

ANNUAL REPORT | 2021



HEALTH & COMMUNITY SERVICES DEPARTMENT



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Health & Community Services

Improving Health for All Residents of Kalamazoo County

The Kalamazoo County Health & Community Services Department is not your traditional local public health department.

We work to address the health need impacted at both the social and community level with our programs and services. We do this through innovative and collaborative community goals, direct services, community health monitoring, and policy development, implementation, and advocacy.

Kalamazoo County Health & Community Services is committed to providing equitable, culturally competent care to all individuals served, regardless of race, age, sex, color, national origin, religion, height, weight, marital status, political affiliation, sexual orientation, gender identity, or disability.

Our Mission

To improve health for all residents of Kalamazoo County

Our Vision

A community where equity in social, mental, physical, and environmental health is achieved for all County residents.

Our Values

Our values include equity, leadership, professionalism, quality, and respect.

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@kalamazoocountyhcs



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KALAMAZOO COUNTY GOVERNMENT

In the Pursuit of Extraordinary Governance

Health and Community Services Department



@kzoocountyhealthdept



@kalcountyhcs

LETTER FROM THE HEALTH OFFICER

On behalf of the board of Commissioners and Administration, I am pleased to present the Kalamazoo County Health & Community Services Department 2021 Annual Report.

2021 saw another year in which our community was impacted greatly by the COVID-19 virus. Our toolbox to fight the virus gained a new tool in the form of a COVID-19 vaccine, produced here in our community. The COVID-19 vaccine provides a defense against the COVID-19 virus, especially against severe outcomes like hospitalization and death. Vaccines were provided at mass vaccination clinics, at the health department, and even in the homes of many individuals who were unable to travel to receive the vaccine. These efforts required Kalamazoo County HCS staff, community partners, and volunteers to work tirelessly throughout the year to make sure that as many residents as possible could gain access to this potentially lifesaving vaccine.

While COVID-19 disease prevention and response remained a main focus of Kalamazoo County Health & Community Services Department, other health activities continued during this time. I encourage you to explore this year's annual report to learn about how we provide the other public health essential services that assure conditions that promote and protect the health of our community. Throughout this report, you will find reports relating to the work of the Area Agency on Aging IIIA, Environmental Health, Maternal Child Health, Personal Health, and Veterans Service Office. I am proud of the efforts of all of our divisions and programs to achieve the HCS mission, to improve health for all residents of Kalamazoo County.

I would like to extend a thanks to our community partners for their collaboration and dedication to ensuring Kalamazoo County remained a healthy place for all residents. We look forward to continuing relationships that grew stronger through challenging times.

To the Kalamazoo County HCS staff – I cannot express enough gratitude for the service and dedication displayed throughout the pandemic response. I remain in awe of your ability to overcome the challenging and everchanging circumstances presented by this pandemic with professionalism and dignity.

To everyone in our community – we hope you appreciate this review of our work and response efforts. We did all this and more through extensive collaboration with local partners and leaders, as well as the continued efforts of our permanent and temporary staff and hundreds of volunteers.

Please take the time to review this report as it provides a good deal of relevant information about both public health and community services in Kalamazoo County.

As always, yours in Public Health,



James A. Rutherford
Health Officer/Director
Kalamazoo County Governemnt
Health & Community Services Department



LEADERSHIP & ADVISORY COUNCILS

County Board of Commissioners

District 1: Stephanie L. Moore

District 2: Paul Haag

District 3: Tracy Hall

District 4: Michael Seals

District 5: Julie Rogers

District 6: Ron Kendall

District 7: Roger Tuinier

District 8: John H. Gisler

District 9: Christine Morse

District 10: Mike Quinn

District 11: Meredith Place

Advisory Councils

Environmental Health Advisory Council

HCS Liaison: Vern Johnson

Francis Bell	Tracy Lynn
Michael Boersma	Louis Parker III
Shannon Deater	Julie Pioch
David Harn	Claudette Reid
Jeff Hepler	Jeff Sorensen
Mike Leeuw	Jennifer Strebs
Christy Lloyd	Jason Wiersma

Older Adult Services Advisory Council

HCS Liaison: Samantha Carlson

Timothy Charron	Beulah Price
David Eyke	Kelly Quardokus
John Hilliard	Mike Quinn
Kimberly Middleton	Rosamond Robbert, PhD
Kim Phillips	Don Ryan, Chair

Veterans Affairs Committee

KCHCS Liaison: Lauren King

Robert Hencken, Chair	Luke Schrader
Maury Kaercher	Commissioner Mike Quinn
Arthur Harris	James Jeakle
Michael Fry	Antonia Kennedy

HCS Department Leadership

Health Officer/Director

James A. Rutherford, MPA

Deputy Health Officer

Debra Lenz, MS

Medical Director

William Nettleton, MD, MPH

Medical Examiner

WMU Homer Stryker MD
School of Medicine

Area Agency on Aging

Don Saldia

Environmental Health

Lucus Pols

Epidemiology

Kim Kutzko, MPH

Maternal Child Health

Brenda O'Rourke, RN, BSN

Operations & Public Information Officer

Lyndi warner, MPA

Personal Health

Penny Born, RN, BSN

Area Agency on Aging IIIA

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

269-373-5173 (program line)
269-373-5227 (fax)

Hours

Monday-Friday: By Appointment Only
Call 269-373-5173 to schedule an appointment

<https://www.kalcounty.com/hcs/aaa/>

Area Agencies on Aging (AAA) are a nationwide network of entities that promote the health and independence of older adults. AAA's serve as a one-stop shop with expertise on aging and long-term care. AAAs were created 40 years ago by the federal Older Americans Act (OAA) with the mission of creating a system of home and community-based services to maximize the independence and dignity of older adults and provide alternatives to long-term care facilities. Area Agency on Aging Region 3A (AAA3A) serves Kalamazoo County and is housed within Kalamazoo County Government's Health & Community Services (HCS), Older Adult Services Division. Data on this report covers the 2021 Fiscal Year: October 2020 – September 2021.

