



HEALTH Department

QUARTERLY UPDATE

- Angelique Joynes, MPH, RN, Health Officer
- Randy Rapp, RS, Environmental Health Services Manager
- Lisa Letts, BSN, RN, Personal Health Services Manager
- Lindsay Maunz, MPH, Planning and Preparedness Manager
- Dr. Richard Tooker, MD, MPH, Medical Director

Quarter 2 Presentation
May 25, 2023

Today's Takeaways:

1. Executive Summary
2. 2022 ACHD Annual Report
3. Ready or Not: Protecting the Public's Health From Diseases, Disasters, and Bioterrorism 2023
4. 2022-2025 CHIP
5. Update on ACHD Division's Priority Activities
6. Answer questions and elicit feedback from the Board of Commissioners

Information Review:



Slides with the blue circle indicate slides we are covering during our allotted presentation time.



Slides are posted after the Presentation to www.allegancounty.org/health/data-and-reports



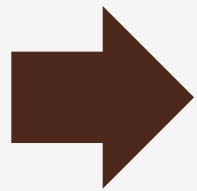
HEALTH
Department

Executive Summary



Limited Behavioral Risk Factor Survey (Slide 26)

- ACHD is working with the CHIP Steering Committee and Polco on the development and release of a limited Behavior Risk Factor Survey
- Funded by MDHHS grant funding specific to CHIP work
- Working with Project Management and finance to amend the agreement with Poulco to distribute and analyze the data.
- Following the same process as National Citizen Survey Data regarding distribution, data analysis, and report development. Data will be stored on the same platform as the National Citizen Survey data.
- Having data that can be projected onto the County will help policymakers and other stakeholders understand health issues.



Proposed legislation around a Statewide Sewage/Septic Code (Slide 24)

- ACHD favors having consistency between jurisdictions, which will make it easier for contractors who do business in multiple areas.
- Concerns that increased septic inspections = additional resources required:
 - Currently no inspection for the time of sale (real estate transactions)
 - Currently no database easily accessible that has all septic systems and information (such as date built)
- Discussion around the increase in septic failures and current challenges, with some families not being able to afford the replacement:
 - There is funding appropriated for failing septic systems, but it has not made it to the local level, and there are residents that could benefit from those funds
 - Funds were appropriated last season, and EGLE is in the RFP process to secure an entity to handle dispersing funds - EGLE provided an update that the awarded entity will be able to start accepting applications in late summer.

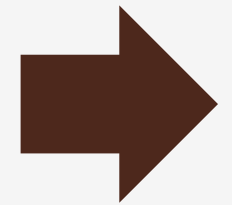
Executive Summary



Environmental Hazards (Slide 24)



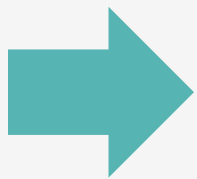
- Ex: Ground Water Contamination, increases in severe weather
- Collaborating with agencies (One Health) such as MDARD, EGLE, and MDHHS to collaboratively address these hazards more effectively



Filebound Project (Slide 32)



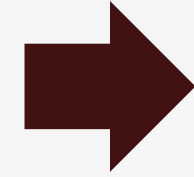
- Completing all scanning except for plans not able to be scanned due to size - working on acquiring a scanner with the capacity for larger prints



Rabies Submissions (Slide 35)



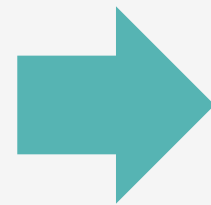
- CI project with the sheriff's department and animal control on improving communications and adhering to statutes regarding Rabies



Increase in Latent TB cases (Slide 23)



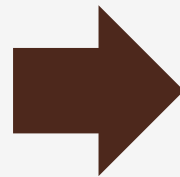
- ACHD provides active & latent TB treatment to Allegan County residents who are unable to pay for treatment costs. This is a mandated requirement.
- Screening, surveillance, and treatment efforts are important to work toward eliminating TB in the US.



Outreach Events (Slide 38)



- So far in 2023, ACHD attended 8 outreach events
- 3 more events are scheduled in June
- Meeting people out in the community to provide services and health education

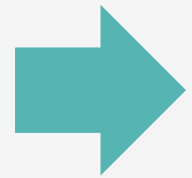


Public Health Finances (Slide 21)



- End of COVID-19 Public Health Emergency - very limited grant funding, yet COVID-19 is still a reportable Communicable Disease.
- Grant funding and determining the best entity to provide those services (subcontracted agreements)

Executive Summary



Swan Lake Activities (Slide 32)

EH Team attended Swan Lake meeting with Residents on 4/25/2023

- Meeting Purpose: Discuss the Harmful Algal Bloom (HAB) occurrence the last 2 summers and possible next steps to mitigate the situation with Swan Lake residents
- Organized by Cheshire Township
- Agency representatives from EGLE, County Drain Office, and County Conservation District were also present.
- Residents could ask questions to agencies and discuss possible reasons for the HABs.



Watershed Council Support Grant (Conservation District)

- Conservation District is applying for this opportunity through EGLE
- Activities include monitoring the watershed and coordinating with other ongoing efforts to identify key sources of nutrient pollution
- Data will inform a management plan recommending the best ways to reduce incoming nutrients and help restore Swan Lake's water quality
- Grant work will help establish relationships between local stakeholders and drive remediation efforts on high-impact practices.
- The Health Department will assist where possible.

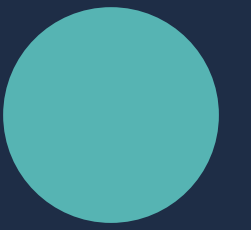


Executive Summary



New Surgeon General Advisory - Devastating Impact of Epidemic of Loneliness and Isolation in United States (May 3, 2023)

- United States Surgeon General Dr. Vivek Murthy released a new Surgeon General Advisory calling attention to the public health crisis of loneliness, isolation, and lack of connection in our country.
- Even before the onset of the COVID-19 pandemic, approximately half of U.S. adults reported experiencing measurable levels of loneliness.
- Disconnection fundamentally affects our mental, physical, and societal health. Loneliness and isolation increase the risk for individuals to develop mental health challenges in their lives, and lacking connection can increase the risk of premature death to levels comparable to smoking daily.
- The Surgeon General's Advisory on Our Epidemic of Loneliness and Isolation lays out a framework for a National Strategy to Advance Social Connection, which has never been implemented before in the United States.
 - It details recommendations that individuals, governments, workplaces, health systems, and community organizations can take to increase connection in their lives, communities, and across the country and improve their health.



More information and reference materials surrounding topics covered today can be found in the ACHD packet.

Packets also include copies of the 2022 Annual Report to share with Local Government Units (LGUs)

ACHD 2022 Annual Report

ACHD's Annual Report is published each year, recapping the previous year's services, data, and accomplishments. The 2022 Annual Report can be found in the data and reports section of our webpage: www.allegancounty.org/health



ACHD 2022 Annual Report: A letter from our Health Officer

On page 1 of the 2022 Annual Report, our Health Officer, Angelique Joynes, has shared a letter for the BOC and community.

A LETTER FROM OUR HEALTH OFFICER

Dear Board of Commissioners and Community,

Throughout 2022, we learned just how resilient of a community Allegan County is. In 2021, COVID-19 response and vaccination deployment were a large focus, as we relied on community partners and cooperation to help us navigate the COVID-19 response and mitigate the spread of COVID-19. In 2022, we used feedback received from the community and stakeholders to develop a COVID-19 After-Action Plan to help us identify lessons learned that we can use to improve processes and move forward in building an even stronger organization.

Through COVID-19, we saw how important it is for all community sectors to align and work together to improve health outcomes. This past year, we continued strengthening relationships and working collaboratively through the creation and publishing of the 2022-2025 Community Health Improvement Plan (CHIP). We worked with many sectors to build a comprehensive CHIP and align efforts and resources to address Social Determinants of Health (SDOH) that impact health outcomes for residents.

The 4 priority areas identified in the CHIP are Access to Care, Behavioral Health, Food Security, and Housing. This CHIP will act as a roadmap to help all community sectors collaborate to address these priority areas identified in the Allegan County community.

Along with this work, we recognized how overwhelming it can be for individuals to navigate the necessary systems to receive assistance for meeting their basic needs. Through grant funding, ACHD launched the Allegan County Community Links program in 2022, which has allowed us to help bridge this gap for community members.

The Community Links program connects residents to resources to help them meet their basic needs through a referral process with Community Health Workers, who work to follow up with individuals to ensure they get the assistance they need.

Moving forward from previous years and lessons learned, we also identified the need for schools and businesses to have solid communicable disease plans. We worked to strengthen and build upon procedures and processes that we then shared with these sectors to help keep our community members safe and healthy.

Communication was expanded on as we provided audience-specific newsletters routinely throughout the year to Health Care Providers, Long term Care and Congregate Care settings, Schools and Childcare settings, and Community members to provide them with timely public health news and information.

2022 showed us how far we have come as a community, the obstacles we have overcome, and the continued work needed to be done as we improve health outcomes. The public health challenges we face are too large for one organization or community sector to fix alone. Continued collaboration in our community is important to provide sustainable support and resources for all.

We are incredibly proud of this resilient community and the efforts being made to keep Allegan County a safe, clean, and healthy environment in which to live, work, and play.

yours in health.

