

2022 ANNUAL STATISTICAL REPORT

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



Table of Contents

Mission Statement.....	1
Board of Commissioners Human Services Committee Administration	
Environmental Health Services	2
Personal and Preventative Health Services	
Clinical Health Services.....	3-5
WIC	6-7
PPHS STATS.....	8
Community, Health, Education & Promotion Services	9-18
CHEP STATS	19
Emergency Preparedness	20
Health Indicators STATS.....	21
Selected Leading Causes of Death Maternal/Infant Health Indicators	
Financial Report.....	22

Jackson County Health Department
1715 Lansing Avenue
Jackson, Michigan 49202
Telephone: (517) 788-4420 Fax: (517) 788-4373
Website: www.mijackson.org/hd  

Mission Statement

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

Jackson County Commissioners

James E. Shotwell, Jr., Chair
Corey Kennedy Vice-Chair
Tony Bair
Phillip S. Duckham, III
Jeromy Alexander
Earl Poleski
Rodney Walz
Darius Williams
Ray Snell

Human Services Committee

Earl Poleski, Chair
Ray Snell, Vice-Chair
Tony Bair
Jeromy Alexander
Darius Williams

Jackson County Administration

Mike Overton – Administrator/Controller
Debra Kubitskey – Assistant Administrator

Jackson County Health Department Administration

Kristin Pluta, Health Officer
Dr. Dennis Chernin, Medical Director
Matthew Budd, Deputy Health Officer, Personal & Preventative Health Services
Holly Flickinger, Deputy Health Officer, Community Health, Education & Promotion
Don Hayduk, Director of Environmental Health
Stephanie Baker, Emergency Preparedness Coordinator

Environmental Health Services

The science and practice of environmental health, as conducted by division staff, provides protection from environmental factors that may adversely impact human health and helps to maintain the ecological balances essential to long-term environmental quality. It is the responsibility of the Environmental Health Division to ensure the relationship between the public and the environment remains positive and healthy. We enforce state and local regulations to protect the citizens of Jackson County from potentially hazardous and unhealthy environmental conditions. We are a resource to the community by providing services through the following programs: Onsite Sewage and Water, Department of Health and Human Services Housing Inspections, Groundwater Contamination Sampling and Investigations, Non-Community Water Supply Surveys and Assessments, Food Service Establishment Inspections, Restaurant Plan Review, Public Campground Inspections, Household Hazardous Waste Referral, Radon/Indoor Air Quality Education and test kit sales, Public Swimming Pool Inspections, Subdivision/Site Condominium Review, Soil Erosion and Sedimentation Control Permitting and other investigative/consultative related services.

2022 in Review

- Business activity remained strong in Jackson County in 2022 as evidenced by above average permitting levels in the private well and onsite wastewater programs.
- Food service plan reviews were way above average as the food and beverage industry rebounded strongly from the Covid 19 restrictions.
- Temporary food permits were especially high during the summer of 2022.
- The process of transferring the Soil Erosion and Sedimentation Control program to the Jackson County Department of Transportation was started. Completion of the transfer is expected in January 2023.

Environmental Health Statistics

	2019	2020	2021	FY 2022
Food Service Licenses Issued	458	469	453	450
*Restaurant Inspections	782	704	700	650
Restaurant Plan Reviews	19	14	29	38
Temporary Food Licenses Issued	120	34	87	137
Food Service Complaints Investigated	68	23	28	19
MI Department of Human Services Inspections	25	66	58	45
Onsite Wastewater Permits Issued	225	290	269	260
Onsite Wastewater Inspections	169	245	200	236
Water Well Permits Issued	266	283	312	301
Wells Abandoned	78	70	26	64
Non-Community Water Supplies (Monitored Quarterly)	214	214	210	212
Soil Erosion & Sedimentation Control Permits Issued	106	103	100	126
Campground Inspections	28	29	26	26
Swimming Pool Inspections	47	42	42	40

*Includes fixed food establishments, special transitory food units, and follow-up inspections.

Note: 2019 – 2021 are Calendar Year data. 2022 is Fiscal Year data, Oct 1, 2021 - Sept 30, 2023

Personal and Preventative Health Services

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 Sexual Health Clinic, Immunization Clinic, HIV/AIDS Testing & Counseling, Communicable Disease Program, the Immunization Action Plan and Women, Infants, and Children (WIC). Primary goals of the clinical services include preventing and reducing the transmission of communicable disease, protecting the community against vaccine preventable disease through the administration of vaccines and decreasing the spread of HIV/STDs through the process of testing, treatment, partner notification and counseling. The WIC program provides nutrition education and supplemental food benefits to families in the community. Additionally, families are provided with referrals to other programs throughout the Health Department, including Immunizations, Smiles on Wheels and other community health programs. Clinical Services continues to be impacted by the COVID-19 pandemic through a continued need to clarify CDC & MDHHS guidance, monitor outbreaks and maintain an inventory of COVID-19 vaccines for the community.

Sexually Transmitted Diseases & Human Immunodeficiency Virus (HIV)

- A quality improvement project was implemented at the Sexual Health Clinic that emphasized increase screening of oropharyngeal and rectal gonorrhea and chlamydia screening. We found a gap in extra-genital screening in our community; we are working to increase screening and treatment for these infections at our clinic and in our community.
- The clinical division of the Personal and Preventative Health Services Division was excited to host the executive director of the Aware Shelter in July regarding sexual assault training. This training enabled us to have a better understanding of these crimes including definitions, behavioral analysis of perpetrators and possible victim profiles. The training provided us with a better understanding of the local response. We received a variety of resources and learned how the process of helping survivors works. This information had a use immediately, as the next day we worked with a medical provider that had questions about resources for victims of sexual assault.
- The Clinical Health Services uses social media to reach vulnerable population with awareness, education and notification of outreach events. STD Awareness Week occurs in April each year and the 2022 campaign focused on reducing STI related stigma, fear and discrimination; information related to prevention, testing and treating was also shared.
- We collaborated with Jackson Health Network in August to provide information on identifying, testing and delivering patient care to clients with and exposed to Mpox. In addition to providing vaccines to our community at our clinic, we collaborated with the Jackson Pride Network and Jackson Pride Center to provide Mpox vaccine clinics at United Way.