Long Term Care Ombudsman

AAA3A hosts the regional Long-Term Care (LTC) Ombudsman Program which serves five counties: Barry, Branch, Calhoun, Kalamazoo, and St. Joseph. Ombudsmen ensure the quality of care provided to licensed long term care facility residents and work to identify, investigate, and resolve complaints made by or on behalf of residents. Additional responsibilities include educating the community, providing consultation to facilities/individuals, regularly visiting licensed facilities, and being available 24/7 to respond to urgent matters. On average, one ombudsman receives 20 plus phone calls daily. Funded by State/Federal Grants and Kalamazoo's local Senior Millage.

Total Cases Investigated	97
Information & Assistance Provided to Facilities	274
Information & Assistance Provided to Individuals	1065
Facility Visits (Non-Routine and Routine)	39

Choices for Independence (CFI) Programs

Consists of five programs: Care Management, Case Coordination and Support, Veteran Directed Care, Community Living Program, and Options Counseling. The goal is to help older adults who need assistance, maintain the highest quality of life in their home. Social Workers and Registered Nurses coordinate care specific to one's needs, working with caregivers, and connecting them to community supports. Funded by State/Federal Grants and Kalamazoo's local Senior Millage.

Homemaking	19,434 Hours	In-Home Respite	24,696 Hours
Personal Care	1,162 Hours	Adult Day Services	1,089 Hours
Medication Management	364 Hours	Assisted Transportation	21,221 Miles
Total Individuals Served	435	Individuals on Waitlist	179

Information & Assistance (I&A)

Free, Unbiased, and confidential service for people of all ages, caregivers, and adults with disabilities. Licensed Social Workers help determine needs, find supportive resources, and provide referrals to Federal, State, and local programs. **In 2021, I&A served 1,295 unique clients and made a total of 1,641 unique referrals.**

Healthy Living Programs

Developing Dementia Dexterity (DDD) is a course for caregivers of persons with dementia or Alzheimer's. DDD strives to improve a caregiver's confidence and reduce stress by providing useful tools and information. **In 2021, AAA3A provided 2 classes with 15 attendees.**

Area Agency on Aging IIIA

Senior Millage Contracted Services

The Kalamazoo County Senior Millage, approved in 2018, expands services to seniors through contracts with community organizations. Services assist seniors to age safely in their home.

Home Delivered Meals	61,120 Meals Delivered	Healthy Living Programs	Over 520 Sessions
Home Safety (Ramps)	205 Ramps Built	Legal Assistance	736 Hours
Senior Center Support	Over 2,458 Hours	Assisted Transportation	1,503 Miles

Holiday Baskets

Generous donations from community partners and HCS staff made AAA3A's 2021 Holiday Baskets an overwhelming success! A special thank you to Jean Whaley and Kalamazoo's Log Cabin Quilters Club for the beautifully crafted handmade quilts, and also to Kalamazoo's Loaves & Fishes for the meal items provided. The community's generosity brought smiles and warm wishes into the hearts of over **69** older adults throughout Kalamazoo! Baskets contained a quilt, household items, winter hats, gloves and scarves, warm socks, personal care items, meal items, pet food, activity and coloring books, puzzles, and masks.



COVID-19 Homebound Vaccinations

In Fiscal Year 2021, Area Agency on Aging staff traveled to homebound community members who had no other means of receiving vaccinations. AAA3A staff administered **90** COVID-19 vaccinations to these individuals. These vaccinations provided a layer of protection to some of Kalamazoo County's most vulnerable members. AAA3A was honored to be a trusted source for these community members and received an abundance of warm welcomes upon our visits!



AAA3A Contracts and Partners

The Kalamazoo County Area Agency on Aging utilizes state, federal, and local millage funding to contract out essential services to the following community organizations:

- A+ Nursing, Inc.
- Absolute Homecare & Medical Staffing
- ADT, LLC
- Advantage Private Nursing
- Centrica Care Navigators
- Connect America
- Critical Signal Technologies, Inc.
- Ecumenical Senior Center
- Fresh Perspective Home Care, LLC
- Guardian Finance & Advocacy Services
- Guardian Medical Monitoring
- Home Sweet Home
- HomeJoy of Kalamazoo
- Legal Aid of Western Michigan
- Medical Care Alert (American Response Technologies)
- Milestone Senior Services
- Mom's Meals (Pur Foods)
- Portage Zhang Community Senior Center
- PRAC Holdings, Inc. / Arcadia Home Care & Staffing
- Right at Home
- Shepherds Center of Kalamazoo
- South County Community Services
- Stay Home Companions, Inc.
- Valued Relations, Inc.
- Vicksburg Family Home Care
- WMU Center for Adult Day Services

Environmental Health

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

269-373-5210
269-373-5333 (FAX)

Hours

8:00 a.m. to 5:00 p.m.
(Closed 12:00 p.m. to 1:00 p.m.)
Monday thru Friday

<https://www.kalcounty.com/hcs/eh/food>

Environmental Health Division works to prevent disease, prolong life, protect the environment, and promote public health through the following programs: Food Safety and Facilities, Household Hazardous Waste, Laboratory Services, and Land Water & Wastewater. The Public Health Emergency Preparedness Program is also part of the Environmental Health Division.

Food Safety & Facilities

The Food Safety and Facilities Team evaluate all types of food service establishments including restaurants, transient/mobile operations, and temporary events. This team also inspects Body Art facilities, Adult and Child Care Facilities and Public Swimming Pools/Spas.

Inspections by program	2021
Food	2178
Pools	332
Child Care/Foster Care	132
Body Art (Tattoos & piercing)	37

Total Food Licenses in 2021	965
Fixed Establishment	829
Seasonal	59
Transient/Mobile	77

Food Inspections by Type in 2021	Number
Routine	1662
Follow-up	267
Complaint (Illness & Non-Illness)	123
Pre-Opening (New facility and Remodel of Existing Facility)	79
Other	47

Most Frequently Cited Violations in 2021	Number
3-501.16 – Hot/Cold Holding Temperatures	90
4-501.11 – Equipment Maintained in Good Repair	44
4-501.114 – Ware washing Machine Sanitizer Concentration	64
4-601.11 – Food/Non-Food Contact Clean to Sight and Touch	140
6-501.11 – Facility Maintained in Good Repair	59
6-501.12 – Facility Clean to Sight and Touch/Proper Frequency	140

Restaurant Inspection Reports can be viewed at: <http://www.kalcounty.com/eh/food.htm>

Environmental Health

Contact Us

1301 Lamont Avenue
Kalamazoo, Michigan 49048

269-373-5211 (program line)
269-383-8742 (leave a message)

<https://www.kalcounty.com/hcs/eh/hhw>

Household Hazardous Waste (HHW)

The **Household Hazardous Waste (HHW) Center** has been in operation since 1997. Hazardous waste materials are safely collected, packed and shipped for recycling or proper disposal. Reducing unintentional poisonings in the home, preventing contaminants from entering our groundwater and reducing hazardous materials sent to landfills are our top goals.