Angelique Joynes, MPH, RN

Angelique Joynes, MPH, RN
Health Officer



ACHD 2022 Annual Report: Environmental Health

Environmental Health Division Services at a Glance (page 5)

- In 2022: Over 40,000 EH services provided
- In 2022: 14 full-time employees, 1 part-time employee, 2 contracted employees

ENVIRONMENTAL HEALTH AT A GLANCE

**over
40,000** Environmental
Health services
provided in 2022

In 2022:

- 14 Full-time employees
- 1 Part-time employee
- 2 Contracted employees

FIELD



506

Residential
well final
inspections



542

Residential
well permits



2,759

SESC
inspections



474

Sewage
disposal
final
inspections



576

Sewage
disposal
permits



435

SESC permits

FOOD



816

Food
establishment
inspections
performed



33

Complaints/
food borne
investigations



93

Temporary
food
inspections

OTHER SERVICES



3

beaches sampled for
14 weeks (no E. Coli
exceedances found)



180

Abandoned
wells plugged



77

Public pool
inspections



23

campground
inspections



9

Body art
facilities
inspected



1,006

EH Records
Requests
Processed



31,604

Facility Files
Scanned

ACHD 2022 Annual Report: Personal Health

Personal Health Division Services at a Glance (page 7)

- In 2022: Over 75,000 PH services provided
- In 2022: 8 full-time employees and an average of 22 contracted employees

PERSONAL HEALTH AT A GLANCE



over 75,000 Personal Health services provided in 2022

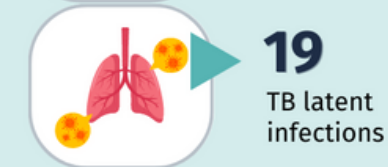
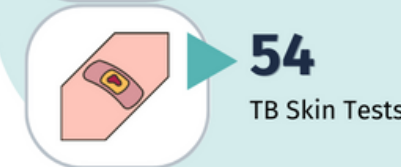
In 2022:
• 8 Full-time employees
• 22 Contracted employees (average)

CHILDREN'S SPECIAL HEALTH CARE SERVICES

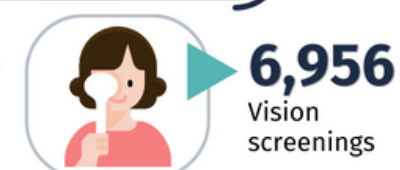
Provided to children and adults with qualified medical diagnosis



COMMUNICABLE DISEASE



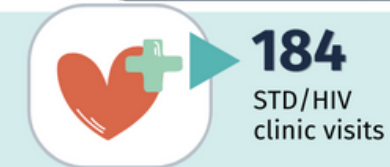
HEARING & VISION



IMMUNIZATION



SEXUAL HEALTH



32,875 Wear One Program condoms distributed



ACHD 2022 Annual Report: PHPP & Resource Recovery

Public Health Planning and Preparedness and Resource Recovery Services at a Glance (page 9)

- In 2022 PHPP: 2 full-time employees (PIO and health educator) and an average of 3 contracted employees
- In 2022 Resource Recovery: 1 full-time employee

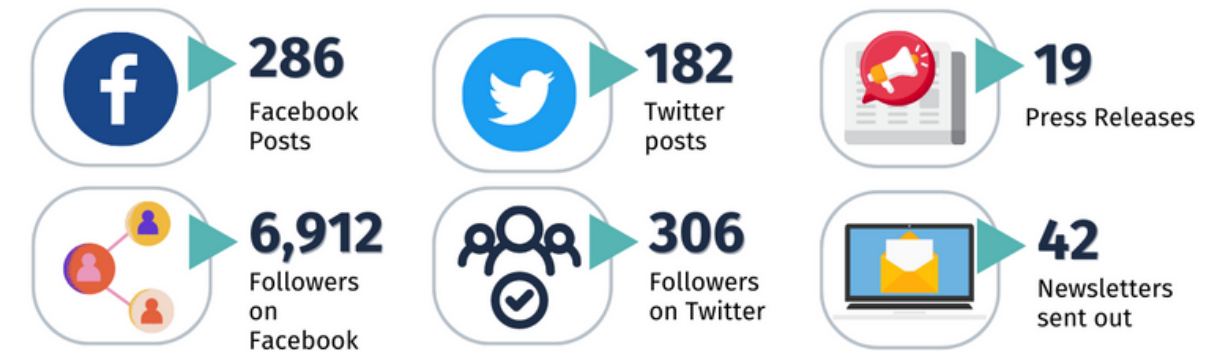
PLANNING & PREPAREDNESS AND RESOURCE RECOVERY AT A GLANCE

PLANNING & PREPAREDNESS

In 2022:

- 2 Full-time employees
- 3 Contracted employees (average)

COMMUNICATIONS



HEALTH EDUCATION



RESOURCE RECOVERY

In 2022:

- 1 Full-time employee



In 2022, 2 additional local government units (LGUs) joined the Resource Recovery Program. The Resource Recovery Program serves 20 communities in Allegheny County. Scan the QR code to visit the [Resource Recovery webpage](#).



ACHD 2022 Annual Report: Outreach Events

Community Outreach Recap (page 12)

- In 2022: 9 outreach events attended
- In 2022: 5 outreach events where our mobile health unit was deployed

COMMUNITY OUTREACH RECAP

In 2022, ACHD utilized our mobile health unit to provide services and health education to individuals at community events throughout Allegan County. By meeting individuals out in the community, we were able to reach vulnerable populations and provide care in non-traditional settings.



9
Outreach
events
attended



5
Events mobile
unit deployed to

As part of the 2022-2025 CHIP, ACHD will continue to address access to care by attending community events throughout the county to provide clinical services, health education, and more.

DOUGLAS PRIDE EVENT



ACHD provided health education along with rapid HIV testing, COVID-19 vaccinations, and Hep A & B vaccinations at Douglas Pride in the Park on June 3, 2022. Pictured left to right: ACHD employees Liz, Abby, and Kylie.

CAMP-IT RESORT EVENT



ACHD provided health education and information related to risk reduction of HIV and other sexually transmitted infection, Mpox, and other communicable disease prevention on June 18, 2022 at Camp-It Outdoor Resort.

ALLEGAN COUNTY FAIR



ACHD provided health education and signed individuals up for COVID-19 vaccination appointments at Senior Day at the Fair, September 13, 2022. Pictured: ACHD employee Sharon.

CAMP-IT RESORT EVENT

ACHD provided health education and Mpox vaccine at the October 1, 2022 event held at Camp-It resort.

AAESA RESOURCE FAIR

ACHD provided health education and CSHCS information and transition resources at the Allegan Area Education Service Agency (AAESA) resource fair event held by the Parent Advisory Committee (PAC) on December 8, 2022.

BRIDGEFEST EVENT



ACHD provided health education along with COVID-19 and Hep A & B vaccines at Allegan Bridgefest, June 10, 2022.

DUNES RESORT EVENT



ACHD provided health education and information related to risk reduction of HIV and other sexually transmitted infection, Mpox, and other communicable disease prevention on June 26, 2022 at Dunes Resort.

HELP ME GROW EVENT



ACHD provided health education at the Help Me Grow "Books, Balls, and Blocks" event held on September 29, 2022. Pictured: ACHD employee Stephanie.

VETERANS STAND DOWN EVENT



ACHD provided health education along with COVID-19 and Hep A & B vaccines at Allegan County Veterans Stand Down Event on October 20, 2022. Pictured: ACHD employees Liz and Veronica.

Ready or Not: Protecting the Public's Health from Diseases, Disasters, and Bioterrorism 2023 Report

- Ready or Not has tracked the nation's public health emergency preparedness since 2003.
- The report's 10 key public health preparedness indicators give state officials benchmarks for progress, point out gaps within their states' all-hazards preparedness, and provide data to compare states' performances against similar jurisdictions.



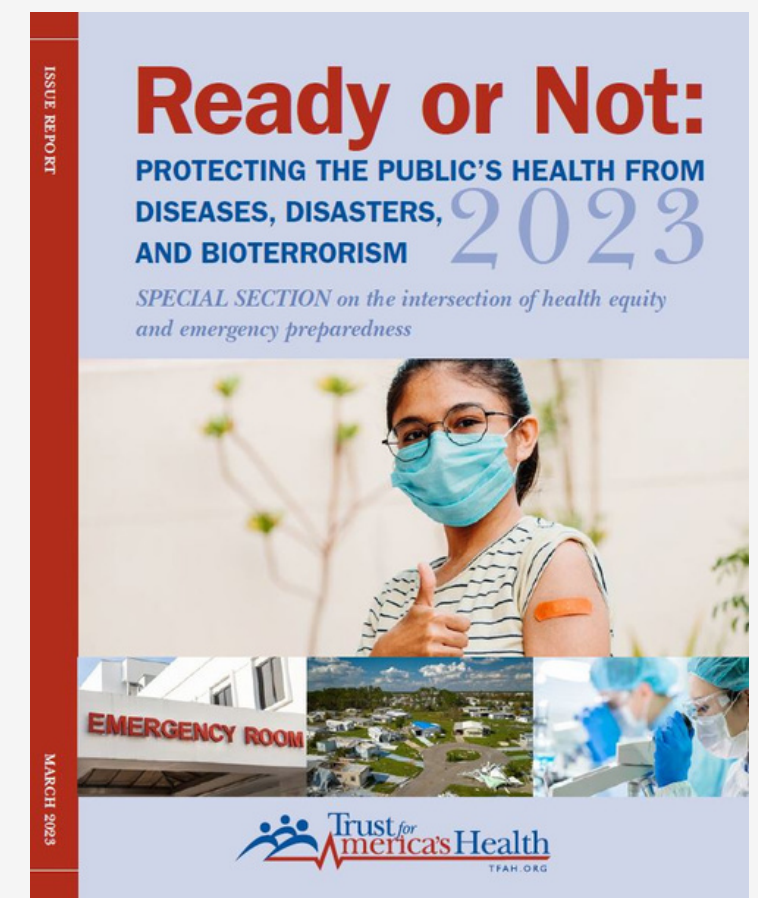
[Click here to read
the full report](#)

TABLE 1: Top-Priority Indicators of State Public Health Preparedness

INDICATORS

1	Incident Management: Adoption of the Nurse Licensure Compact.	6	Water Security: Percentage of the population that used a community water system that failed to meet all applicable health-based standards.
2	Public Health System Comprehensiveness: Percentage of state population served by a comprehensive public health system.	7	Workforce Resiliency and Infection Control: Percentage of employed population that used paid time- off in any given month.
3	Institutional Quality: Accreditation by the Public Health Accreditation Board.	8	Countermeasure Utilization: Percentage of people ages 6 months or older who received a seasonal flu vaccination.
4	Institutional Quality: Accreditation by the Emergency Management Accreditation Program.	9	Patient Safety: Percentage of hospitals with a top-quality ranking ("A" grade) on the Leapfrog Hospital Safety Grade.
5	Institutional Quantity: Size of the state public health budget compared with the past year.	10	Health Security Surveillance: The public health laboratory has a plan for a six- to eight-week surge in testing capacity.