Communicable Disease

- One-hundred and sixty eight outbreaks were identified and tracked by communicable disease staff in FY22. One-hundred sixty one of the outbreaks were COVID-19 outbreaks, often occurring when there was spread at a long term care facility, school, or jail. There was an increase in other outbreaks in FY22, as outbreaks of Noro Virus, Pink Eye, influenza, and Scabies were identified. When an outbreak occurs we reach out to the affected individuals and/or group affected and offer support including information related to reducing the spread and reducing the impact of the disease on the individuals.
- Communicable disease staff trained 17 health professionals in the community how to conduct tuberculosis testing. Training of additional health professionals in performing tuberculosis skin testing allows for greater resilience in our community when it comes to identifying and treating tuberculosis infections.

- An outbreak of Shiga toxin-producing E. Coli (STEC) affected several Mid-west states during July and August of 2022; fast food lettuce was determined as a likely culprit of the outbreak. Three cases occurred in Jackson and investigations by the Environmental Health and Communicable Disease teams helped link the outbreak to the source of infection.

Personal and Preventative Health Services Clinical Health Services

Immunization Program

- The Jackson County immunization rates for children 19-35 months is 73.5% as compared to the state rate of 67.5% (4313314 coverage). Vaccine rates continue to be lower than pre-pandemic vaccine rates. When the recommended two doses of Hepatitis A vaccine are added to this profile, the rate for Jackson County decreases to 61.2% versus a state rate of 54.7%. (*Jackson County Immunization Report Card – [As of December 31, 2022](#)*)
- The current Jackson County rate for teens immunized in the 132321 series (1Tdap-3polio-2MMR-3HepB-2varicella-1MCV4) is 79.9%, compared to the state average of 72.8%. State and county immunization rates are lower than FY21 rates. The current rate for the same vaccine series, with the addition of the recommended 2 to 3 doses of the HPV vaccine (1323213) however drops significantly to 47.9% (versus state rate of 42.9%). (*Jackson County Immunization Report Card – [As of December 31, 2022](#)*).
- Jackson County has better immunization rates than the state average. Unfortunately, the COVID-19 pandemic greatly affected immunization rates, which puts the community at risk for local outbreaks of vaccine preventable diseases. Outreach efforts include intensive monitoring of profile reports, recall letters and phone calls, parent letters, encouraging providers to assess and administer adolescent vaccinations at all opportunities, collaboration with schools, use of the “I Vaccinate” social media campaign, and providing immunizations to “hard to reach” populations.
- Immunization and Women, Infants and Children (WIC) staff continue to work in partnership to assess and vaccinate children and adults who are not up to date with the recommended immunization schedule. The WIC immunization rate for 4313314 (4Dtap-3IPV-1MMR-3HIB-3HepB-1Var-4PCV) series for children 19-35 months was 77.3%, exceeding the state’s rate of 71.3% (*Jackson County Immunization Report Card – [As of December 31, 2022](#)*).
- Jackson County continues to have one of the strongest school immunization reporting programs in the state, with inception of the Jackson County Immunization Resolution (06-17.12) and the School Immunization Procedures Manual, which went into effect in August of 2017. For FY 2022, 337 waiver education sessions were provided and 419 non-medical immunization school waivers were completed; this is a decrease in the amount of immunization waiver education sessions and non-medical immunization waivers provided since last year.
- The COVID-19 pandemic greatly affected vaccination rates in Michigan communities by restricting availability of routine vaccinations. From October 1st, 2021 to September 30th, 2022, the Jackson County Health Department provided 5594 vaccines to children and adults.

Personal and Preventative Health Services

Women, Infants & Children (WIC) Program

- In FY 2022, the Jackson County WIC program maintained an average ongoing enrollment of 4259 women, infants and children. Enrollment is based on how many WIC participants have certification periods included in a designated month. The average participation in FY 2022 was 3641. Participation is based on benefits being issued. In 2023, Jackson County WIC will focus efforts on issuing benefits to families who are enrolled in WIC to help increase the participation numbers.
- Jackson County WIC participants spent about \$2,236,373 in total EBT food dollars at local vendors during FY 2022. This was an increase of over \$100,000 from FY 2021. With a decrease in enrollment and participation from FY 2021, the increase in WIC dollars spent can be attributed to the increased cost of groceries. This demonstrates what a substantial impact the WIC program not only has on our participants, but also our community.
- In FY 2022, 30 children were lead screened in the WIC program. Jackson County WIC has continued to incorporate child lead screenings into daily clinic services for ages 1-3 in attempt to increase the number of lead-screened children in our county. Children with elevated lead levels are referred to the Children's Special Health Care program nurse for follow-up. When WIC clinic services went remote due to the COVID-19 pandemic, lead testing was put on pause, beginning mid-March 2020. Lead testing in the Jackson County WIC program resumed in May of 2022 for families who chose to come in to the clinic for an in-person appointment.
- Project Fresh, a special WIC summer program offering coupons for free fresh fruits and vegetables from local farmers' markets, had an estimated coupon redemption rate of 54% for summer 2022, which was down from 65% in 2021. Almost 400 coupon booklets were issued to Jackson County WIC families in summer 2022, which was an increase of 200 booklets for issuance.
- In October 2022, breastfeeding initiation rates for WIC newborns increased to 77.6%, up from 68.3% in November 2021. WIC Breastfeeding Peer Counselors have continued to put forth a strong effort to continue increasing this rate for 2023. They are also focusing on improving the breastfeeding duration rates in our county. Jackson County has two part-time Breastfeeding Peer Counselors on staff, for a total of 1.5 FTE.
- In FY 2022, WIC Breastfeeding Peer Counselors had an average of five one-on-one client contact appointments per month, with pregnant women and postpartum breastfeeding WIC mothers. These are scheduled, 45 minute appointments (or longer), working with moms who are having difficulty latching their baby, need help with increasing low milk supply, have breast pump issues, or various other situations where a WIC Peer Counselor's assistance is the key to a positive and successful breastfeeding experience.
- WIC Breastfeeding Peer Counselors taught WIC breastfeeding education classes with WIC Registered Dietitians. An average of 4 WIC mothers attended class each month in 2022. Class size ranged from 1-6 clients per class, depending on show rate. Classes were generally held twice a

