



Jackson County Health Department

Creating Healthy Communities

2017 ANNUAL REPORT



Your State Accredited Local Health Department



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Jackson County Health Department Administration

Richard Thoune, Health Officer

Dr. Michael Foust, Co-Medical Director

Dr. Amy Schultz, Co-Medical Director

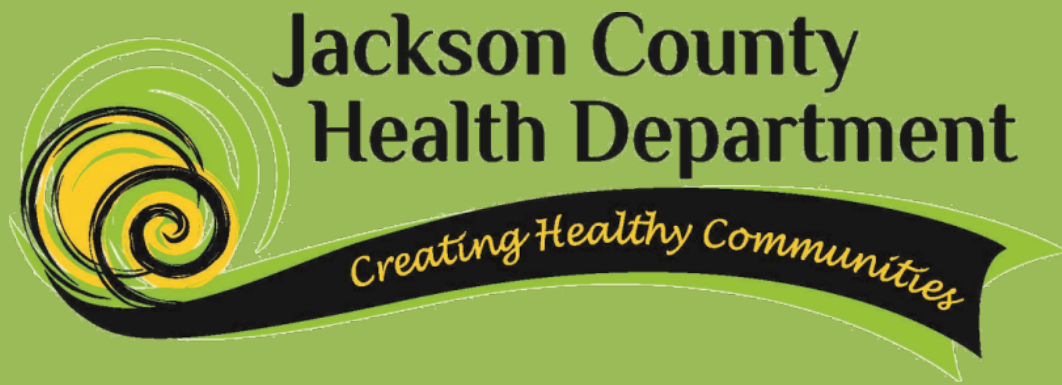
Dr. Courtland Keteyian, Co-Medical Director

Michelle White, Director of Health Education and Health Promotion

Angela Aldrich, Director of Personal and Preventative Health Services

Don Hayduk, Director of Environmental Health

Stephanie Baker, Emergency Preparedness Coordinator



Vision: To be one of Michigan's healthiest communities.

Mission: Working together to create and promote a healthy community through disease prevention and control, health education, environmental protection, and emergency preparedness.



2017 HIGHLIGHTS



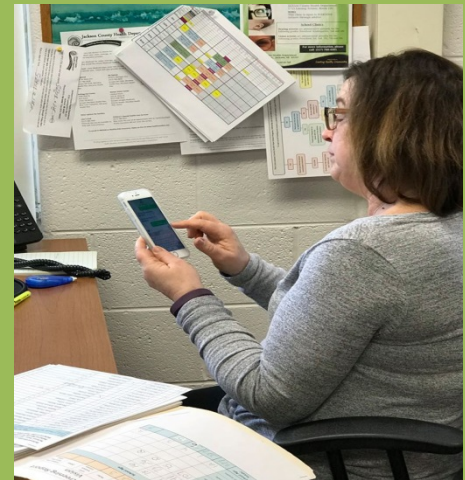
JCHD Strategic Plan

JCHD completed a strategic planning process in 2017, resulting in a 5 year 2018-2022 strategic plan . The plan contains six priority areas, 12 objectives and 53 strategies. Action plans for each objective are developed and used to manage the implementation process. The plan is posted on the JCHD website.



School Immunization Procedures Manual and Immunization Regulation

The Michigan Public Health code requires that all students are up to date with required vaccines for school or have a valid medical or non-medical waiver on file on or before the first day of school. To help schools and parents ensure they are in compliance with this requirement, the Jackson County Health Department developed a ***School Immunization Procedures Manual***. This manual, along with a local public health regulation, was approved by the Jackson County Board of Commissioners on June 20, 2017. The public health code, procedure manual and local regulation authorize the Health Officer to proceed with civil action if a parent and/or school does not comply with the requirements.



Hearing and Vision Program Pilot Texting Project

The Hearing and Vision program was the first in the state to implement a texting follow-up protocol to parents of children who do not pass their screenings. Staff have reported an increase in the parent response rate and in staff time and cost efficiencies compared to making phone calls and sending letters.