Source: National Health Security Preparedness Index³



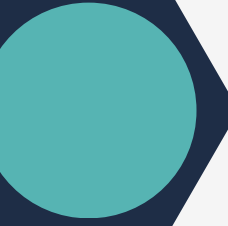
www.tfah.org

Ready or Not: Protecting the Public's Health from Diseases, Disasters, and Bioterrorism 2023

- The Ready or Not report groups states and the District of Columbia into one of three tiers (high, middle, and low) based on their relative performances across the 10 indicators.
- Michigan fell from middle tier to low tier

TABLE 2: State Public Health Emergency Preparedness State performance, by scoring tier, 2022		
Performance Tier	States	Number of States
High Tier	CO, CT, DC, DE, FL, GA, KS, ME, MD, MA, MS, NJ, NC, OH, PA, UT, VT, VA, WA, WI	19 states and DC
Middle Tier	AK, AL, AR, CA, IA, ID, IL, IN, MO, ND, NE, NH, NY, RI, SC, TX	16 states
Low Tier	AZ, HI, KY, LA, MI, MN, MT, NM, NV, OK, OR, SD, TN, WV, WY	15 states

Ready or Not: Protecting the Public's Health from Diseases, Disasters, and Bioterrorism 2023



Priority Area	Allegan County work being done
Priority Area 1: Provide Stable, Flexible, and Sufficient Funding for Domestic and Global Public Health Security	• BOC has allowed us to keep reserve funding that would typically go back to the general fund to support potential increases in COVID activity for 2023
Priority Area 2: Ensure Effective Leadership and Coordination	• ICS training of staff and other key stakeholders • Local position descriptions created for joint information center • Sharing upcoming formal FEMA training • Acquiring and implementing an inventory management software
Priority Area 3: Prevent Outbreaks and Pandemics	• Created healthy workplace and communicable disease templates for schools and businesses • Established a wastewater surveillance program (currently just for COVID-19)
Priority Area 4: Build Resilient Communities and Promote Health Equity in Preparedness	• MACC is the backbone agency for CHIP community-driven action steps and work & partnering with other agencies to have the best-fit agency lead the work • Conducting a limited Behavioral Risk Factor Survey (BRFS) to understand community health needs • Community Links Program creation and rollout
Priority Area 5: Accelerate Development and Distribution of Medical Countermeasures	• Updated MOUs with community agencies to have different locations within Allegan County to distribute countermeasures rapidly
Priority Area 6: Ready the Healthcare System to Respond and Recover	• Attending Region 5 (Allegan, Barry, Van Buren, Kalamazoo, Calhoun, Berrien, Cass, St. Joseph, and Branch) Healthcare Coalition, which includes the emergency manager, health department, health systems, medical examiner's office, and other key stakeholders • Access to Care is a main priority area of focus in the 2022-2025 CHIP • Providing epidemiological and health education support in the development of Otsego schools School-Based Health Center (SBHC)
Priority Area 7: Prepare for Environmental Threats and Extreme Weather	• The Groundwater Study workgroup actions will help protect groundwater in Allegan County

Some barriers faced/resource limitations

More timely health education tailored to different populations, technology improvements, and more timely case investigations

2022-2025 Community Health Improvement Plan

Access to Medical Care

Why is it important?

Access to health services affects a person's health and well-being. Regular and reliable access to health services can:

- Prevent disease and disability
- Detect and treat illnesses & other health conditions
- Increase quality of life
- Reduce the likelihood of premature (early) death
- Increase life expectancy

Source: [CDC Healthy People](#)

Our Goal: Increase capacity and use of a patient-centered, community-integrated, and quality system of care for Allegan County residents.



Allegan County Organization, including ACHD, Activities

- Expand equitable broadband internet access across Allegan County to support innovative health care, including telehealth.
- Use the Allegan County Community Links program to help individuals identify PCPs, sign up for Medicaid, or find solutions to meet their health insurance needs
- Implement a Behavior Risk Factor Survey that is representative and identifies inequities in subpopulations.
- Work with school partners to expand child and adolescent health services with a school-based health model

Housing

Why is it important?

Our homes, and those of our neighbors, play a critical role in shaping our health and the health of the whole community. Housing is related to health through several pathways, and the safety and quality of our homes are correlated with health.

Source: [County Health Rankings](#)

Our Goal: Strengthen the housing sector within Allegan County and increase collaborative solutions.



Allegan County Organization, including ACHD, Activities

- Expand access to quality water (private and municipal supply)
- Utilize Allegan County Community Links program to support agencies in connecting residents to available housing services

Food Security

Why is it important?

Lacking consistent access to food is related to negative health outcomes such as weight gain, premature mortality, asthma, and activity limitations, as well as increased health care costs.

- There is evidence food deserts are correlated with a high prevalence of overweight, obesity, and premature death.
- Those with low income may face barriers to accessing a consistent source of healthy food.

Source: [County Health Rankings and Roadmaps 2021](#)

Our Goal: Increase availability of healthy food options for residents, while also expanding supplemental food resources in Allegan County.



Allegan County Organization, including ACHD, Activities

- Use the Allegan County Community Links program to connect individuals to healthy food options
- Build a partnership with Help Me Grow Allegan Family Coaches to align and integrate efforts related to families who are expecting or who have children ages 0-5. This will help reduce silos and duplication of efforts

Behavioral Health

Why is it important?

Behavioral Health is fundamental to our collective and individual ability as humans to think, emote, interact with each other, earn a living and enjoy life.

Source: [World Health Organization](#)

Our Goal: Increase recognition and treatment of behavioral health conditions



Allegan County and HD Activities

- Implement a Behavior Risk Factor Survey that is representative and identifies inequities in subpopulations.
- Expand equitable broadband internet access across Allegan County to support innovative behavioral health care, including telehealth.
- Utilize Allegan County Community Links program to support agencies in connecting residents to available behavioral health services

2022-2025 Community Health Improvement Plan

2022 CHIP Steering Committee Member Organizations:

- Ascension Borgess Allegan Hospital
- Allegan County Health Department (ACHD)
- United Way of Ottawa and Allegan Counties
- Allegan County Multi-Agency Collaborative Council (MACC)
- OnPoint
- Allegan Area Educational Service Agency (ESA)
- Gun Lake Tribe
- Allegan County Food Pantry Collaborative

Community Health Assessments in Allegan County occur every three to five years to collect data and determine trends.

**4 workgroups are leading the work of the CHIP and are facilitated by the MACC coordinator and co-leads
There are quarterly reports provided to the CHIP Steering Committee by the MACC Coordinator and Co-leads**



Questions?



Are there any items that you'd like to see included in the next BOC Quarterly Meeting?

Note: Due to time, we will not be covering the remaining slides, but reviewing them is important to gain insight on the work being done in this quarter.



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Allegan County Health Department (4 Divisions)

ADMINISTRATION

- Supports the department as a whole
- Issues Advisories, Cease and Desist letters, etc.
- Collect and evaluate data needed to support efficient public health service delivery and share data with the community

RESOURCE RECOVERY

- Coordinate Resource Recovery Program for participating LUG's
- Facilitate Solid Waste Planning Committee

ENVIRONMENTAL HEALTH

- Provides services such as well and septic permits, soil erosion permits, restaurant inspections, ground water contamination surveillance, beach sampling, etc.
- Identifies opportunities for environmental health education and work with Planning and Preparedness to develop materials

PERSONAL HEALTH

- Provides services such as STI/HIV, Immunizations, Lead, Hearing and Vision, Communicable Disease, and Children's Special Health Care Services (CSHCS)
- Provides education, in-services, and on-site inspections for medical providers who participate in Vaccine for Children (VFC) and Adult Vaccine Program (AVP)
 - Safe storage and handling
 - Inventory management
 - Patient education

PLANNING AND PREPAREDNESS

- Provides services such as community health needs assessment and community health improvement plans, emergency preparedness, and other planning and health education services that improve community health and quality of life in Allegan County.
- Interacts with the community through social media and media interviews.