week, on Tuesdays and Wednesdays. WIC Peer Counselors also offered alternate prenatal education opportunities (one-on-one visits) for moms who could not attend set class times.

- Breastfeeding Peer Counselors sat on the local Jackson County Breastfeeding Coalition, and assisted with promotion and organization of several community breastfeeding events throughout 2022. Social media was also utilized with their own WIC Breastfeeding Peer Counselor Facebook page to support and encourage breastfeeding mothers and pregnant women, locally as well as throughout Michigan.
- In October of 2021, 21.81% of Jackson County's WIC participants were considered high-risk. Of the pregnant women, 38.7% were considered high-risk. In September of 2022, 56% of pregnant women were high-risk. High-risk codes for pregnant women include: low maternal weight gain, Gestational Diabetes, Hyperemesis Gravidarum and history of preterm labor, miscarriage, or birth defects. All high-risk participants are offered nutrition counseling with one of the two WIC Registered Dietitians. During FY 2022, WIC Registered Dietitians conducted more than 300 nutrition counseling appointments.

Personal and Preventative Health Services

Immunization Clinic			
	FY2020	FY2021	FY2022
Total Immunizations Given*	2,420	17,645	5594
Flu Vaccine Given	527	582	189
COVID-19 Vaccine Given	0	16,372	3,639

* Total immunizations given includes seasonal flu and COVID-19 vaccines.

Communicable Disease (CD) Program			
	FY2020	FY2021	FY2022
Reportable CD Cases*	309	478	733
COVID-19 Cases	1162	17,563	27,625
Community Outbreaks	74 72 COVID-19	113 112 COVID-19	172** 161 COVID-19
Foodborne complaints investigated	48	19	23

* Includes viral hepatitis, vectorborne diseases, tuberculosis, potential rabies exposures, vaccine preventable diseases, meningitis, influenza, and foodborne illnesses. Does not include sexually transmitted or other transmitted diseases.

** Includes Noro Virus, Pink Eye, Influenza, Scabies, and COVID-19 outbreaks

Sexually Transmitted Disease Clinic (STD)			
	FY2020	FY2021	FY2022
Clients Examined	858	277	529

Jackson County Sexually Transmitted Disease			
	FY2020	FY2021	FY2022
Gonorrhea	306	448	285
Syphilis (Early Latent)	7	6	12
Syphilis (Primary)	2	2	1
Chlamydia	733	763	688

Tuberculosis Clinic			
	FY2020	FY2021	FY2022
Newly Diagnosed TB	2	1	2
Newly Diagnosed Latent TB	12	11	10
PPD (tuberculosis skin test) administered	231	102	282
Community health professionals trained by CD staff for TB skin testing	10	0	17

HIV / AIDS			
	FY2020	FY2021	FY2022
HIV/AIDS – number of clients receiving testing at JCHD	421	159	321
HIV Prevalence Rate** per 100,000 population	168.0	172	176

* HIV “new cases” represents Jackson County cases and does not include MDOC cases.

** HIV Prevalence Rate from Countyhealthrankings.org

Rabies			
	FY2020	FY2021	FY2022
Animals Tested	91	82	98
Animals Positive	2	2	1

WIC			
	FY2020	FY2021	FY2022
Average Monthly Participants Enrolled	4,411	4,609	4,259
Average Monthly Participation	4,154	4,239	3,641
Jackson County Infant and Child Enrollment	4,793	4,826	4,751
Jackson County Women Enrollment	1,792	1,689	1,628

Community Health, Education and Promotion

Children's Special Health Care Services (CSHCS)

- The CSHCS team had revenue in Plans of Care (POC's) of \$49,200. The team completed 442 Plans of Care, 95 care coordination's and 0 case management visits.
- CSHCS staff participated in outreach efforts and collaborations with agencies such as: Jackson Emergency Needs Coalition, Felician's Children's Center, JDRF Walk, local pediatric offices and WIC Project Fresh. These outreach efforts resulted in approximately 328 community encounters.
- In an effort to increase knowledge of Children's Special Health Care Services, presentations took place for Jackson Community Baby Shower, University of Michigan Nursing Students, Michigan State University Nursing Students and Spring Arbor University Nursing Students.

Elevated Blood Lead Nursing Case Management

- JCHD nursing lead case managers provided a total of 26 home visits to eligible children in Jackson County who had venous confirmed blood lead levels of greater than or equal to 3.5 ug/dL. These visits resulted in \$5,241.08 in lead reimbursement. Families receiving lead nurse case management receive education on proper cleaning of potentially contaminated lead surfaces and proper nutrition.

Maternal Infant Health Program (MIHP)

The MIHP Program participated in outreach efforts, presentations and collaborations with agencies such as: Michigan Department of Health and Human Services (MDHHS), Center for Family Health (CFH), Jackson Community Baby Shower, local pediatric offices, WIC, Jackson Emergency Needs Coalition, Drug Free Jackson, Great Start Readiness Program, Region 9 Perinatal Collaborative and Community Action Agency (CAA) Early Head Start Program. Social media platforms, such as, Facebook and Instagram are utilized to promote program services as well. These outreach efforts resulted in approximately 373 community encounters.