We sometimes receive unusual items at the HHW Center such as the antique fire extinguisher shown below. However, the sheer volume of our usual items can also be interesting. Ron Buell and Tom Korinek are unloading a trailer of used motor oil. Over the last five years the HHW Center has averaged over **76,000** pounds or **10,000** gallons (think milk jugs!) per year.

Containers of all shapes and sizes of used oil are poured into an 800-gallon tank. Once the tank is full a contractor comes and pumps it out. In the summer pouring oil can be a pleasant outside job if it isn't too hot. In wintertime, it is not much fun in cold temps!

The **Red Med Box Program** is a collaboration of police departments and the HHW Center to provide a safe way to dispose unused or expired medication. Over **70,000** pounds have been collected and destroyed, protecting the environment and our community.

This beautiful glass bulb, often referred to as a "fire grenade" is a fire extinguisher. The pre-1900 version usually contained salt water. This one contains carbon tetrachloride (CTC), a known fire suppressant. These were not phased out until the 1980's when the environmental and health hazards of CTC were fully understood. HHW staff take extra precautions when unusual items like this arrive.



ITEM(S)	2019	2020 **	2021
CHEMICAL WASTE *	169,338	148,934	171,770
ELECTRONIC WASTE	363,098	299,398	312,814
ANTIFREEZE	21,000	18,750	20,800
COPPER WIRE	6,190	6,187	5,899
FIRE EXTINGUISHERS	4,649	2,798	2,475
INK AND TONER CARTRIDGES	1,340	1,208	1,590
OIL FILTERS	1,680	2,240	1,120
PESTICIDES	24,242	18,570	18,617
RECHARGEABLE BATTERIES	27,441	24,759	25,308
SCRAP METAL	12,696	2,918	3,621
USED MOTOR OIL	81,280	74,680	68,600
TOTAL POUNDS COLLECTED	712,954	600,442	632,614

* Acids, aerosols, ammunition, bases, batteries (alkaline & lithium), cleaners, flammable liquids, flares, fluorescent bulbs, mercury, oil-based paint, organic peroxides, oxidizers, PCB ballasts, poisons/toxics, 1-lb cylinders

** The HHW Center was closed from 3/17 to 6/2 as mandated by the State of Michigan.

Environmental Health

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)
269-373-5360 (program line)
269-373-5216 (Fax)

Hours

Monday - Friday (except holidays)
8:00 a.m. - 5:00 p.m.
Water samples accepted
Monday - Thursday
8:00 a.m. - 4:00 p.m.

<https://www.kalcounty.com/hcs/eh/lab>

Laboratory Services

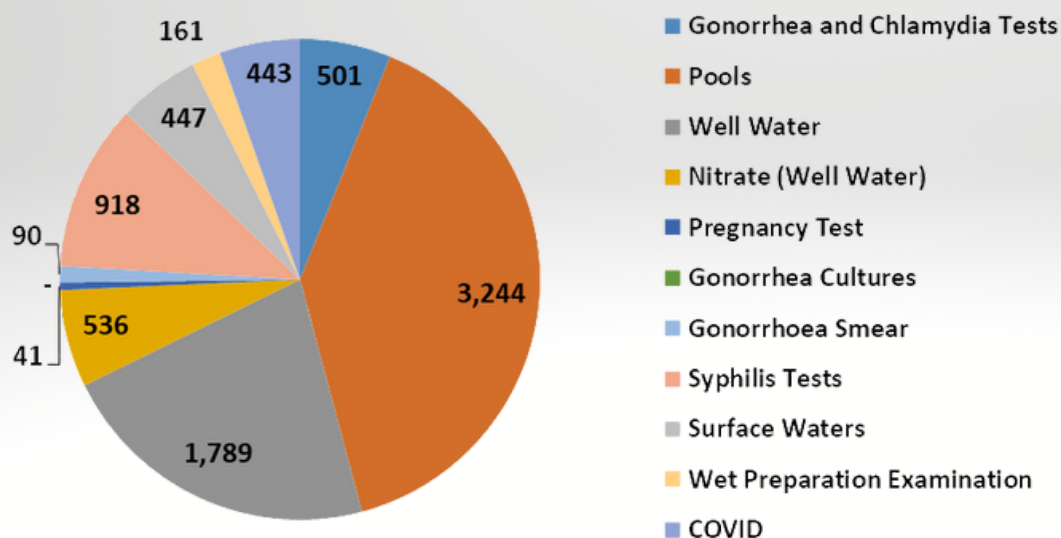
The Kalamazoo County Health and Community Services Laboratory ensures the health, safety, and well-being of Kalamazoo County citizens by performing clinical and environmental testing. The laboratory provides testing services for HCS programs including drinking water, well water, surface water (beaches, rivers, lakes, etc.) testing and clinical testing for HCS clinics.