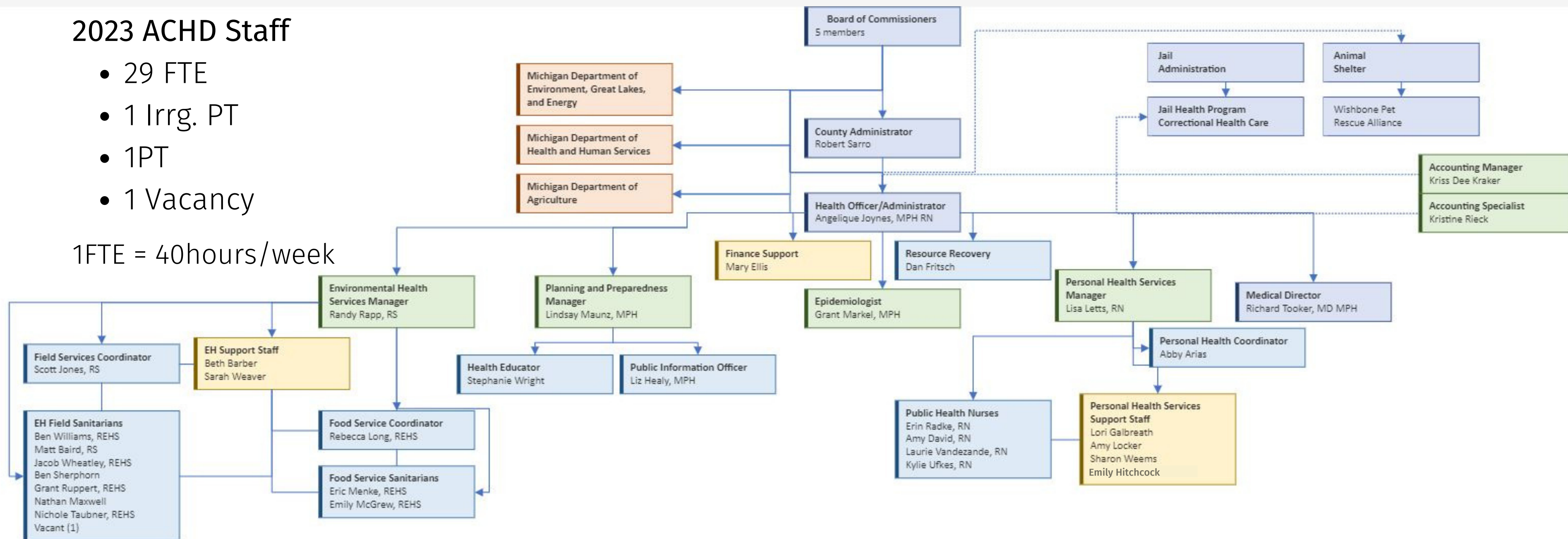
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Allegan County Health Department: Organization Chart

2023 ACHD Staff

- 29 FTE
- 1 Irrg. PT
- 1PT
- 1 Vacancy

1FTE = 40hours/week



2023 Projects by Division

Administration

- Public Health Capacity Report
 - Master Task List - determine how much time is needed for each service and capacity available
- Health in all policies and health impact assessment during planning.
- Workforce Development (Engaged Workforce Strategic Priority)
 - Employ and retain high-performing, quality employees
 - Address Communication, training, and work load issues and evaluate progress at the end of the year.
 - Community Information Exchange: subcontract with MACC and ACCF to do the work outlined in workplan
- Quality Assurance
 - Accreditation
 - Technology Assessment
- Behavior Risk Factor Survey development and distribution (deeper dive from National Community Survey data)

Planning and Preparedness

- Website Overhaul on ACHD webpages
- Forms and Letters Updating
- Inventory Management Software
- Communication Plan

Environmental Health

- Revised Soil Erosion and Sedimentary Control (SESC) Ordinance
- Purge, scan, verify, and put Facility Files in File Bound and put them on the internet/website for public use
- Participation in Ground Water Stakeholder Group for Allegan County and supporting and successfully next steps
- Transfer to a new Environmental Health Software

Personal Health

- Oral Health Assessment Pre K mandate of MDHHS
- Rabies management project
- Electronic Health Record Optimization, to include lab connection with State
- Backfilling to core staffing levels
- Mandated service delivery, optimization of resources/human capital/ contracts
- Health Resource Advocate (HRA) program optimization



Finance: 2023 Budget & Updates

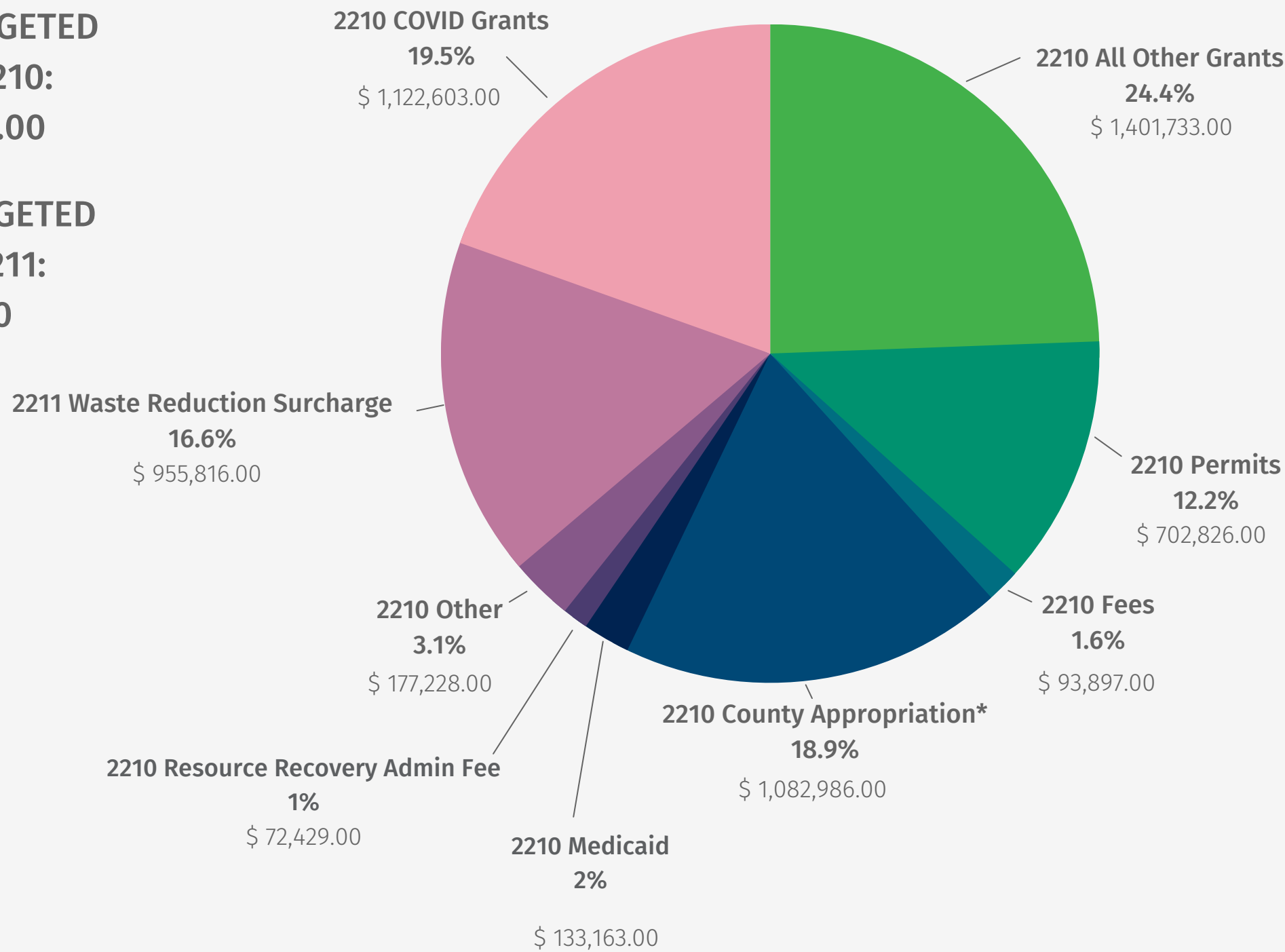


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2023 BUDGETED REVENUE

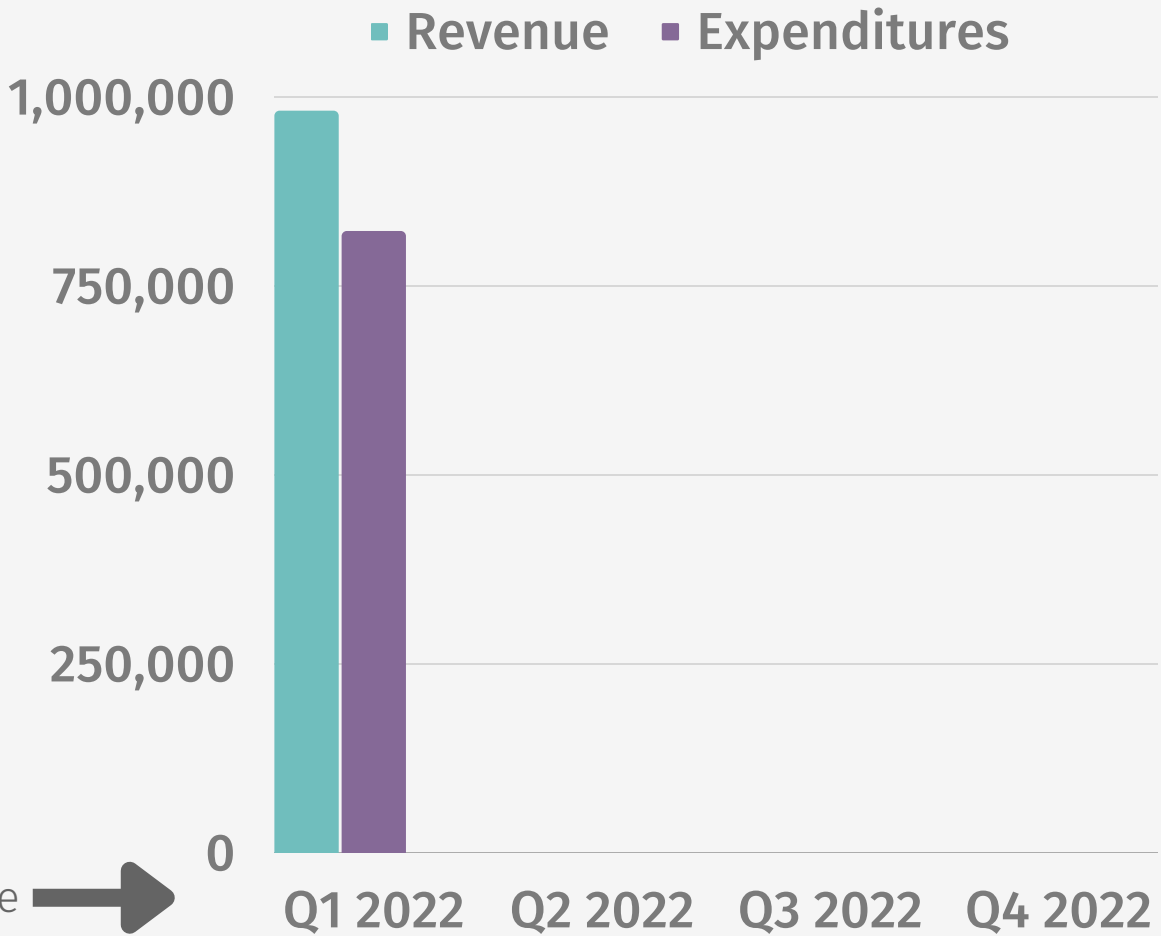
TOTAL BUDGETED
REVENUE 2210:
\$ 4,786,865.00