In FY2022 MIHP completed a total of 1,601 out of the anticipated 1,610 maternal and infant visits in the Jackson Community for a total of a 99.4% completion rate. This is a 10% increase from FY21.

Community Health, Education and Promotion

Early On

- The Early On Program (Part C) at JCHD provided service coordination through 289 family home visits.
- 209 children enrolled in 2022. This includes children also enrolled in Early On through the JCISD.
- The Strand Report of Family Outcomes results, for FFY 2021, showed that of Early On parents in our service area:
 - 78.95% agreed that Early On helped families know their rights. This result is above the state target of 67.31%.
 - 60.53% agreed that Early On helped families effectively communicate their children's needs. This result is below the state target of 61.13%.
 - 89.47% agreed that Early On helped families help their children develop and learn. This result exceeds the state target of 82.38%.
- Jackson County Early On has provided additional support to families by providing music therapy classes through Harmony Garden Music Therapy Services Sprout Program.

Fetal and Infant Mortality Review (FIMR)

- In the calendar year of 2022, FIMR resumed services. A full time FIMR nurse started at the end of 2021 after the position had been vacant for about a year. The FIMR nurse gathered information on 37 infant deaths ranging from 2019 to the end of 2022. In March, the FIMR Case Review Team (CRT) also resumed. The CRT reviews de-identified infant death cases prepared by the FIMR nurse. After review, the team makes recommendations for change within the community to prevent future deaths and promotes the wellbeing of our youngest residents. In 2022 there were:
 - 8 infant deaths
 - 17 deaths reviewed by the CRT (deaths occurred between 2019 and 2021)
 - 23 recommendations for change
 - 4 infant bereavement visits for grieving families
- Based on needs identified by the CRT, infant safe sleep education continued to be a big part of Jackson County FIMR.
 - 596 Individuals were provided safe sleep education
 - This was completed by the FIMR nurse directly and through partnerships with Women, Infants, & Children (WIC), Maternal Infant Health Program (MIHP), Children's Special Health Care Services (CSHCS), Early On and Partial to Girls
 - 2 infant safe sleep presentations to Jackson College Nursing Students
 - 6 infant safe sleep presentations to grandparents through the Department On Aging
 - JTV appearance during Infant Safe Sleep Awareness Month (October)
 - 2 Additional appearances for World Prematurity Day and Holiday Safety for Infants and Toddlers
 - 4 Facebook Posts about infant safe Sleep
 - 1 Press Release on infant safe sleep
 - WILX based an article off the press release
 - 27 Pack-N-Plays provided to at risk families

Community Health, Education and Promotion

Maternal Infant Health Program			
	FY2020	FY2021	FY2022
Maternal Clients	72	87	125
Infant Clients	117	106	127

Children's Special Health Care Services			
	FY2020	FY2021	FY2022
Families Enrolled	763	753	765

Childhood Lead Poisoning Prevention Program			
	FY2020	FY2021	FY2022
Nursing lead home visits provided	25	23	26
Lead screenings completed in WIC clinic	277	0	30
Number of children less than 6 years old with elevated blood lead levels greater than or equal to 3.5 ug/dL (5.0 ug/dL for FY2021-2022) in Jackson County (venous and capillary)	111	68	143

Early On			
	FY2020	FY2021	FY2022
Children Enrolled	287	118	192

Fetal Infant Mortality Review (FIMR)			
	FY2020	FY2021	FY2022
Cases Reviewed	6	0*	17**
Bereavement visits conducted for grieving parents	3	0*	4
Cribs distributed with safe sleep education	37	20	27
Safe sleep brochures distributed	335	316	436
Individuals reached with Safe Sleep education	335	1,717	596

* Zero cases reviewed and zero bereavement visits conducted as the FIMR role was vacant during the 2021 fiscal year

**Number higher due to back log of cases needing reviewed from previous year

Community Health, Education and Promotion

The Community Health, Education and Promotion (CHEP) Division encompasses a variety of services and programs to help educate and empower individuals, groups, organizations and communities to play an active role in achieving and sustaining healthy lifestyles. The following programs reside under CHEP:

- Health Education and Promotion Programs include Teen Pregnancy Prevention, Empowering Youth Today, Childhood Lead Poisoning Prevention, Generation with Promise nutrition programming, Medical Marijuana Oversight and Medicaid Outreach Promotion. Health resource advocates are also supported under this division. Health resource advocates provide education, support and presentations to school aged students with a focus on Covid-19 and other health related factors exacerbated by or supported in prevention of the Covid-19 pandemic.
- Hearing and Vision Program provides state mandated hearing and vision screenings for students in local school districts and on-site community clinics, as well as the state required Kindergarten Oral Health Assessment Program.
- Community Health Programs including Maternal Infant Health Program, Early On Part C, Fetal Infant Mortality Review, Children's Special Health Care Services, and Lead Nursing Case Management. The goals of Community Health Services include: improving the health of pregnant women and children through nursing and social work visits; decreasing developmental delays through evaluation and home visiting, reducing the rate of fetal and infant death by identifying causative and contributing factors and making recommendations for system change; increasing access to specialized medical care and equipment for children and young adults living with certain disabilities or chronic illness.