2017 HIGHLIGHTS

Zika Virus Vector Monitoring

The Centers for Disease Control (CDC) and the Michigan Department of Health and Human Services established a Mosquito Surveillance program due to the 2016-17 Zika Virus outbreak in South America, Florida and Texas. Funds from CDC enabled JCHD to monitor the local mosquito populations for the presence of two species of mosquito (*Aedes albopictus* and *Aedes aegypti*) known to transmit the Zika virus to humans. Twice weekly mosquito collections at 5 locations were analyzed and documented. Though these species were not found in Jackson County, an isolated population was identified and contained in Wayne County through this coordinated Federal, State and local project.



2017 Jackson County Drug -Related Data Report
Heroin and Opioid Task Force Data Committee

Drug-Induced Causes of Death.

In March 2017, JCHD organized a data collection subcommittee of the local Task Force on Opioid Prescription Drugs and Heroin to track data related to the growing problem of drug overdoses and deaths in Jackson County. The data collected in the report from multiple sources characterizes the size of our overdose and death problem in the community with these drugs..

New Electronic Medical Record

The Jackson County Health Department transitioned to utilizing a new electronic medical record (EMR), Epic, in August 2017. Epic is maintained by Jackson Community Medical Record and is also used by Henry Ford Allegiance Health hospital and practices, the Center for Family Health, and other medical practices in our community. This shared EMR enhances continuity of care for patients by keeping their recent health history, lab work, medications, and visit notes all in one place. With patient consent, this allows us to share important public health information and services with medical providers more efficiently, including hearing & vision and lead screening results, and communicable disease or sexually transmitted infection case management services.



What our clients had to say...

The Village of Spring Meadows 1 & 2 would like to thank you for your kindness. We appreciate how professional you were in your inspection of our kitchen areas. You were thorough, accurate, and kind. Our food was well received and we all had a good time. Thank you again for your visit.

-Lois Heady, President of Resident Activity Committee

“After TOP, I feel I can make my own decisions. I know what to do when I’m ready for a relationship and sex.” FY 2017

“I Have had a lot of people try to push me to have sex and TOP helped me say no or use protection in the future.”

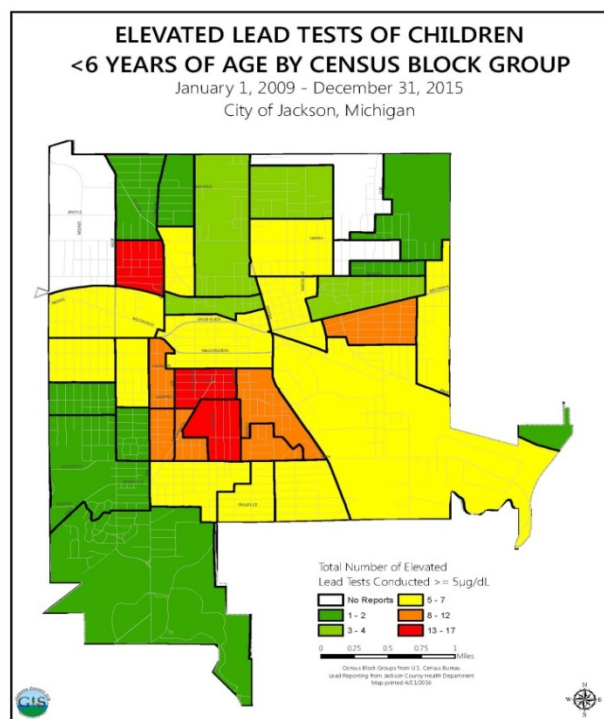
-da Vinci High School students, Teen Outreach Program

“Early On is a great program! For us, this program has helped us advocate for our little girl and gain a friend in our worker. We have had help getting our daughter into private speech and physical therapy, GI specialists and the questions to ask there, and access to Orthotics and other Physical Therapy expertise now that she has graduated from private therapy. The bi-weekly visits from Early On give us scheduled time to discuss and practice skills that our daughter needs work on. We can always ask questions! If our worker doesn’t know, she will always find the answers for us. Not only is she answering questions about our 2 year old, but sometimes questions about our new born and resources for our 8 year old. I am so appreciative of all the time she has spent with us and the creativity she brings! Our whole family is going to be very sad when our little girl ages out of the program.”

