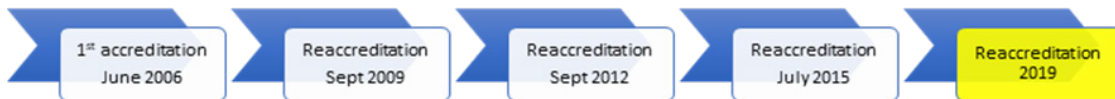


MICH Accreditation



The Missouri Institute for Community Health (MICH) is the accrediting body for Missouri's Voluntary Accreditation Program for Local Public Health Agencies. MICH offers a path to quality improvement for agencies looking to make improvements in the way they do business.

Jefferson County Health Department has been accredited through MICH since 2006. The standards and process have changed over the years, with the 2019 accreditation standards newly revised in 2018. MICH has organized our state-based accreditation program around the framework of the Foundational Public Health Services to ensure that all accredited health departments in Missouri demonstrate accountability and quality assurance to the jurisdictions they cover.



Jefferson County Health Department staff worked throughout the year to pull together documentation to support 175 measures that were spread across 7 standard sections. The main standard sections are: 1. Communicable Disease, 2. Chronic Disease and Injury Prevention, 3. Environmental Health, 4. Maternal, Child, and Family Health, 5. Access to Healthcare Services, 6. All Hazards Preparedness and Response, & 7. Leadership, Management, and Planning. We were notified on December 12th that JCHD received the 5 year reaccreditation with a score of 98%.

"It was eye opening to uncover the programs and initiatives that JCHD has offered over the past 5 years to protect Jefferson County communities and residents from health related issues," states Clinical Services Manager, Melissa Parmeley. "The accreditation process offered our agency a unique opportunity to evaluate our practices, policies, and continuous improvement efforts. It reinforced the agency focus on the Foundational Public Health Services for future initiatives and programs."

***"The citizens and residents of Jefferson County are fortunate to have such a comprehensive health agency to serve them!"
- MICH Accreditation Council Member***

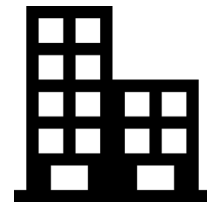
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