Hearing and Vision Screening Program

Vision (School Year 21/22)

1. 8,543 vision screenings completed
2. 1,472 or 17% of children screened were referred to physicians for follow-up
3. 373 or 25% of children referred for vision follow-ups were reportedly seen by a physician

Hearing (School Year 21/22)

1. 6,385 hearing screenings completed
2. 120 or 2% of children screened for hearing were referred to physicians for follow-up
3. 15 or 13% of children referred for hearing follow-ups were reportedly seen by a physician

Kindergarten Oral Health Assessment (July – September 2022)

1. 146 oral health assessments completed
2. 41 appeared to have treated decay while 50 had untreated decay
3. 3 reportedly had urgent dental needs and were referred to a dental care provider
4. 0 specialist referrals

Medical Marihuana Oversight Grant

- The Jackson County Health Department (JCHD) received funding in the amount \$54,179 from the Michigan Department of Licensing and Regulatory Affairs (LARA). This funding was used to increase education, communication and outreach regarding the Michigan Medical Marihuana Laws for residents of Jackson County from January 1st, 2022 through September 15th, 2022. Funding is calculated based proportionally on the number of medical marihuana registry identification cards issued or renewed in Jackson County as of September 30, 2021.
- Approximately 300 marijuana lock bags and educational folders were distributed to Jackson residents during the course of this grant. Folders included information on safety, talking to teens about marijuana and education on marijuana use during pregnancy/breastfeeding.
 - Partnerships and connections were made with local dispensaries to assist in the campaign of safe storage with a strong focus on education for those with children. This resulted in 12 connections being formed with local dispensaries.
 - The use of marijuana education videos and quizzes were utilized to help gauge knowledge base and allow for support in providing further education to those who were seeking a lock bag. These were implemented with community partners, and other internal health department program clients.
 - Advertising through MLive, newspaper and community outreach events were implemented to inform and educate the community about the program.

Community Health, Education and Promotion

Empowering Youth Today (EYT) Program

The Empowering Youth Today (EYT) Program received \$150,000 in funding from the Michigan Abstinence Program. This funding was used to provide positive youth development education to youth ages 10-15; students receive school based and community service learning hours.

- 350 students initiated the program to receive the 20 mandated lessons between Parkside Middle School, Hunt Elementary, Sharp Park and the Get REAL summer program
- 123 students initiated the program to receive the mandated 20 lessons and the minimum requirement of 10 community service learning
 - Participants included Hunt Elementary and the Get REAL Summer Program
- In 2022 the program guidelines expanded to include the requirement of an afterschool group for youth to participate in. This resulted in the BOSS (Built on Self Success) Club being formulated
 - 15 youth participated in BOSS club
- EYT staff were connected with Craig Hatch to begin brainstorming an idea to start the Jackson County Jr. Chamber of Commerce Project.

The six week Get REAL Summer Program had 85 youth enrolled, age 10-15; fifty five to sixty youth participated on a regular basis. There were 10 mentors, 1 college staff and 1 outreach worker who mentored youth weekly throughout the summer. This year the program operated with one less college student than typical, and therefore further support from JCHD staff were present. The program was held at St. Paul's Episcopal Church and met three times a week. Participants enjoyed weekly fieldtrips, service-learning opportunities, education on the value of physical activity from a community partner, and a parent celebration.

- The Get REAL program supported the Jackson Community through community service projects at the following sites: Lifeways, Dahlem Center, Jackson Animal Shelter, Partial to Girls, Vista Grande Villa's intergenerational garden, Together We Can Make A Difference, and Jackson County Fair Grounds.

Health Resource Advocates (HRA's)

A federal grant was implemented in the amount of 459,156 to support The Health Resource Advocate Program. This funding was used to provide COVID-19 education, contact tracing and supports to the community and schools for students and families ranging in age between Kindergarten and 12th grade.

The Health Resource Advocates built relationships with all school districts within Jackson County. Supports for COVID-19 efforts included, contact tracing, test distribution and education.

- 264 tests were administered by HRA's at testing clinics throughout the year
 - Clinic locations included schools, JCHD, and fire stations
- 400+ at home tests were distributed to the local schools and community partners and community members

- Vaccine clinics were also held at local schools including East Jackson Elementary, Lyle Torrent, Middle school at Parkside, Northeast Elementary, DaVinici High School, Vandercook (Townsend) Elementary, Jackson High School, and Northeast Elementary
- Additional COVID-19 resources were provided to many community partners through outreach events or developed connections
 - Areas include Partial to Girls, food pantries, open houses, YPOP, WIC project fresh, and other community outreach events
- Program development and implementation of handwashing presentation occurred at 9 local schools. This was to support education of how to reduce COVID-19 transference for younger school aged students
 - Handwashing programs resulted in 1000+ students being educated
- Two summer programs ran to support kids with education on physical activity, handwashing and healthy nutrition, with emphasis on how these topics help combat the COVID-19 pandemic
 - Partnership with Mocha Café for 3 weeks and reached a total of 20 youth each week
 - Partnership with local fitness facility in LHIT (Living Health Internally Today) for 4 weeks and reached a total of 10-15 youth each week.
- Funding secured the purchase of 30 portable sinks. 21 of these sinks were provided to local schools and community partners to support in the effort of increased handwashing.
- Funding also secured the purchase of 1000 hygiene bags. Distribution of these bags were in partnership with the Jackson County Health Department program Empowering Youth Today program and given to youth after the completion of hygiene/puberty education.

Community Health, Education and Promotion

Medicaid Outreach

- A staff person from the Department of Health and Human Services (DHHS) is currently housed on the ground level of the JCHD who can provide immediate assistance and answer questions that come up with staff and clients regarding Medicaid enrollments, benefits, reopening a case, case closures, dropping off information for a caseworker, etc. This system is working great with our clients.
- JCHD programs and service, specifically those that serve Medicaid eligible families, are promoted throughout the community via social media.