- Nikole Peyton, mother of Early On participant

PUBLIC HEALTH AND COMMUNITY CARE INTEGRATION

The Jackson County Health Department is a key partner in the local Jackson community health needs assessment. Key department leaders participated in the development of the 2017 assessment with community partners. For the first time, an integrated cross sector assessment was completed, combining key questions about education and financial stability with health questions. This new Jackson Community Well-Being Survey aligns with the development of a shared measurement system for Jackson and with State Innovation Model health care system transformation efforts.



Efforts to address the problem of childhood lead poisoning continued and expanded in 2017. JCHD staff assisted city of Jackson partners with the development and submission of a 3-year Lead Based Paint Hazard Control and Health Homes Supplemental Funding grant to Housing and Urban Development. The city was awarded the grant in 2017 and work begins in early 2018. The JCHD is partnering with the city in this grant to enhance testing of children for lead and to provide Pediatric Environmental Health Assessments with lead case management visits to families with a lead poisoned child to also address asthma triggers in the housing environment. We continue to improve early intervention with families experiencing a child with an EBLL and help them take actions to protect children from further exposure through nursing education and case management visits.



“Integrating public health and health care delivery system efforts makes all of us stronger and results in more efficient and effective service to the people we mutually serve in our community. JCHD will continue to seek opportunities to integrate our efforts with those of our local health, human and social services partners to improve population health in our community.”

- Richard Thoun, Health Officer

PERSONAL AND PREVENTATIVE HEALTH

The Personal and Preventative Health Services (PPHS) Division works to improve the health and well-being of Jackson County residents by providing a variety of direct services to the community. Services within the PPHS division include the: Maternal Infant Health Program, Early On Part C, Fetal Infant Mortality Review, Children's Special Health Care Services, Nursing Lead Case Management, Sexually Transmitted Disease Clinic, HIV/AIDS Counseling, Communicable Disease Program, Immunization Clinic, and the Immunization Action Plan.



202 Maternal Infant Health Program clients served to support healthy pregnancies & a healthy first year for babies through a multi-disciplinary home visiting approach

749 Children's Special Health Care Services enrollees assisted with case management, care coordination, and support

350 children and families served through the Early On Part C program

12 infant death reviews by the Fetal Infant Mortality Review Team

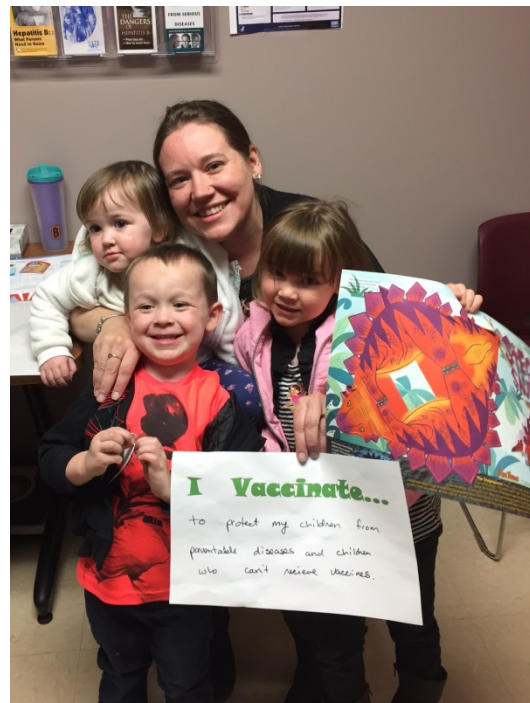
11 bereavement visits conducted for grieving parents

22 Nursing case management home visits provided to families of children with elevated blood levels



PREVENTION IN ACTION

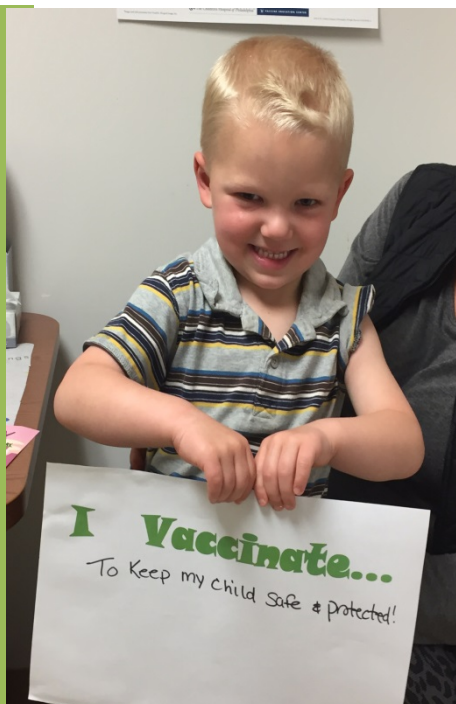
As a local health department, we are responsible for the surveillance, investigation, prevention and control of infectious disease. We ensure individuals get appropriate treatment. We also hope to prevent new cases and to provide information to the community regarding health risks.