Laboratory Testing

Clinical Testing Specimens (syphilis, gonorrhea, chlamydia and trichomonas) = **1,711**

Environmental Specimens (surface waters, pools and wells) = **6,016**

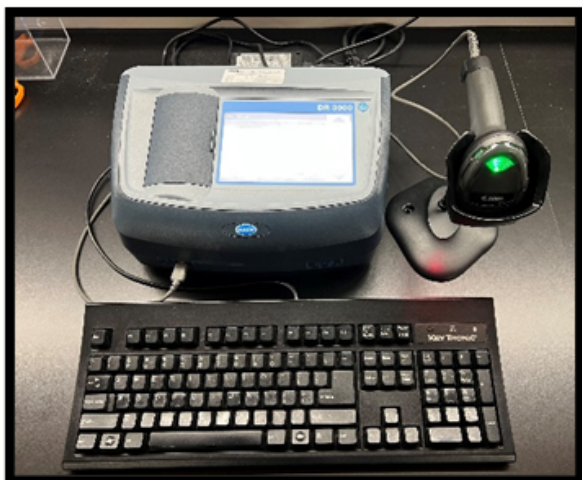
COVID Specimens = 443



Hologic Panther Instrument used for Chlamydia, Gonorrhea and COVID testing



HACH DR3900 used for nitrate testing on drinking water samples



Environmental Health

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

269-373-5210
269-373-5333 (FAX)

Hours

8:00 a.m. to 5:00 p.m.
(Closed 12:00 p.m. to 1:00 p.m.)
Monday thru Friday

<https://www.kalcounty.com/hcs/eh/dw>

Land Water & Wastewater

The Land Water & Wastewater Team ensures the health and safety of Kalamazoo County guests and citizens by assuring a safe onsite water supply, providing tools for management of onsite wastewater treatment systems, and providing resources for residents to maintain healthy and safe homes.

Complaint Inspections 2021

566 Complaint Inspections Performed

- Complaints by %:
- 37% Sewage
- 22% Housing
- 11% Garbage/Rubbish
- 20% Pests
- 6% Drinking Water
- 4% Other



2021	Program
456	Sewage Treatment System Inspections
370	Residential Water Wells Inspections
720	Residential Water Well Samples Collected
387	Sewage Treatment System Permits
321	Residential Well Permits Issued
158	Bathing Beaches Inspected
420	Bathing Beach Samples Taken
114	Type II Water Wells inspected
108	Type II Water Well Samples Taken
14	Campground Inspections
5	Meth Homes Certified Clean after methamphetamine contamination

Vector Activity

Activities for our vector-borne disease surveillance program in 2021 consisted of trapping for mosquitos that have been known to carry Eastern Equine Encephalitis (EEE), Zika Virus and also performing tick surveillance for ticks known to carry Lyme Disease. In 2019, EEE came to the forefront in Kalamazoo County. EEE is a rare but very serious and often fatal infection of the brain (encephalitis). In 2021, **3,267** mosquitos were collected in Kalamazoo County. Of those **3,267** mosquitos, **433** were identified as target species and were sent to the state lab for testing. No target species for Zika virus were collected. All tested mosquitos were negative for Jamestown Canyon Virus, EEE, and West Nile Virus. A total of **92** blacklegged ticks were submitted for testing in 2021. Of these **92** ticks, **21** ticks tested positive for the bacteria that causes Lyme disease and **3** tested positive for the bacteria that causes anaplasmosis.

PFAS: In 2021, Environmental Health continued to work with communities impacted with PFAS contamination in their drinking water. Response activities included working closely with multiple state agencies in continuing to provide point-of-use PFAS filters and bottled water to households in PFAS investigation areas within Alamo, Cooper, Richland, and Ross Townships.



Environmental Health

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

269-373-5300 (emergency hotline)
269-373-5025 (program line)

<https://www.kalcounty.com/hcs/ep/>

Public Health Emergency Preparedness

Public Health Emergency Preparedness protects the county and its residents through public health prevention, response, and rapid recovery as it relates to public health emergencies. The Public Health Emergency Preparedness (PHEP) program plans and participates in events throughout the year to support County-wide preparedness.

2021 Highlights:

- Completed all Michigan Department of Health and Human Services work plan deliverables on time and met state expectations.
- The agency continued in an Incident Command Structure in response to the COVID-19 pandemic. The Emergency Preparedness Coordinator (EPC), Celia Banuelos, served as Liaison Officer during the initial phase of the COVID-19 response, then transitioning to the Incident Command's Planning Section during the COVID-19 Vaccination Initiative phase of the response.
- HCS acquired a mobile unit to enhance outreach and services throughout the County. The EPC is responsible for overseeing the maintenance of the unit.
- The EPC assisted in the implementation and management of HCS' mass vaccination clinics. Between December 2020 and May 2021, **81,403** COVID-19 vaccine doses were administered with the help of **324** unique community volunteers, providing **8,000+** volunteer hours to staff **68** vaccine clinics. The EPC also assisted in coordinating COVID-19 vaccination clinics throughout Kalamazoo County.
- The EPC coordinated redistribution of PPE (Personal Protective Equipment) to County departments, Long Term Care facilities, local shelters, schools, daycares, local churches and community organizations as part of the COVID-19 pandemic response.
- HCS' response to the COVID-19 pandemic is ongoing, in to 2022.

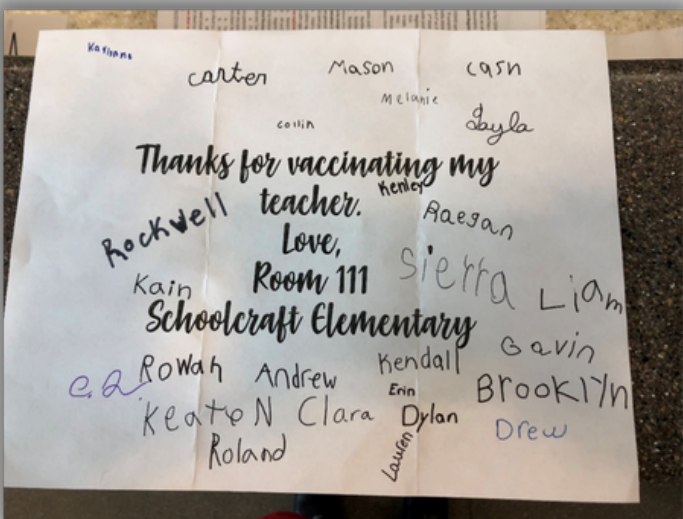
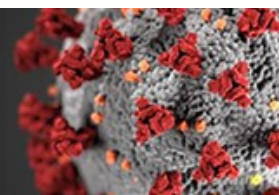
1.13.21 - HCS' COVID-19 Mass Vaccination Clinic Layout at the Expo Center (POD-Point of Dispensing Site)