Generation with Promise Program

- The Jackson County Health Department received around \$10,428 in Supplemental Nutrition Assistance Program Education (SNAP-Ed) funding through a contract with Henry Ford Jackson and the Michigan Fitness Foundation. This funding is used to provide SNAP-Ed in the early education/early childhood environment in Jackson County, on behalf of Henry Ford Jackson.
 - The goal is to increase fruit and vegetable consumption and physical activity, in order to improve the overall health of the population.
 - The curriculum utilized was LANA (Learning about Nutrition through Activity).
 - LANA was provided to 3 Head Start sites: Ashton Ridge, Chalet Terrace, and Shahan Blackstone.
 - A total of 45 students received the LANA education

Community Health, Education and Promotion

Childhood Lead Poisoning Prevention Program – Education and Outreach

- Presentations were offered to daycares, childcare centers, health care professionals, churches, and non-profit groups. In person presentations were still limited due to the COVID-19 pandemic. The focus remained on providing educational materials through displays and exhibits.
- Families of children who received blood lead testing and those who were due for blood lead testing remained the focus of outreach efforts. Approximately 32 letters were sent to children who had an elevated blood lead level and 1,550 letters were sent out to families of children who had not received lead testing.
- 268 letters and flyers were sent to licensed daycare and childcare facilities (2 mailings of 134 letters) in efforts of providing information on lead and to offer presentations to staff and parents. The following groups also received letters and flyers offering education; Partial to Girls, Residents in Action and Trusted Advisors.
- Six lead cleaning buckets were distributed to families where a child was identified to have an elevated blood lead level.
- An EPA RRP Certification (Renovation, Repair and Paint) class was held, where approximately 24 people were certified by instructors from the Chicago Regional EPA Office. Each participant received a packet of lead information, including an EPA booklet, as well as, resources available through the Jackson County Health Department.
- Facebook was used as a major tool for educating the public about lead poisoning and promoting the EPA RRP Class, as well as, promoting Lead Poisoning Prevention Week. A yearly total of 28 posts resulted in 20,964 post impressions and 248 post engagements.
- 10 Lead Education Toolkits were distributed.
- Extensive work was conducted to promote the end of the Magellan Lead Care Recall including providing education to local Health Care Providers in the form of letters, educational materials from Magellan, website links and Facebook posts as well as working with Jackson Health Network Directors to distribute the information.

Community Health, Education and Promotion

Teen Pregnancy Prevention Initiative (TPPI) and Teen Outreach Program

- The Jackson County Health Department continues to coordinate the Teen Pregnancy Prevention Initiative, partially funded by United Way of Jackson County, in the amount of \$20,000 for a 12-month period. The main goals of the TPPI are to improve adolescent sexual health, improve parent-child communication and increase community awareness. Strategies include conducting monthly TPPI Advisory Committee meetings, maintaining an active Teen Advisory Council – DRIP (Developing Responsibility In our Peers) with 17 students, working with school Sex Education Advisory Committees to ensure evidence based curricula is in place and implementing/participating at community awareness events. An average of 8-12 agency/community representatives are part of the TPPI Advisory Committee.
- The TPPI Strategic Action Plan was updated in February 2022. The goals included in this plan will be accomplished during the 2 year approved grant cycle from FY 2022-2024.
- TPPI facilitated its eleventh year of the Teen Outreach Program (TOP) in Jackson County. This occurred through Taking Pride in Prevention supported by the Michigan Department of Health and Human Services. The program took place from October 2021 through July 2022. TPPI implemented 7 in-person TOP Clubs occurring at Jackson High (1), Jackson Pathways (2), Western Career Prep (2), DaVinci Middle School (1), and Fourth Street Middle School (1). A minimum of 2 lessons were taught each week over the course of a 12 week trimester at each site. Additionally a total of 14 community service hours were completed through the trimester ranging in session between 2-5 hours. Programming was initiated for 183 youth through the facilitation of 7 clubs. For the fiscal year 2022, 90 youth completed 75% of TOP programming.
- Two parenting events occurred in 2022. One event was a collaboration with parent action for healthy kids organization, atlas cosmetology school and TPPI. The event included parent education on the importance of self-care, and each participant received a free spa service, 8 parents attended this event. Additionally a TETO (Talk Early Talk Often) was held in July of 2022 in partnership with parent action for healthy kids organization and 13 parents attended.
- Regular updates on the TPPI are included on the Facebook page, which can be found at the following link: <http://www.facebook.com/#!/JacksonTeenPregnancyPreventionInitiative> and the TPPI Instagram page can be found at: <https://www.instagram.com/tppijackson/>

Community Health Education and Health Promotion

Empowering Youth Today Programs			
	FY2020	FY2021	FY2022
Youth Completing Curriculum	232	188	350
Schools Completing Curriculum	2	2	3
GET REAL Summer Program	0	48	60
Childhood Lead Poisoning Prevention Program – Community Partners			
	FY2020	FY2021	FY2022
Landlords Reached	1	1	
Lead Education Materials Distributed	91	119	268
Buckets of Cleaning Supplies Distributed	12	14	6
Childhood Lead Poisoning Prevention Program – Outreach and Education			
	FY2020	FY2021	FY2022
Presentations Provided	1	0	
People Reached	66	124	
Toolkits distributed (includes Provider, Lead, and Lead Swab)	39	202	10
Hearing and Vision Screening			
	SY 19/20	SY20/21	SY21/22
Hearing Screenings Performed	4,929	3,547	6,385
Vision Screenings Performed	7,969	4,659	8,543
Teen Outreach Program			
	FY2020	FY2022	FY2022
Youth Served	62	0	183
Parents Reached	0	8	21
Medicaid Outreach			
	FY2020	FY2021	FY2022
Individuals Informed about Medicaid	7,358	5,502	7,058
Individuals Referred to Programs / Services	348	347	658
Teen Pregnancy Prevention Initiative			
	FY2020	FY2021	FY2022
Teen Advisory Council Members	6	16	17
Community Events Attended	1	2	7
Kindergarten Oral Health Assessment			
	SY 19/20	SY20/21	SY21/22
Assessments Performed	N/A	N/A	146
Marihuana			
	SY 19/20	SY20/21	SY21/22
Lock bags provided to community	367	190	300-350
Health Resource Advocates			
	SY 19/20	SY20/21	SY21/22
Tests Distributed to community	NA	NA	664
Number of schools who received handwashing presentation	NA	NA	9
Generation with Promise			
	SY 19/20	SY20/21	SY21/22
Number of schools receiving nutrition education	3	3	3

Emergency Preparedness- 2022 Highlights

Public Health Emergency Preparedness is defined as the capability of public health, health care, the community, and individuals to prevent, protect, respond, and recover from emergencies with implications to public health. The goal is to provide a rapid and efficient response.