TOTAL BUDGETED
REVENUE 2211:
\$ 955,816.00



Updates that Impact Public Health Finances

- End of COVID-19 Public Health Emergency (May 11, 2023) - very limited grant funding, yet COVID-19 is still a reportable Communicable Disease.
- Grant funding and determining the best entity to provide those services (subcontracted agreements)



NOTE: Quarterly Finance numbers on the graph to the right exclude COVID-19 and 2211 Waste Reduction Surcharge

Some Community Projects ACHD is Involved with

MDHHS/MSU Research Project, Otsego Community Survey:

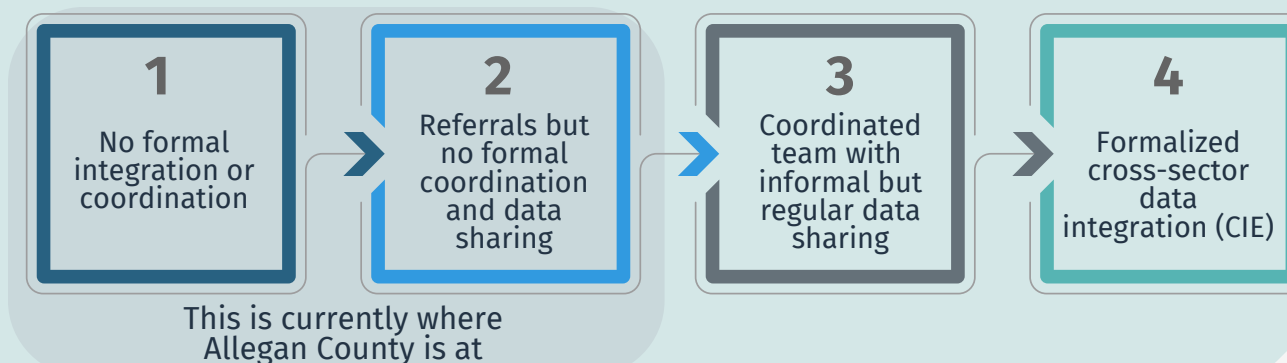


- Funded to expand a research project to the Otsego area of Allegan County regarding area health concerns and environmental hazards.
- Three aims will guide the proposed activities:
 - To listen to Otsego community members by collecting perspectives regarding salient environmental health vulnerabilities.
 - To empower Otsego community members to make informed prevention decisions through a series of health education interventions that explicitly address salient community vulnerabilities
 - To evaluate the impact of these engagement activities to foster iterative improvement.

Community Information Exchange:

- Key activities and deliverables in the CIE Vision and Planning stage can include:
 - Conducting an environmental scan
 - Convening initial partners for early discussions about CIE
 - Developing sample use cases for CIE to clarify the vision
 - Establishing the governance structure Formally recognizing the backbone organization
- Step 1: Identify the CIE vision and governance structure in collaboration with the Multi-Agency Collaborative Council (MACC)
- Subcontracting with MACC Director to lead this work.

Stages of Data Sharing (CIE):



Limited access and impact on chronic diseases and health outcomes for residents:

- Otsego Public Schools received a planning grant that we will be a part of Community Adolescent Health Centers (School-based)
 - Development of a Community Advisory Council - ACHD is on council
 - Working on securing a health agency
- Telehealth opportunities
- Health Resource Advocates (School-based)
- Community Health Workers (Allegan County Community Links Program)
 - Exploring financial sustainability for the program to continue
 - Being able to bill insurances will help



2023: Potential Emerging Public Health Concerns

Statewide Septic Code Legislation

- ACHD in favor of having consistency between jurisdictions, and having consistency will make it easier for contractors who do business in multiple areas.
- Concerns that increased septic inspections = additional resources required:
 - Currently no inspection for time of sale (real estate transactions)
 - Currently no database easily accessible that has all septic systems and information (such as date built)
- Discussion around the increase in septic failures and current challenges, with some families not being able to afford the replacement:
 - There is funding appropriated for failing septic systems, but it has not made it to the local level, and there are residents that could benefit from those funds
 - Funds were appropriated last season, and EGLE is in the RFP process to secure an entity to handle dispersing funds - EGLE provided update that the entity that is awarded will be able to start accepting applications in late summer.
 - Funding Info: Senate Bill 565 (2021) allocated \$35 million to EGLE to administer a Failing Septic System Loan Program. The effective date was March 2022. [2022-PA-0053.pdf \(mi.gov\)](#)



Bacterial Resistance to Antibiotics and its impact on communicable disease outbreaks and health

- Antibiotic resistance occurs when bacteria develop the ability to defeat the drugs designed to kill them.
- Each year in the United States, nearly 3 million people get infected with antibiotic-resistant bacteria, and almost 36,000 people die as a result.

Addressing Misinformation and Disinformation

- Researching logical fallacies and how best to address them within communication practices and health education

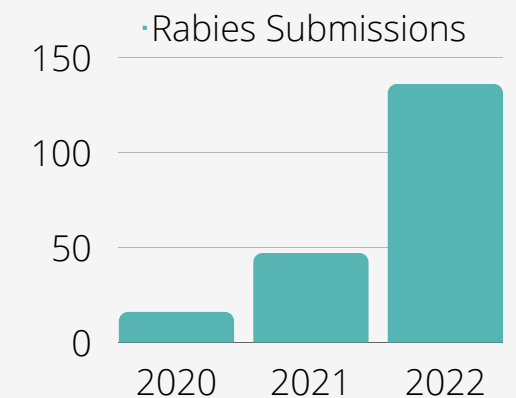


Environmental Hazards impacting public health

- ex: Ground Water Contamination, Increases in severe weather
- Collaborating with agencies (One Health) such as MDARD, EGLE, and MDHHS to collaboratively address these hazards more effectively

Rabies Management

- Involves multiple departments and procedures need to be followed to meet statutes and prevent any rabies death
- Animal specimens continue to increase

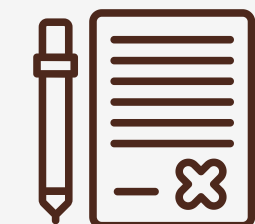


Increase in Latent TB cases

- There were 7 latent cases in Q1 of 2023 there were 19 total last year (2022)
- The number of tests done for TB dropped across the board in this country because resources were being diverted
- Screening, surveillance, and treatment efforts are important to work toward the goal of eliminating TB in the US
- ACHD provides latent TB treatment to Allegan County residents who are unable to pay for treatment costs. This is a mandated requirement

Immunization Waivers

- An increase in immunization waivers and the impact on vaccine-preventable diseases (228 in 2021, 258 in 2022)



ADMINISTRATION

20,907

Total Public Health Services Provided (excluding jail health, MCDC, and animal shelter)

8



Inquiries responded to



of those who filled out the Customer Satisfaction survey for ACHD services responded "Agree or Strongly Agree" to being satisfied with the services they received (n=63)



Advisories & Recommendations issued (quarantine, isolation, water advisory, exposure letters)



28

Learning and Growth meetings with team members completed

573

Hours spent on Professional Development by team members

32

Full time team members



1

Part time team member

1

Irregular part time team member

1,281.21

Hours pf PTO taken by team members

14

Contracted team members





Administration: 2023 Activities (Q1)

CUSTOMERS

MET - MDHHS/MSU Research Project

- Funded to expand a research project to the Otsego area of Allegan County regarding area health concerns and environmental hazards.
- Sharing information and survey on communication platforms with community

ONGOING - Community Information Exchange

- Coordinating with subcontractor MACC/ACCF to complete assigned tasks

MET - Behavioral Risk Factor Survey

- Securing Vendor (tentatively Polco for representative sample)
- Developing base survey

MET - MALPH Day the Capitol- April 11, 2023

- ACHD attending and sharing information on:
 - Q1 BOC presentation
 - 2021 Annual Report
 - CHNA and CHIP from Allegan County

ONGOING - End of COVID-19 Public Health Emergency

- Public Health emergency ends on May 11, 2023
- Determining what this means for future funding, requirements around communicable disease and COVID

ENGAGED WORKFORCE

ONGOING - Workforce Development

- Engaged Workforce Strategic Priority
 - Address Communication, training, and work load issues

IMPROVED PROCESSES

ONGOING - Technology

- Being able to respond to any public health event with limited resources and effectively integrating technology is a concern along with limited ability to integrate data between human services and health providers
- Looking at current technology utilization assessment for tasks provided. Our current surveillance system platform is over 20 years old
- Researching better technology in order to share data in real time between health systems and public health for most LHDs in Michigan

FINANCIAL STABILITY

MET - Master Task List

- Currently being updated for each position to identify resources available vs. resources needed/Ensure the correct tasks are assigned to the right position (DBM)
- Total time plus PTO will be calculated for each service to determine capacity needed versus the current capacity



Administration: 2023 Activities (Q2)

CUSTOMERS

School/Daycare Updates

- Evaluating school/daycare updates communication strategies

Strategic Plan

- Updating all strategic plans for 2024-2026 utilizing customer survey data and inquiries.