2.9.21 - HCS' POD Site Manager, Celia Banuelos, receiving food donation for POD staff, from Feed the Fight volunteer



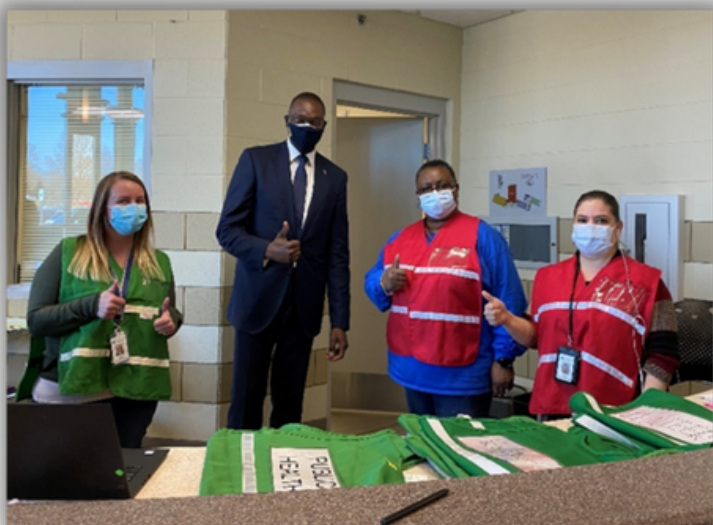
COVID-19 Response



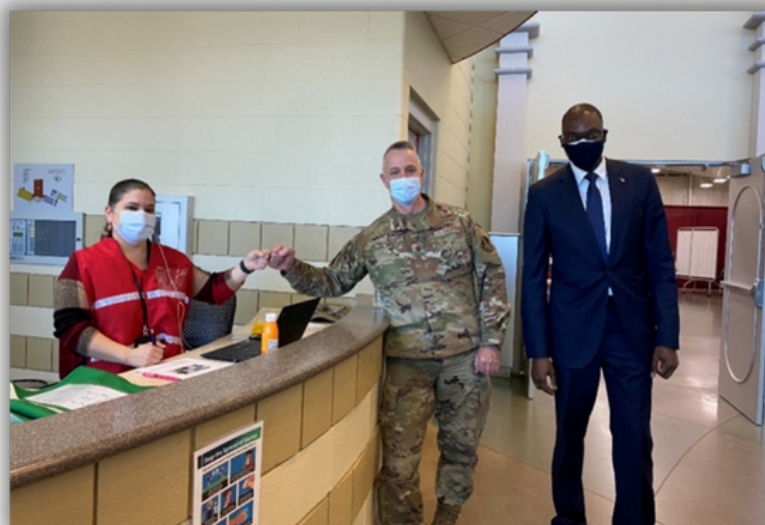
2.23.21 – HCS receives community appreciation



2.23.21 – Gourmet meals donated by KVCC to feed COVID-19 Vaccine Clinic Staff at the Expo Center



3.5.21 – Lieutenant Governor, Garlin Gilchrist, visits HCS' COVID-19 Mass Vaccination Clinic.



3.5.21 – Michigan National Guard (MING) deployed to assist with COVID-19 mass vaccinations.



5.11.21 – Governor Gretchen Whitmer visits HCS' COVID-19 Mass Vaccination Clinic.



11.6.21 – Celia Banuelos working check-in station at HCS' COVID-19 vaccination clinic, for 5 to 11 year-olds.

Maternal & Child Health

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

269-373-5213 (program line)

<https://www.kalcounty.com/hcs/mch/bcccnp/>



Breast & Cervical Cancer Control Navigation Program (BC3NP)

The Breast & Cervical Cancer Control Navigation Program LCA #15 coordinates breast/cervical screening & diagnostic testing and treatment of breast and/or cervical cancer for a 12 county region in Southwest & Mid-Michigan. Services are offered by contracted Providers including federally qualified health centers, health departments, hospital/radiology sites and family planning clinics.

Program Eligibility:

- Family Income less than 250% Federal Poverty level
- No insurance coverage or high deductible
- Current Michigan resident including migrant workers
- Age 40-64 for screening, diagnostics and/or treatment
- Age 21-39 for cervical screening/diagnostic testing and/or treatment
- Age 25-39 for breast diagnostic testing and/or treatment

Our focus is on the following priorities:

- Women age 50+ for a screening mammogram
- Women age 21-64 who have never received a Pap test or no cervical testing in 10 or more years
- Minorities who still have no other option for health insurance
- Navigation assistance for insured women in need of breast/cervical testing

Customers served in FY 2020 by BC3NP Local Coordinating Agency #15 and affiliated Providers

Federal funds:

- BCCCNP Caseload Services: **667** (out of a possible 640)
- BCCCNP Navigation Services: **8**
-

Total Cancers diagnosed:

- Breast cancer: **18**
- Pre-cervical/cervical cancer **2**



The Fiscal year 2021 brought changes to our enrollment process. All enrollment forms were approved through legal at the State level for a more consistent look across all local coordinating agencies.

Risk Assessment forms were added for Providers to complete along with the client's assistance so that appropriate testing would be performed from Screenings to Diagnostic testing based on individual risk factors. Screening MRIs were added to our list of Screening services paid by BC3NP for clients in the High-risk category.

Our Local coordinating agency continued to expand our reach in Genesee, Eaton and Lapeer counties by contracting with enrollment clinics and radiology sites.

Outreach activities were limited due to the pandemic.

Maternal & Child Health

Children's Special Health Care Services

Children's Special Health Care Services (CSHCS) is a program that offers medical care and treatment assistance for children and some adults with chronic, severe, disabling health problems; and provides service coordination to meet the needs of the child and family. Families of all income levels are eligible to enroll in the CSHCS program.

1. Average number of individuals receiving services: **952**
2. Case management participants: **41**
3. Over **535** care coordination contacts completed with families either in the office or on the phone.
4. Total number of plans of care completed by an RN: **120**, the majority completed over the phone.
5. Fund applications submitted: **03**. These funds assist families with purchasing equipment or care not covered by insurance. Some items that were covered for families include: van lifts, accessing Medicaid, assistive technology, and air conditioners.
6. Milestones/accomplishments: shared out information to families about new resources for immunizations through our monthly newsletter.
7. Feedback from surveys sent to families:
 - "Never get rid of Phyllis. She is always knowledgeable and polite."
 - "Dana is SO HELPFUL and always positive. She is wonderful."
 - "Everything was great. Thanks for everything."
 - "We are forever grateful for CSHCS!"
 - "We appreciate everything you do for us"
 - "Everyone is very helpful anytime I call with any questions!"