While 2022 did not bring an end to COVID-19, it brought a shift in focus that included an assessment of the emergency preparedness needs of our staff and community. It was time for trainings about how the health department responds to other types of emergencies and plans needed to be updated to reflect changes in how we provide service to the public. Many new staff and department administrators were hired during the pandemic and were unfamiliar with emergency preparedness. Community contacts had been built due to COVID response, and we wanted to maintain and grow those to ensure a broad knowledge of health department services.

Community Connections

- Prior to the pandemic, work had begun to enhance the health department's emergency response plans to ensure that they addressed the needs of residents with functional and access needs. A portion of our population, due to factors such as age, disability, mental health issues, or lack of resources are at a greater risk of adverse health outcomes during an emergency. In 2022, a group of agencies who deal with vulnerable populations, assembled to discuss holding a training event to discuss the needs and possible preparedness and response solutions for these residents. An exercise is being planned for 2023 that will focus on whole community inclusion in emergency plans.
- COVID-19 certainly put the focus on the health department's role in response to a pandemic. Fortunately, we are not always going to be responding to a widespread infectious disease, but we do want to maintain the community connections that were built and ensure other agencies are aware of the wide range of services offered at JCHD. In 2022, a quarterly newsletter was created giving us an opportunity to showcase various programs and our outreach activities. Increasing interaction in the community, leads to conversations that can improve preparedness in businesses, schools, and for individuals.

Staff Training and Plan Reviews

- The administrative group, who had been meeting since March of 2020 to discuss COVID-19, shifted to discussing response actions for a variety of emergency scenarios. Health department emergency preparedness includes responding to events such as food borne illnesses, water disruptions and contamination, and natural disasters. Trainings were to ensure staff had an understanding of their roles in a wide assortment of situations.
- Plans needed updating to reflect how the ability to offer services remotely has impacted response procedures. Being able to respond without putting staff at risk of exposure to an infectious disease not only improves our ability to help it also keeps our staff safe.

In 2022, Emergency Preparedness focused on rebuilding plans and capabilities to ensure effective response to a variety of emergencies.

Health Indicators

2021 is the latest data available from the State*

Case rates per 100,000

Selected Leading Causes of Death						
	Jackson County			Michigan		
	2019	2020	2021	2019	2020	2021
Diseases of the Heart	267.49	290.2	284.9	255.34	271.3	265.2
Cancer	229.01	232.2	258	208.92	211.5	211.1
COVID-19	Not applicable	110.4	140.6	Not applicable	113.8	135.5
Chronic Lower Respiratory Disease	76.97	80.8	83.1	57.88	56.5	51.9
Cerebrovascular Diseases (Stroke)	49.84	57.4	51.2	51.66	58.8	57.4
Diabetes Mellitus	30.91	30.9	34.4	29.29	34.1	34.2
Unintentional Injuries (Accidents)	33.44	37.9	44.4	53.53	60.5	65.3
Influenza and Pneumonia	14.51	14.5	12.5	16.57	18.8	13.2
Intentional Self-Harm (Suicide)	23.34	16.4	17.5	14.73	14.33	14.8
Assault (Homicide)	5.05	8.2	8.7	6.13	8.1	8.2

Cardio Pulmonary Disease Causes of Death						
	Jackson County			Michigan		
	2019	2020	2021	2019	2020	2021
Diseases of the Heart	267.5	290.2	284.9	255.3	271.3	265.2
Chronic Lower Respiratory Disease	76.97	80.8	83.1	57.88	56.5	51.9
Cerebrovascular Diseases (Stroke)	49.84	57.4	51.2	51.66	58.8	57.4
Diabetes Mellitus	30.91	30.9	34.4	29.29	34.1	34.2
Influenza and Pneumonia	14.51	14.5	12.5	16.57	18.8	13.2

Case rates per 100,000

Maternal / Infant Health Indicators						
	Jackson County			Michigan		
	2019	2020	2021	2019	2020	2021
Total Live Births	1661	1692	1,667	107,917	104,149	105,022
Teen Births (15-19)	113	93	93	4,758	4,191	3,870
***Teen Birth Rate (15-19)	23.9	19.3	19.8	15.1	13.1	12.2
*Teen Pregnancies (15-19)	171	144	134	8,143	7,503	6,934
***Teen Pregnancy Rate (15-19)	36.2	30	28.6	25.8	23.5	21.9
Low Birth Weight (↓ 2500 grams)	152	135	165	9,457	9,352	9,710
Very Low Birth Weight (↓ 1500 grams)	17	17	30	1,623	1,572	1,591
**Inadequate Prenatal Care	122	138	165	9,607	8,771	8593
Inadequate Prenatal Care Percentage	7.3	8.2	9.9	8.9	8.4	8.2
Infant Deaths	14	14	17	701	706	656
****Infant Death Rate	8.4	8.3	10.2	6.4	6.8	6.2