4,713 doses of vaccine administered

351 vaccine education sessions with local parents and guardians

901 Flu vaccines administered



1,459 individuals accessed testing, treatment, and/or counseling through the Sexually Transmitted Disease Clinic

626 individuals received HIV screening and counseling

733 cases of reportable disease investigated

1 new case of tuberculosis

522 PPD TB skin tests performed

9 disease clusters or outbreaks investigated

16 foodborne illness complaints investigated

51 animals tested for rabies (0 positive)

8 new HIV cases, **123** new gonorrhea cases, and **863** chlamydia cases were diagnosed in Jackson County

HEALTH EDUCATION AND PROMOTION

The Health Education and Health Promotion (HEHP) Division encompasses a variety of preventive services and programs to empower individuals, groups, organizations, and communities to play active roles in achieving and sustaining healthy lifestyles. Some of these programs include Healthy Communities (chronic disease prevention), Jackson Tobacco Reduction Coalition, Teen Pregnancy Prevention, Car Seat Safety, Traffic Safety Education (Safetyville) for early elementary students, Reducing Under Age Distracted Driving (RUADD) for high school students, Childhood Lead Poisoning Prevention, and assistance accessing Health Insurance Programs.

414 youth served in Abstinence programming

118 teens served in the Teen Outreach Program

7 landlords and **210** community members received education on childhood lead poisoning prevention

20,559 Jackson County children enrolled on Medicaid

183 individuals assisted with Medicaid application process



295 car seats provided
366 car seat education sessions provided
508 people reached through Jackson Tobacco Reduction Coalition presentations

HEALTH EDUCATION AND HEALTH PROMOTION

This division also provides state mandated Hearing and Vision screening services for students in the local school districts, as well as through on-site community screening clinics. Clinical services are also provided through the provision of the WIC (Women, Infants and Children) supplemental food and nutrition program.

The WIC program brought \$2,669,991 of revenue to Jackson County food vendors in 2017.

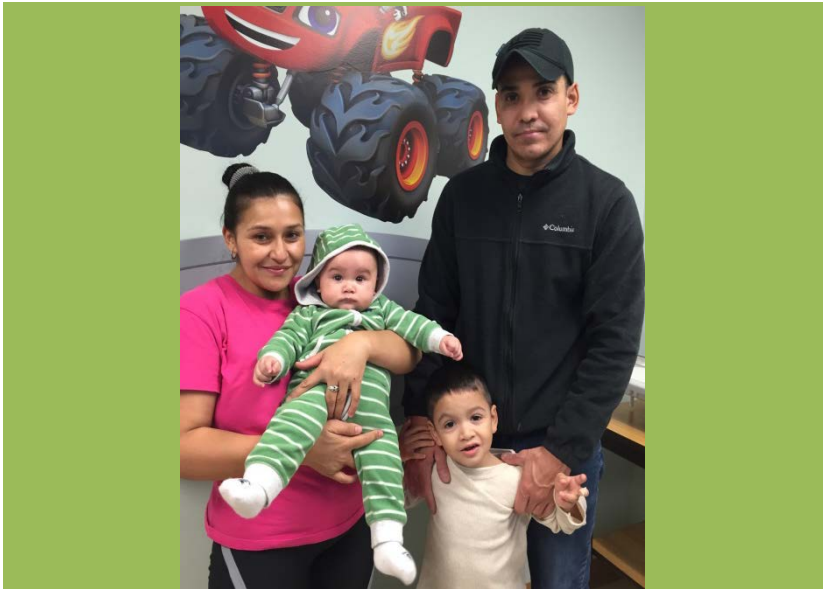
5,116 pregnant women, infants, and children up to age five were enrolled in WIC and received healthy foods and nutrition education

The Jackson County WIC breastfeeding initiation rate was at **73.51%**, **727 out of 989** infants began life with breastmilk

593 children screened for lead

7,549 hearing screenings

10,776 vision screenings
2,565 referrals for failed hearing or vision screens



“Being an older mom, realizing times have changed, I have enjoyed coming to WIC and the health department in general to learn the best information on safety, health, and diet/nutrition for baby and me! The staff have always been accommodating and professional. We are always treated like we matter, which is important. I recommend all moms with children and dads come here.