Healthy Families America

An intensive, evidence-based program that provides support and education to families in our community. Families can enroll anytime during their pregnancy and until the child turns 3 months old. Services continue until the child is 3 years of age and transitioned into Preschool. Healthy Families America is not income based. In 2021, HFA was granted additional funding from the Families First Prevention Services Act. This allowed us to hire two additional Care Coordinators to support families referred to us by Child Protective Services. FFPSA allows us to enroll a child up to 2 years old and provide education and support for three years. Collaboration between HFA and MDHHS has allowed us to serve more families and until the children are ready for Kindergarten.

2021 Data

- **85%** of families were unmarried
- **75%** unemployed
- HFA had a **95%** Acceptance Rate
- **77%** retained at 1 year
- **100%** of children received a developmental screen in their first year
- **89%** of families coping with Substance Abuse, Domestic Violence or Mental Health concerns

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)
269-373-5010 (CSHCS program line)
269-373-5042 (HFA program line)

Hours

Monday-Friday: By Appointment
Only
Call 269-373-5173 to schedule an appointment

<https://www.kalcounty.com/hcs/mch/cshcs/>

<https://www.kalcounty.com/hcs/mch/hfa/>



"My home visitor has been with me during some really hard times. I am so happy she was there for me." SS-parent

Maternal & Child Health

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

269-373-5279 (program line)

<https://www.kalcounty.com/hcs/mch/hbhs>

<https://www.kalcounty.com/hcs/mch/4dad>

Healthy Babies Healthy Start

Healthy Babies Healthy Start is a home visitation program that provides families with individual support during pregnancy, and after delivery. The program supports mothers, fathers, and families in ways that feel comfortable to them. Home visits are flexible and scheduled at the families convenience to provide families with the additional time and space to share and receive information; whether to guide through the pregnancy process, help prepare for labor and delivery, or connect to community resources.

Community Members Supported Through Home Visitation/Virtual Visits

- Pregnant Women: **143**
- Infants 0-11 months: **137**
- Children 12-17 months: **57**
- Non-pregnant Women: **91**

4Dad Fatherhood Program

The **4Dad Fatherhood Program** was established in 2015 to address the gap in resources for parenting fathers in the community. Serving as an extension of Healthy Babies Healthy Start Program, 4Dads offers guidance and support to area fathers, empowering them with information to support parenting.

Community Members Supported Through Home Visitation/Virtual Visits

- Men: **37**
- **36** free educational classes provided to the community virtually, and in-person.

Healthy Babies Healthy Start & 4Dad Fatherhood Program extends services to everyone in the community through free educational classes that support health promotion. Classes included parenting support, pregnancy health, family health, and men's health, financial literacy, post-partum depression support and more.

Client Satisfaction Comments:

I am very grateful for the 4Dad Fatherhood...I got lots of information and encouragement to bring up my son. It takes a village to bring up a child and 4Dad Fatherhood is a great one."

(Home visitor) has been a positive, supportive part of our network for many years. We appreciate her encouragement and her joy as she watched our boys grow up."

(Home visitor) is such a light of positivity in my life and has helped in many ways. I'll always be grateful I got to work with her."

Support Groups



Text 4DAD



One-to-One Support



Community Events



Maternal & Child Health

Contact Us

311 E. Alcott St.

Kalamazoo, MI 49001

269-373-5200 (HCS main line)

269-373-5067 (program line)

<https://www.kalcounty.com/hcs/mch/nfp/>

Nurse Family Partnership

Nurse-Family Partnership® (NFP) is an evidence-based, community health program that provides a personal registered nurse to eligible women pregnant with their first child. This partnership between first time mom and registered nurse begins early in her pregnancy and continues until her child reaches 2 years of age. (www.nursefamilypartnership.org).

NFP Model Goals:

- Improve Pregnancy Outcomes
- Improve Child Health & Development
- Improve Economic Self-Sufficiency

NFP by the numbers	2021
Clients receiving visits	174
Children receiving services	153
Infants born to participants	37
New clients enrolled	63
New clients race/ethnicity/age:	
African American	43%
Caucasian	43%
Multiracial	13%
Asian	None
American Indian	1.5%
Hispanic	9.5%
under 18 years old	11%
Clients that graduated from NFP	41
Number of completed client visits	1991
In person	376
Virtual (telehealth)	1615
Average length of visit	50 mins
Number of service linkages	702

"Amazing! I love being able to have the emotional connection & support. They are never anything but patient & loving towards my son & I" - NFP Client



NFP Outcome information	2021	
AA birth < 37 weeks gestation	7.1%	1 of 14 AA births (1 of 5 premature births)
Low or very low birth weight (birth wt 430 gms > 2500 gms)	5.4%	2 of 37 total births (no very low birth weight births)
Initiate breastfeeding:	97.3%	36 of 37 births
Breastfeeding at 6 mons:	45.5%	15 of 33 infants 6 mons or older with breastfeeding data (5 missing)
Breastfeeding at 12 mons	34.8%	8 of 23 infants 12 mons with breastfeeding data (5 missing)
Immunized at 6 months:	84.6%	33 of 39 infants
Fully immunized at 24 months	83.8%	231 of 37 infants
Subsequent pregnancy at 24 mons	31.0%	13 or 42 clients

Personal Health Division

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

Childhood Lead
269-373-5080 (program line)
<https://www.kalcounty.com/hcs/ph/lead-poison/>

Hearing & Vision
269-373-5029 (program line)
<https://www.kalcounty.com/hcs/ph/hv/>

Childhood Lead Poisoning Prevention

Childhood Lead Poisoning Prevention Program provides nursing case management for children with elevated blood lead levels over 3.5 mcg/dL.