Behavioral Risk Factor Survey

- ACHD working with the CHIP Steering Committee and Poulco on development and release of a limited Behavior Risk Factor Health Survey.
- 35-40 questions based on metrics that support the CHIP action plan and gaps in data.
- Working with Project Management and Finance to amend agreement with Poulco for distribution of survey and analyzing data

FINANCIAL STABILITY

Grand Funding

- Reallocation of grant funding for mandated services to ensure utilization of grant funding first.
- Budget 2024-2029 creation and submission

End of COVID-19 Public Health Emergency

- Public Health Emergency ended May 11, 2023
- Determining what this means for future funding, requirements around communicable disease and COVID

ENGAGED WORKFORCE

Leadership Rounds

- Conducting monthly leadership rounds to visit directly with the public health team

Learning and Growths

- Improving Learning and Growths with planning for 2024 training plans

Capacity Assessment

- Capacity Assessment Report completed and resources for mandated services are identified and included in the budget process.

IMPROVED PROCESSES

Technology Assessment

- Technology Assessment Report completed. This data is used to help with identified efficiencies and need for delivery public health services.

Solid Waste/Material Management Legislative Timeline

MARCH 2023



Legislation takes effect.

Environment, Great Lakes, and Energy
need to notify Counties.



July/August 2023

January 2024



Counties need to respond to EGLE on
the next steps to update the plan.

Counties will need to have their Material
Management Plans updated and
submitted to EGLE.



December 2026

2027 and Beyond



Ongoing maintenance, reporting, and
updates as required.

Update

Timeline after brief review- 90 days to take effect. EGLE has 180 days to notify counties. Counties then have 180 days to respond to EGLE on what they plan to do. Thereafter, counties have 3 years to submit updated “Materials Management Plans” replacing the current Solid Waste Plans to the state. 30% recycling by 2029 (eventually 45% recycling mandate). Currently, Michigan is at 19%. Solid Waste Planning Committee to become Materials Management Committee. It appears some startup funding to update/covert Solid Waste Management Plans into Materials Management Plans. It appears up to \$94,000 in the first 3 years. When EGLE sends notification there should be more information on exact funding.

Thereafter, \$60,000 to continue the program. Costs will be borne by the municipalities and counties to meet the benchmark recycling goals. They list all the ways to fund the programs such as millage, special assessment, general fund.

NOTE: We are waiting for EGLE to notify ACHD.

Our Resource Recovery Coordinator is doing a SWOT analysis with the Solid Waste Planning Committee at the May 23, 2023, meeting to evaluate options for planning.



Resource Recovery: 2023 Activities (Q1)

CUSTOMERS

Meeting with PGUs

- New resource recovery coordinator is connecting with each PGU.

FINANCIAL STABILITY

Renewing Contracts with Project Management

- Anticipating higher costs with vendor

IMPROVED PROCESSES

Onboarding New Resource Recovery Coordinator

- Back up and training identified

New local units coming on

- Working to ensure that each new PGU to determine what services they want to provide to their residents and the timelines that they can start providing those



Resource Recovery: 2023 Activities (Q2)

CUSTOMERS

Household Hazardous Waste Community Events

- ACHD held an HHW event on Saturday, May 6 in Wayland
- Next HHW event for this quarter will be held Saturday, June 10 at ACHD from 9 am to 12 pm

FINANCIAL STABILITY

Establishing a budget for new township participant

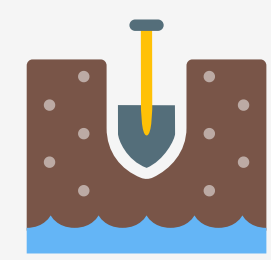
Sent out 2022 Annual Reports to participating governmental units (PGUs)

IMPROVED PROCESSES

Resource Recovery Coordinator onboarded

Working on developing and revising current procedures

ENVIRONMENTAL HEALTH



95
Residential Well
Permits Issued

1 Type II
Well Permits Issues

43

Abandoned
Wells Plugged



133

On-Site Sewage Disposal
Permits Issued



0 Number of Ground
Water Samples
Collected

0 Body Art Facilities
Inspected

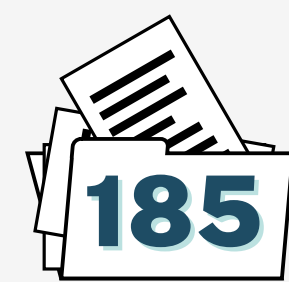
90 Residential Well
Final Inspections
Completed

19 Type II Well Sanitary
Surveys Conducted

6 SESC
inspections
Completed

20 Failed Septic
System Evaluations
Conducted

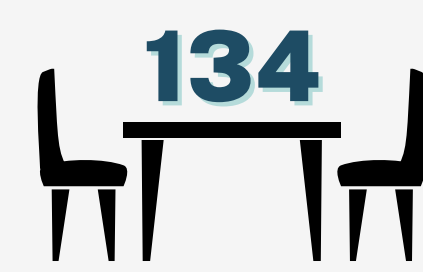
73 On-Site Sewage Disposal
Final Inspections Completed



EH Records
Requests
Processed



89
SESC Permits
Issued



134

Fixed Food
Establishments
Inspected



6 Complaints/
Food Borne
Investigations

0 Public Swimming
Pools Inspected



0 Campgrounds
Inspected

4 Septage Trucks
Inspected

5,280
Facility Files Scanned

2 Temporary Food
Inspection completed



7 plan reviews received

4 plan reviews approved

0 Well Construction & On-Site Sewage
Disposal System Construction Violation
Notices/Correction Orders Issued

16 Loan Evaluations
Conducted

0 Groundwater
monitoring
letters sent



50
Vacant Parcels
Evaluated for
Septic Systems

Number of Beach Samples Taken	0
Number of Mosquitos Trapped	0
Number of Ticks Found	0



Environmental Health: 2023 Activities (Q1)

CUSTOMERS

Filebound: Ongoing

- Project outcome: customers will have access to facility files on the internet.
- Activities for this Quarter include:
 - All facility files should be purged by the end of January 31, 2023
 - A total of 31,604 files have been purged, scanned and verified
 - Working with Project Management on merging with BS & A

Ground Water Ad Hoc Committee: Ongoing

- Project outcome: Have a community-driven workgroup around the Ground Water Study
- Activities for this Quarter include:
 - The Work Group is working on an RFP for a consultant to assist with the project
 - Risk analysis mapping being compiled by Hydrosimulatics

FINANCIAL STABILITY

EGLE Funding: Met

- The ACHD has received EGLE's agreement with increases for the 2023 fiscal year for campground inspections, public swimming pool inspections, and Non-Community Water Supply (Type II) Program.
- The rTCR, for the Type II program, became a requirement in January 2016 and the resources needed to meet the new requirements increased dramatically, but funding at that time did not

Revenue Review: Ongoing

- Continue to review revenue on a monthly basis and compare to previous years.

IMPROVED PROCESSES

EGLE Audit of SESC Program: Ongoing

- All Sanitarians have been audited and passed for permitting
- Working with legal on EGLE recommended versions to Allegan County SESCOOrdinance
- Will be submitting to Allegan County Conservation District and BOC for final approval

EGLE Audit of Private and Type III Water Supply Program

- Met with the EGLE Liaison on permitting and inspections wells and met MPRs

EGLE Audit of Type II Water Supply Program

- Working with the EGLE Liaison and Type II Coordinator on implementing the Corrective Plan of Action to meet MPRs

ENGAGED WORKFORCE

Michigan Environmental Health Association (MEHA): Met

- The ACHD is sending 7 Sanitarians to the MEHA Annual Education Conference (AEC) being held in March 2023, in Port Huron.
 - This assists the Sanitarians with maintaining their credentials
 - This aids with networking with other Health Departments and State Officials



Environmental Health: 2023 Activities (Q2)

CUSTOMERS

Filebound

- Project outcome: customers will have access to facility files on the Internet.
- Activities for this Quarter include:
 - All facility files, a total of 36,911, have been purged, scanned, and verified.
 - We are working with Project Management on merging with BS & A (Q4 2023)
 - Campground and Public Swimming Pool files were scanned as well.
 - We are continuing to scan Raw Land Evaluation files.

Groundwater Ad HOC Committee

- Project outcome: Have a community-driven workgroup around the Ground Water Study
- Activities for this Quarter include:
 - An RFP for a consultant to assist with the project has been sent out.
 - Risk analysis mapping was presented by Hydrosimulatics

Swan Lake Activites

EH Team attended Swan Lake meeting with Residents on 4/25/2023

- Meeting Purpose: Discuss the Harmful Algal Bloom (HAB) occurrence the last 2 summers and possible next steps to mitigate the situation with Swan Lake residents
- Organized by Cheshire Township
- Agency representatives from EGLE, County Drain Office, and County Conservation District were also present.
- Residents could ask questions to agencies and discuss possible reasons for the HABs.

Watershed Council Support Grant (Conservation District)

- Conservation District is applying for this opportunity through EGLE
- Activities include monitoring the watershed and coordinating with other ongoing efforts to identify key sources of nutrient pollution and drive remediation efforts on high-impact practices. The Health Department will be assisting where possible.