-Brenda King, WIC Client



ENVIRONMENTAL HEALTH IS PUBLIC HEALTH

The Environmental Health Division is a resource to the community by providing services through the following programs: Onsite Sewage and Private Water Supply, Food Service Inspection and Restaurant Plan Review, Department of Health and Human Services Housing Inspections, Groundwater Contamination Sampling and Investigations, Non-Community Water Supply, , Household Hazardous Waste referral, Radon/Indoor Air Quality Education, Public Swimming Pool Inspections, Subdivision/Site Condominium Review, Soil Erosion and Sedimentation Control Permitting, and other investigative related services.

758 restaurant inspections
467 food service licenses issued
95 temporary food licenses
78 food establishment related complaints reviewed and/or investigated



245 sewage disposal permits issued
281 water well permits issued
116 wells abandoned
97 soil erosion and sedimentation permits issued
27 campground inspections
55 swimming pool inspections
21 Septage Truck/Equipment/Receiving Plant Inspections

MEDICAL DIRECTORS

Dr. Amy Schultz, Dr. Courtland Keteyian, and Dr. Michael Foust serve as co-medical directors for JCHD. Dr. Shultz supports our prevention efforts around chronic diseases, community based systems research, and health integration efforts. Dr. Foust began working with us in June 2017 to support our clinical program needs for immunization and sexually transmitted infection clinics and the communicable disease prevention and control program. He has provided this support to enable Dr. Keteyian to pursue a one year fellowship in occupational medicine. Our medical directors participate in public health emergency preparedness and response activities and support staff 24/7 with emergency and routine consultation capacity.