In 2021 A total of **106** new clients and a total of **20** home visits provided education about lead hazards, ways to reduce lead exposure, healthy nutrition, and assistance with follow-up care.

Our lead prevention nurse provides education regarding reducing lead hazards, nutrition to prevent lead absorption, facilitates proper follow up and medical treatment, and facilitates application to the State's Lead Safe Home Program for assistance with home abatement. The ultimate goals of the program is to reduce blood lead levels in children under 6 years of age, and to permanently reduce lead hazards in homes to prevent future poisoning.

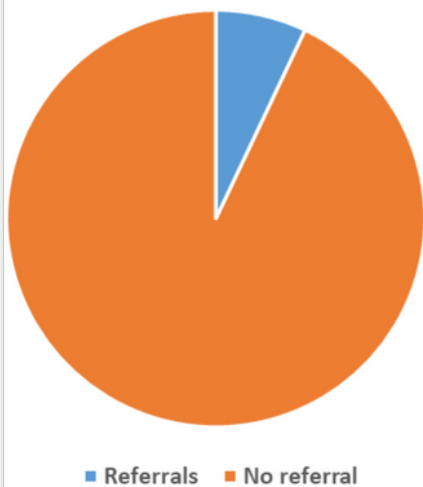


Hearing and Vision

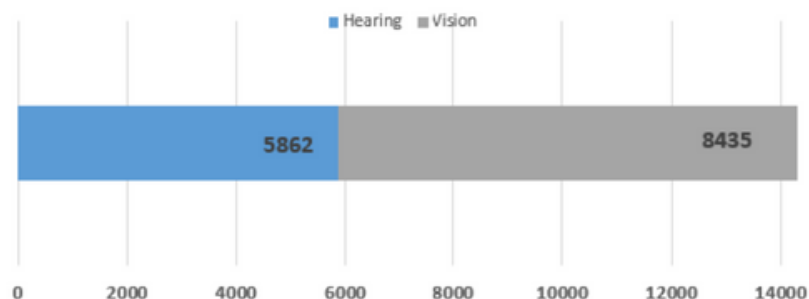
The **Hearing and Vision** team offers free screenings in collaboration with local schools and pre-schools as an early identification of any hearing and/or vision problems. The technicians had a challenging 2021-year d/t COVID-19 , the Certified Vision and Hearing technicians completed a total of **14,297** screens on children. With **8,435** vision screens and **5,862** hearing screens. Of this testing a total of **1,004** doctor referrals were made for children to seek further care for their hearing/vision deficits.



Screenings



Number of Hearing and Vision Screenings, 2021



Personal Health Division

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

Communicable Disease
269-373-5044 (program line)

WIC
269-373-5002 (program line)
269-373-5078 (fax)

<https://www.kalcounty.com/hcs/ph/wic/>

Communicable Disease

The **Communicable Disease** team monitors infectious diseases, this includes reportable diseases as well as outbreaks within Kalamazoo County, that affect residents by providing control measures and education to prevent further transmission.

In 2021, a total of **37,358** diseases were investigated.

- **229** Foodborne illnesses
- **77** Vaccine preventable diseases
- **293** Vector borne
- **292** Hepatitis A, B and C
- **5** Non-Covid19 outbreaks investigated
- **162** Animal Bites to follow up with Rabies prevention/education
- **63** Vaccine preventable titer blood draws
- **44** Quantiferon TB tests
- **505** TB skin tests

Women, Infants and Children (WIC)

The **Women, Infants & Children** program, more commonly known as WIC, provides nutrition education and counseling, monthly food benefits, support and help with breastfeeding and referrals to health care, immunizations and other programs.

2020 WIC Data*

- Enrolled over **5000** clients
- **18000+** Nutrition Education Contacts
- **900** Project Fresh vouchers distributed to clients for fresh fruits and vegetables at the Farmers Market
- WIC Program has provided **\$2,628,469.80** in food dollars in 2021, which supports local WIC families and businesses
- **68%** of WIC moms initiated breastfeeding when baby was born



"WIC helped with feeding a new baby who has to catch up on weight gain. I learned how much and how often. Staff really helped with brainstorming ideas, suggestions and recipes." -WIC client

Personal Health Division

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)

Routine Immunizations
269-373-5203

Travel Immunizations
269-373-5198

<https://www.kalcounty.com/hcs/ph/immunizations>

Hours

8:30 a.m. to 11:30 a.m.
1:00 p.m. to 4:00 p.m.
Monday-Thursday
8:00 a.m. to 12:00 p.m. Friday

Immunization Action Plan (IAP) & Travel Clinic

The IAP Program provides quality education and immunizations to community members of all ages, including those traveling internationally. In 2021, Kalamazoo County Health Department, administered a grand total of **90,568** vaccines. Of this number **88,574** were COVID-19 vaccines that were mostly administered at our mass clinics at the Kalamazoo County Expo Center and medium sized out-clinics throughout Kalamazoo County.

During this time the IAP Program was designated by the Michigan Department of Health and Human Services as a Hub to distribute COVID-19 vaccine and vaccine supply to Kalamazoo County and surrounding counties. IAP would also ensure those community partners that were supplied with the COVID-19 vaccine through the Kalamazoo County Hub, were aware of storage and handling rules and remained up to date with the multiple changes regarding vaccine administration practices.

In addition to serving the community, IAP is responsible for the oversight and management of the Vaccines for Children (VFC) Program at all 24 participating physician offices in Kalamazoo County. Each of the 24 offices is audited annually by KCHCS IAP to ensure correct VFC policies are in place, and that vaccines are being stored and handled properly.

Michigan Care Improvement Registry (MCIR)

In 2021, The **MCIR Region 2** Team became an integral part of the COVID-19 Pandemic Response. MCIR Staff were present at each Mass Vaccination Clinic held at the Kalamazoo Expo Center. Having the MCIR subject matter experts on-hand allowed for quick on the spot training, sharing of updates on the MCIR database communicated directly from MDHHS, and helped ensure the quality and timeliness data entry.