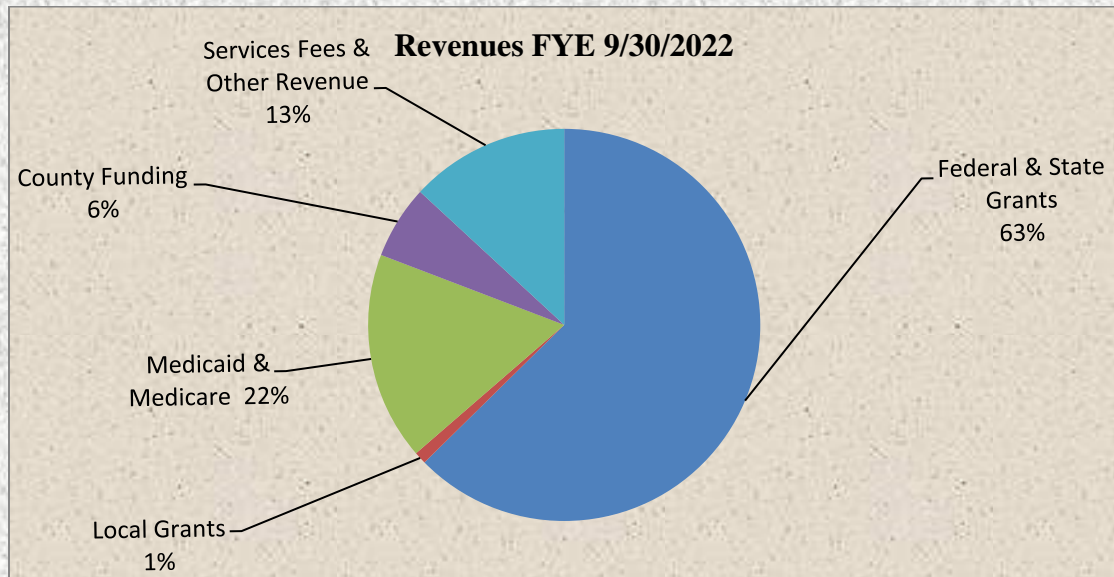
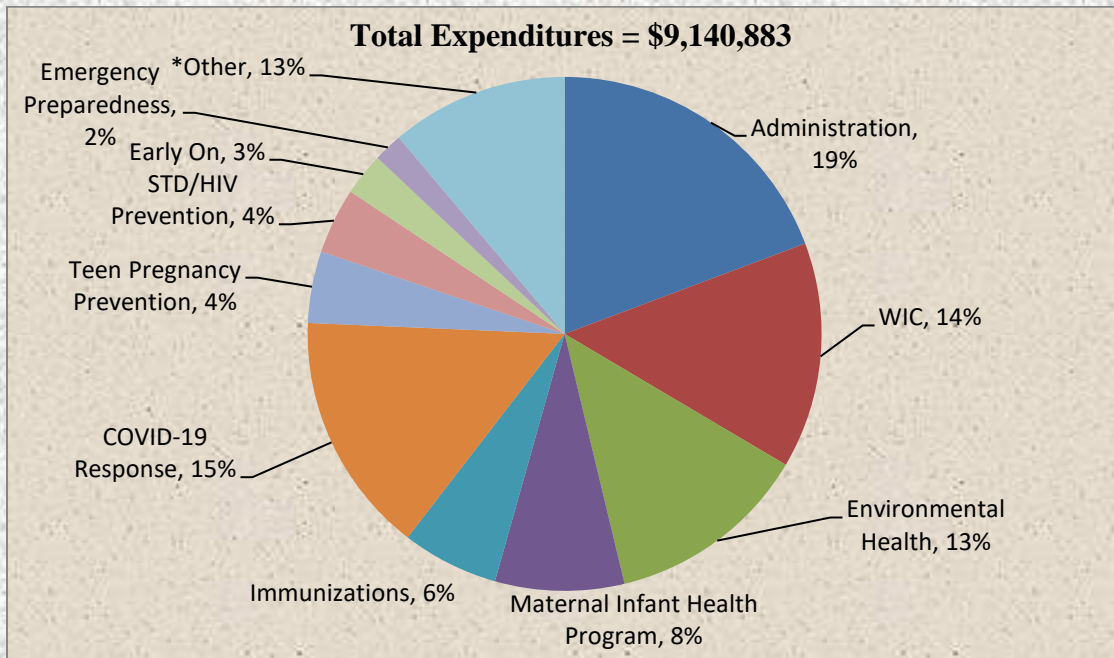
* Pregnancies are the sum of live births, abortions and estimated miscarriages.

** The State's definition of prenatal care is classified by the Kessner Index. The Kessner Index is a classification of prenatal care based on the month of pregnancy in which prenatal care began, the number of prenatal visits, and the length of pregnancy (i.e., for shorter pregnancies, fewer prenatal visits constitute adequate care.)

*** Case rates per 1,000

**** Case rates per 1,000 live births

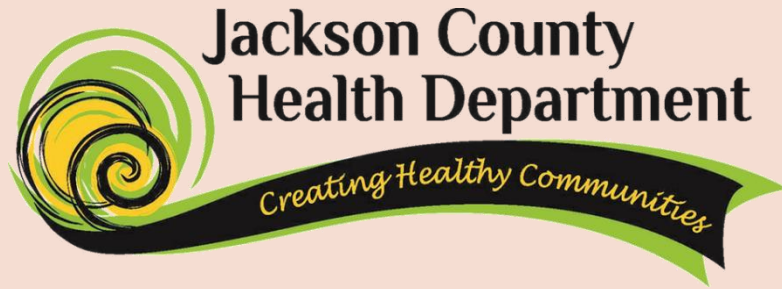
Financial Report
FY 2022 = Revenues & Expenses**



***OTHER PROGRAM EXPENDITURES**

Children's Special Health Care.....	3.0%	Infant Mortality & Prevention.....	1.0%
Communicable Disease.....	2.1%	Lead Prevention/Testing.....	<1.0%
Health Education/Health Grants.....	<1.0%	AIDS Counseling/Testing.....	<1.0%
Hearing and Vision.....	2.4%	Medical Marijuana Oversight.....	<1.0%
Medicaid Outreach & Advocacy	<1.0%	Child Oral Health Program	<1.0%

****Note that the revenues and expenditures presented on the charts above are unaudited numbers.**



1715 Lansing Avenue
Jackson, Michigan 49202
Phone: (517) 788-4420
Fax: (517) 788-4373

Email: jchd@mijackson.org
Visit our website
<https://www.mijackson.org/hd>



DEDICATED to

Creating Healthy Communities