IMPROVED PROCESSES

EGLE Audit of SESC Program

- SESC Ordinance submitted to Allegan County BOC for final approval
- The revised SESC Ordinance approved by the Allegan County Conservation District

EGLE Audit of Private & Type III Water Supply Program

- EGLE Liaison has approved the Private and Type III Water Supply Program

FINANCIAL STABILITY

- Received EGLE's agreement with increases for the 2023 fiscal year for campground inspections, public swimming pool inspections, and Non-Community Water Supply (Type II) Program. The funds are used to support the program, 1.4 FTE.

Revenue Review

- We continue to review revenue on a monthly basis and compare to previous years.
- 2022 vs 2023: January – March/ Septic +6.2%, Well – 18.1%, SESC +3.6%

ENGAGED WORKFORCE

National Environmental Health Association Internship Program Participation

- We are hosting an intern for 10 weeks beginning after Memorial Day.
 - They will be assisting with day-to-day activities, such as:
 - Grant deliverables (beach sampling, HAB investigations, vectorborne surveillance
 - Final Well and Septic Inspections
 - SESC inspections
- This is not costing the County any funds. We are looking forward to this opportunity.



PERSONAL HEALTH



681 CSHCS Total Clients

43 CSHCS New Client Enrollment

73

Level 1 Plan of Care
CSHCS

96

Level 2 Care Coordination
CSHCS

0

CSHCS Case
Management Services

38

CSHCS Transition Plan of
Care

32/60/38

CSHCS Transition
contacts/assists/mailings

21

redistributions of
vaccine inventory
(covid and non-covid)

1,958

Overall
Medicaid Outreach
Units



0 Homebound
immunizations given

175

Immunizations Provided

37

Waivers Provided



42 STD/HIV Clinic
Visits

0 VFC program site visits

0

Active TB (DOTs)



26

TB Skin Tests placed



7

TB latent infections



5,464

Hearing and Vision screenings conducted

1,003

Communicable Disease
Investigations conducted (MDSS)



4,000

Wear One Kits
Distributed

45

Rabies
Evaluations





Personal Health: 2023 Activities (Q1)

IMPROVED PROCESSES

Rabies Submissions: Ongoing

- Program goal: Increase quality improvement , quality assurance and development and revision of policy and procedure to include local stakeholders in regard to the submission of specimens for rabies testing. This also includes assuring that the education related to post exposure treatment and follow up is conducted .
- Collaborate with Animal Control, law enforcement, medical care providers and the animal shelter
- Evaluate current contracts
- Develop a quality improvement plan for implementation by April 2023

Personal Health Services Coordinator: MET

- Program goal: Increase quality improvement, quality assurance and development and revision of policy and procedure with addition of Personal Health Coordinator hired 1/30/2023

FINANCIAL STABILITY

Enhanced Charge Capture: MET

- Ensuring accurate time and activity captured related to grant-funded services - this helps maximize utilization of grant funding first
- Ensuring appropriate CBT codes are captured for billing

CUSTOMERS

Electronic Health Record Optimization: Ongoing

- **Program goal:** Increase efficiency of ordering lab tests as well as receiving client results via the electronic health record using the Patagonia platform.
- Collaborating with Patagonia, The Michigan Health Information Network (MiHIN), Altarum Consulting , and The Michigan Department of Health and Human Services (MDHHS)Bureau of Laboratories (BOL)
- This connection will reduce the risk of human error related to data entry, reduce paper usage, minimize risk of confidentiality breach , and expedite receiving the lab results in order to provide a more efficient experience for ACHD clients.
- The anticipated timeline to go live with this project is April 2023.

Hearing and Vision: MET

- Cross-training team members to hearing and vision in order to maintain mandated services. Gap has been created due to a position vacancy.
- Team member identified and scheduled to be trained as required by the Michigan Department of Health and Human Services – **training completed in Q1**

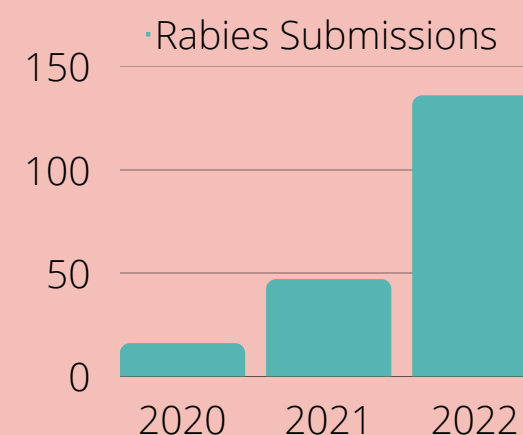


Personal Health: 2023 Activities (Q2)

IMPROVED PROCESSES

Rabies Submissions

- Program goal: Increase quality improvement, quality assurance and development and revision of policy and procedure to include 150 local stakeholders in regard to the submission of specimens for rabies testing. This also includes assuring that the education related to post-exposure treatment and follow-up is conducted.
- Collaborate with Animal Control, law enforcement, medical care providers and the animal shelter in Q2
 - Further, develop scoping based on meeting feedback
 - Explore Qualtrics for reporting



FINANCIAL STABILITY

Enhanced Charge Capture

- We are updating activity codes so staff can capture accurate time related to grant-funded services to maximize the utilization of grant funding.
- Accurately capturing Medicaid outreach data to maximize Medicaid Outreach grant revenue.
- Training for team in Q2.

CUSTOMERS

Electronic Health Record Optimization: Ongoing

- Collaborating with Patagonia, The Michigan Health Information Network (MiHIN), Altarum Consulting, and The Michigan Department of Health and Human Services (MDHHS) Bureau of Laboratories (BOL)
- This connection will reduce the risk of human error related to data entry, reduce paper usage, minimize the risk of confidentiality breach, and expedite receiving the lab results in order to provide a more efficient experience for ACHD clients.
- Currently in the testing of the connection
- The next step is testing from AC to the Bureau of Lab
- Target completion end of Q2

Personal Health Support Staff Backfill

- Team member identified and position offered and accepted
- Onboarding and required training goal to be completed by end of Q2

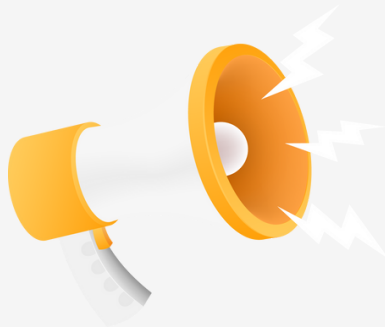
PUBLIC HEALTH PLANNING
& PREPAREDNESS

42

Health Education
Materials Created



Newsletters sent out



2

Press Releases
sent out



Outreach Events



6,909

Followers on Facebook



305

Followers on Twitter

48

Facebook posts on
public health items in Q4

23

Twitter posts in Q4

0

PHEP drill conducted



Public Health Outreach Events in Q2 2023

8 events attended so far in Q2:

APRIL

- Kindergarten Round-Up events:
 - 4/12, 4/13, 4/17: Douglas
 - 4/19: Hopkins

MAY

- Kindergarten Round-Up Events:
 - 5/9: Gilkey
 - 5/10: Starr
 - 5/11: Cooper
- Gun Lake Tribe Health Fair
 - Saturday, 5/20

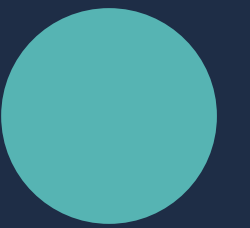
3 attending in June:

JUNE

- Douglas Pride in the Park
 - Saturday, 6/3
- Allegan Bridgefest
 - Saturday, 6/10
- CamplT STI Outreach
 - Saturday, 6/24



Planning and Preparedness: 2023 Activities (Q1)



CUSTOMERS

Community Links Program: Ongoing

- Activities for this quarter include:
 - Updating referral form process to make it faster for agencies and people to complete
 - Continue to meet with partners to improve collaboration/address gaps
 - Explore financial sustainability for program to continue
 - Presented at MDHHS Social Determinants of Health Summit as a new CHW program

Community Health Improvement Plan: Ongoing

- Joining workgroups, assisting with work

Website Improvements: Ongoing

- Activities for this quarter include:
 - Meeting with managers to discuss page updates and layouts
 - Drafting skeletons for each division (Q1-Q2)

FINANCIAL STABILITY

Grants: Ongoing

- Working with finance to establish separate grant activities
- Developing processes to ensure grant funding meets PHEP requirements

IMPROVED PROCESSES

Forms and Templates: Ongoing

- Working with all divisions to update forms and template letters they use to build a cohesive brand and consistency across all areas.
- Activities for this quarter include:
 - Assessing all current forms and letters used
 - Setting metrics for each program area

CI Committee: Ongoing

- Plan updated to submit to Health Officer for Approval Using Quality Assurance data to determine key projects
- (Add MPR around Continuous Improvement)

Branding Guidelines: Ongoing

- Developing branding guidelines for all ACHD materials to build a cohesive and consistent brand across all platforms (Q1-Q2)

Inventory Management (2023 Project): Ongoing

- Activities for this Quarter include
 - Identify program to use
 - Evaluate space/storage and where assets and cache should be stored

ENGAGED WORKFORCE

- Workforce Development - implementing learning and growths - Met
 - Updating plans to reflect goals and strategies for 2023



Planning and Preparedness: 2023 Activities (Q2)

CUSTOMERS

Community Links Program

- Activities for this quarter include:
 - 38 new referrals this month; 72 total
 - Partnering with Community Action Agency to embed Community Links into CAAC program workflow
 - Continuous Improvements around reporting

Community Health Improvement Plan

- MACC Workgroup Kick-Off meeting
- Partnering with Otsego on a School Wellness Program

Website Improvements

- Activities for this quarter include:
- Meeting with managers to discuss page updates and layouts
- Drafting skeletons for each division (Q1-Q2)

FINANCIAL STABILITY

Grants

- Working with finance to establish separate grant activities
- Developing processes to ensure grant funding meets PHEP requirements

IMPROVED PROCESSES

Forms and Templates

- Working with all divisions to update forms and template letters they use to build a cohesive brand and consistency across all areas.
- Activities for this quarter include:
- Forms and letters updates so far (completed 6, how many we plan to do in Q2 90)

CI Committee

- Plan updated to submit to Health Officer for Approval Using Quality
- Assurance data to determine key projects (Add MPR around Continuous Improvement)

Branding Guidelines

- Developing branding guidelines for all ACHD materials to built a cohesive and consistent brand across all platforms (Q1-Q2)

Inventory Management (2023 Project)

- Working with Project Management

Questions?