Early in the year, John Harwood took over as the lead for the Data Entry Team at the Mass Vaccination Clinics. These teams of 12-20 people were made up of HCS staff, members of the Michigan National Guard (MING), and community volunteers. John ensured that the physical patient forms were collected from the vaccination stations, counted, and distributed to the team for entry. The forms were then collected and securely transported to HCS for storage. John attended weekly Command and General Staff meetings and was able to provide updates on data entry efforts, report numbers of vaccines entered into the MCIR, and share news of bugs or enhancements to the database.

As more volunteers came on board to assist with COVID data entry, Bill Richter spearheaded efforts at HCS to train them in MCIR Basics to ensure data quality and consistency. Bill was the secondary MCIR contact at the Mass Vaccination Clinics and assisted with the on-site training efforts.

Taray Stratton and Lee Brazie worked diligently to manage the daily MCIR Help Desk activities, and to update the MCIR Region 2 website and News Screen with the latest and greatest COVID information and resources. These resources included over a dozen Training Video Primers on COVID functionalities added to MCIR throughout 2021.

From January until June of 2021 the Data Entry Team entered over **82,000** COVID vaccinations into the MCIR. They identified and merged duplicate records, updated names and contact information, and recorded Race and Ethnicity in MCIR for the first time.

Personal Health Division

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001
269-373-5200 (HCS main line)
269-373-5203 (program line)

https://www.kalcounty.com/hcs/ph/std_hiv_testing/

Hours

8:00 a.m. to 11:30 a.m.
1:00 p.m. to 4:15 p.m.
Monday-Thursday
8:00 a.m. to 12:00 p.m. Friday

STD & HIV Testing & Counseling

Provides confidential testing and counseling for anyone ages 12 and older. Conducts education and outreach throughout the year in schools and at community events. Much of 2021 was dedicated to COVID and therefore the following data is not a true reflection of the clinic's abilities.

2021 Rates for Kalamazoo County

- Chlamydia – **712.4** cases per 100,000 (3rd in the state's local health jurisdictions)
- Gonorrhea – **407.9** cases per 100,000 (4th in the state's local health jurisdictions)
- Syphilis – **25.2** cases per 100,000 (2nd in the state's local health jurisdictions)
- HIV – **15** new cases (MDSS 2021 data)

The Clinic had **1882** STD/HIV visits in 2021, serving **1263** patients. A wide variety of testing and treatment for STIs and HIV were done at these visits. The following testing was also done at Jim Gilmore Treatment Facility and the Victory Methadone Clinic.

- HIV Tests – **43**
- Chlamydia – **37**
- Gonorrhea – **37**
- Syphilis – **7**
- Court ordered test – **6**

The clinic also has a separate disease investigation service. They provide patient education, confirmation of treatment, partner tracing with education and appropriate testing/treatment of them as well.

Education events – in group sessions, on bacterial and viral communicable diseases.

- **1** session at an alternative school.
- **6** sessions at local residential substance abuse facilities.

In these 7 sessions **102** clients were educated.

Wear One Campaign

The Wear One campaign offers FREE condoms to local businesses throughout Kalamazoo County. The goal of the Wear One campaign is to increase access to condoms; decrease rates of Chlamydia and unplanned pregnancies; and create a consistent, positive sexual health message.

- Over **4,000** kits were delivered in 2021
- **5** new business were added as partners
- **1** University was added as a partner



Veterans Service Office

Contact Us

311 E. Alcott St.
Kalamazoo, MI 49001

269-373-5200 (HCS main line)

269-373-5361 (program line)

<https://www.kalcounty.com/hcs/veterans/>

Hours

Monday - Friday
8:00 a.m.-4:00 p.m.

2021 Highlights:

The Kalamazoo County Veterans Service Office added an additional member to the staff, bringing the number of accredited Veterans Service Specialists to two, with the supervisor also holding accreditation. 2021 saw the continuation of the use of the County Veterans Service Fund Grant through the Michigan Veterans Affairs Agency. In October, a major marketing campaign was initiated through the use of billboards and bus ads. 2021 also saw the creation of the VSO Newsletter which is released quarterly.

In 2021, Kalamazoo County's Veterans Service Office completed **136** compensation claims, **71** pension claims which include Aid and Attendance and Survivor's Benefits, and **48** requests for records. Altogether, **1,379** forms were filed, **729** interviews were conducted, and **2029** phone calls were received.

Partnerships, Events, Outreach

- **Integrated Services of Kalamazoo:**

- The partnership between the KCVSO and ISK continues through the collaboration of the VSO staff and the Veterans Navigator for ISK who is located within the office of HCS.

- **Project Connect**

- Project Connect was hosted by the Community Action Agency after a pause in 2020. This year's event was held outdoors.

- **Veterans Stand Down:**

- The VSO was proud to once again host the Stand Down in a drive thru model to keep our veterans and their loved ones safe and healthy while still providing access to resources, benefits, and a hot meal.

- **Kalamazoo County Veterans Day Event:**

- The Veterans Day Event was back on this year at Rose Park, with the Kalamazoo County Veteran of the Year award going to James Saur.



Department Directory

HCS Administration

Main Phone Line.....	269-373-5200
Medical Examiner.....	269-337-6173
Public Information Officer.....	269-373-5271
	269-373-5270

Programs

Area Agency on Aging IIIA.....	269-373-5173
Environmental Health.....	269-373-5210
Laboratory.....	269-373-5360
Household Hazardous Waste.....	269-373-5211
Public Health Emergency Preparedness.....	269-373-5025

Maternal Child Health

Breast & Cervical Cancer Control Navigation Program.....	269-373-5213
Children's Special Health Care Services.....	269-373-5010
Healthy Babies Healthy Start.....	269-373-5279
Healthy Families America.....	269-373-5042
Nurse Family Partnership.....	269-373-5067

Personal Health

Communicable Disease Surveillance.....	269-373-5044
Immunization & International Travel Clinic.....	269-373-5126
STD Counseling & Testing.....	269-373-5203
Tuberculosis Control.....	269-373-5203
Hearing & Vision Screening.....	269-373-5029
HIV Counseling & Testing.....	269-373-5208
Women, Infants and Children (WIC).....	269-373-5002

Veterans Service Office.....	269-373-5361
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311 East Alcott Street

Kalamazoo, MI 49001

PHONE 269-373-5200 | FAX 269-373-5363

www.kalcounty.com/hcs