**Co-Medical Directors Amy Schultz,
Courtland Keteyian, Michael Foust**



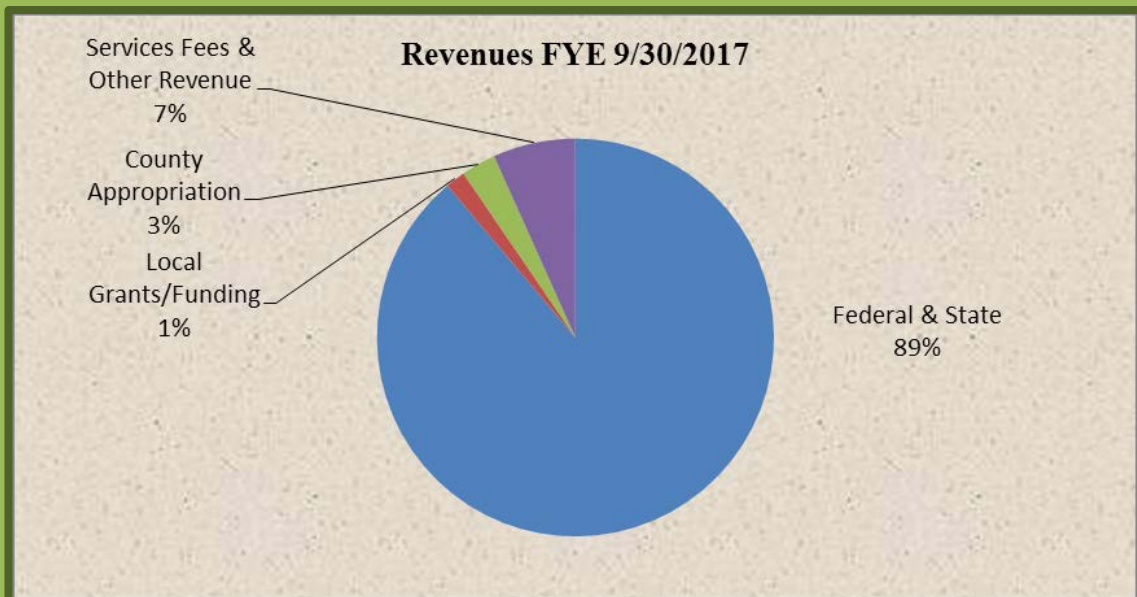
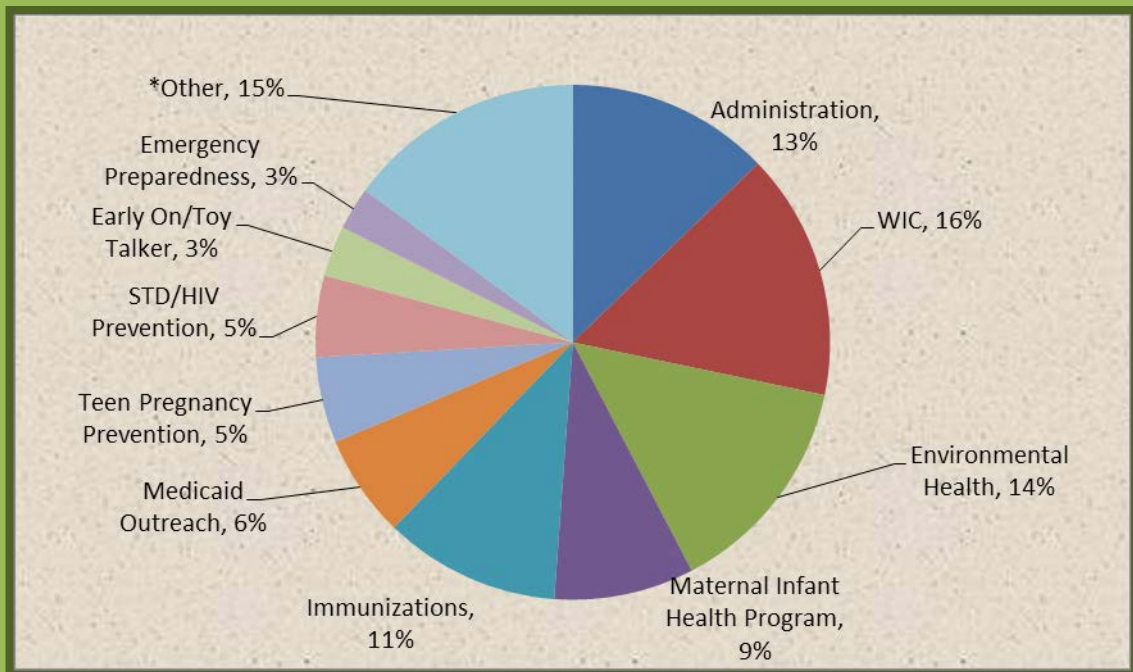
EMERGENCY PREPAREDNESS

Emergency Preparedness (EP) fully supports and strives to enhance the mission of the Jackson County Health Department. The mission is supported by ensuring emergency plans are current and practiced through orientations, drills, and exercises. The goal is to provide rapid and efficient response to Public Health threats.

2017 Exercises focused on administrative preparedness and continuity of operations. These along with trainings addressing mass fatality planning, public health law, and public information equip staff with the knowledge and resources to act quickly and effectively to keep our community safe.

2017 FINANCIALS

Our operating budget was \$6,988,115 for the fiscal year ending September 30, 2017. The charts reflect unaudited figures.



Our Value Statements

Collaboration: We work collaboratively with our community partners, sharing knowledge and resources to enhance access to services and improve the health and well-being of all residents in Jackson County.

Integrity: We honor the public's trust and are committed to the highest standards of excellence, professional ethics and personal integrity in all that we do.

Diversity: We value and respect diversity of our workforce and recognize the benefit it brings in understanding and serving all people equitably.

Empowerment: Our organizational culture supports staff in their initiative to take actions that support our goals. We strive to be a high- performance organization by promoting a culture of continuous improvement and foster employees that are competent, motivated, engaged and work as a team.

Customer Centered: We will serve all customers through a health equity lens, with dignity, respect and kindness. We will be adaptive and flexible, and listen, meet and exceed the expectations of the community and public we serve.

We are Jackson County Health Department

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