Are there any items that you'd like to see included in the next BOC Quarterly Meeting?

ALLEGAN COUNTY HEALTH DEPARTMENT

TOGETHER: STRIVING FOR A HEALTHIER ALLEGAN COUNTY

2
0
2
2

ANNUAL REPORT



HEALTH
Department

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A LETTER FROM OUR HEALTH OFFICER

Dear Board of Commissioners and Community,

Throughout 2022, we learned just how resilient of a community Allegan County is. In 2021, COVID-19 response and vaccination deployment were a large focus, as we relied on community partners and cooperation to help us navigate the COVID-19 response and mitigate the spread of COVID-19. In 2022, we used feedback received from the community and stakeholders to develop a COVID-19 After-Action Plan to help us identify lessons learned that we can use to improve processes and move forward in building an even stronger organization.

Through COVID-19, we saw how important it is for all community sectors to align and work together to improve health outcomes. This past year, we continued strengthening relationships and working collaboratively through the creation and publishing of the 2022-2025 Community Health Improvement Plan (CHIP). We worked with many sectors to build a comprehensive CHIP and align efforts and resources to address Social Determinants of Health (SDOH) that impact health outcomes for residents.

The 4 priority areas identified in the CHIP are Access to Care, Behavioral Health, Food Security, and Housing. This CHIP will act as a roadmap to help all community sectors collaborate to address these priority areas identified in the Allegan County community.

Along with this work, we recognized how overwhelming it can be for individuals to navigate the necessary systems to receive assistance for meeting their basic needs. Through grant funding, ACHD launched the Allegan County Community Links program in 2022, which has allowed us to help bridge this gap for community members.

The Community Links program connects residents to resources to help them meet their basic needs through a referral process with Community Health Workers, who work to follow up with individuals to ensure they get the assistance they need.

Moving forward from previous years and lessons learned, we also identified the need for schools and businesses to have solid communicable disease plans. We worked to strengthen and build upon procedures and processes that we then shared with these sectors to help keep our community members safe and healthy.

Communication was expanded on as we provided audience-specific newsletters routinely throughout the year to Health Care Providers, Long term Care and Congregate Care settings, Schools and Childcare settings, and Community members to provide them with timely public health news and information.

2022 showed us how far we have come as a community, the obstacles we have overcome, and the continued work needed to be done as we improve health outcomes. The public health challenges we face are too large for one organization or community sector to fix alone. Continued collaboration in our community is important to provide sustainable support and resources for all.

We are incredibly proud of this resilient community and the efforts being made to keep Allegan County a safe, clean, and healthy environment in which to live, work, and play.

yours in health.

Angelique Joynes, MPH

Angelique Joynes, MPH, RN
Health Officer



THE ADMINISTRATION TEAM



Angelique Joynes, MPH, RN
Health Officer



Rik Tooker, MD, MPH
Medical Director



Lindsay Maunz, MPH, CHES, CPH
Public Health Planning and
Preparedness Manager



Randy Rapp, RS
Environmental
Health Manager



Lisa Letts, BSN, RN
Personal Health
Manager

In 2022:

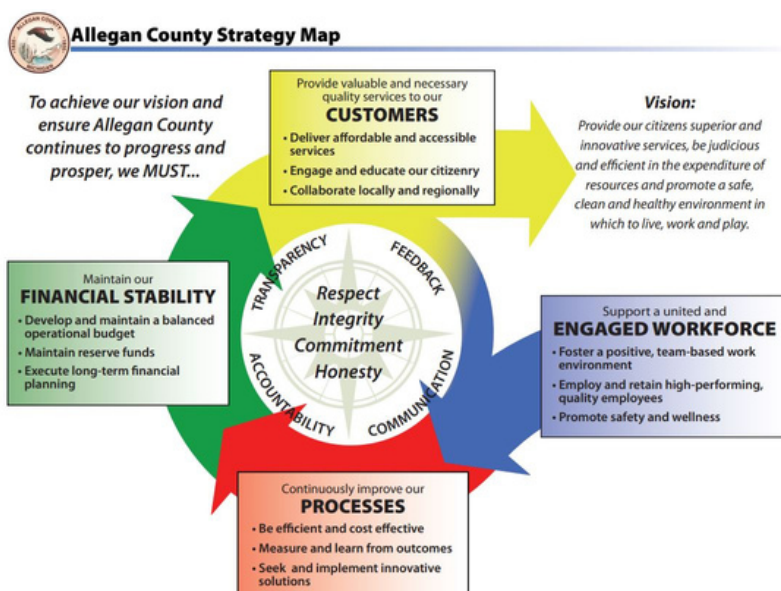
- 7 Full-time employees
- 2 Contracted employees

STRATEGIC FRAMEWORK

*Together: Striving for a Healthier
Allegan County*

Our strategic framework influences community health outcomes while improving community health outcomes that align with the Organization's vision and purpose of the Department.

See Allegan County's Strategy Map below:



THE FOUR DIVISIONS OF ACHD

ADMINISTRATION

The Administration team supports the department as a whole. They issue advisories, cease and desist letters, and more. They work to collect and evaluate data needed to support efficient public health service delivery and share data with the community.

RESOURCE RECOVERY

Resource Recovery coordinates Resource Recovery program activities for participating local units of government (LUGs) and facilitates the Solid Waste Planning Committee.

ENVIRONMENTAL HEALTH

The Environmental Health team provides services such as well and septic permits, soil erosion and sedimentary control permits, restaurant inspections, groundwater contamination surveillance, beach sampling, vector-borne surveillance, and more. They also identify opportunities for environmental health education and work with the Planning and Preparedness team to develop materials.

PERSONAL HEALTH

The Personal Health team provides services such as STI/HIV, Immunizations, Lead, Hearing and Vision, Communicable Disease, and Children's Special Health Care Services (CSHCS). They also provide education, in-services, and on-site inspections for medical providers participating in the Vaccine for Children (VFC) program and Adult Vaccine Program (AVP). They also provide safe storage and handling, inventory management, and patient education.

PLANNING & PREPAREDNESS

The Planning & Preparedness team provides services such as community health needs assessment and community health improvement plans, emergency preparedness, and other planning and health education services that improve community health and quality of life in Allegan County. They also interact with the community through social media and media interviews.

2022 IN REVIEW

A few accomplishments
from each division

ADMINISTRATION

36 Inquiries responded to & inquiry forms updated to include health concerns 

Secured grant funding for a Community Information Exchange and a Behavior Risk Factor Survey

Attended "Day at the Capital" event and met with 3 legislators 

Focused on Improving Employee Engagement by conducting DiSC assessments for employees & contract staff. 

Received the 2022 Liberty Bell Award from the Allegan County Bar Association 

Received an Economic Agency Award from Allegan County Chamber of Commerce 

Provided Well-being training for team members 

249 Customer Satisfaction surveys returned
Overall satisfaction rate of 98%

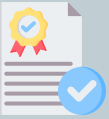
Continuous Improvement project created with Allegan County Project Management around contracts & agreements

ENVIRONMENTAL HEALTH

The Field team met the 14 business day turnaround **98.2%** of the time for permits and loan evaluations.

Electronic storage of EH Files Project: ~**75%** of facility files were scanned so all files can be accessed directly by the public in the future

The Food team performed all of the food inspections for the 2022 Allegan County Fair 

The Field team met follow-up requirements for EGLE accreditation 

 2 employees attended the 2022 Environmental Health Training in Emergency Response

 Successfully completed private water, septic, and type III well audits

PERSONAL HEALTH

Created and shared a Communicable Disease Plan template for schools 

Created a school dashboard for certain reportable diseases 

Re-distributed vaccine inventory to local providers **87 times**

Increased the number of children who received elevated blood lead level screenings

Secured a Personal Health Coordinator position 

317 people were successfully vaccinated for Mpox to help mitigate the spread

PLANNING & PREPAREDNESS

Completed a COVID-19 After Action and Improvement Plan 

Hired and trained a Public Information Officer (PIO) 

Contracted 2 Community Health Workers & launched the Allegan County Community Links Program

Established a School/Child-care Newsletter for monthly communications 

Collaborated on a Community Health Improvement Plan (CHIP) with community partners 

Worked with Allegan County Information Services to improve readability & navigation of the ACHD COVID-19 webpages

Distributed an annual Public Health Employee survey to help inform the workforce development plan

Modified the ACHD Communication Plan to send to Allegan County County Administration 

Re-established the ACHD Continuous Improvement (CI) Committee 

ENVIRONMENTAL HEALTH AT A GLANCE

**over
40,000** Environmental
Health services
provided in 2022

In 2022:

- 14 Full-time employees
- 1 Part-time employee
- 2 Contracted employees

FIELD



506

Residential
well final
inspections



542

Residential
well permits



2,759

SESC
inspections



474

Sewage
disposal
final
inspections



576

Sewage
disposal
permits



435

SESC permits

FOOD



816

Food
establishment
inspections
performed



33

Complaints/
food borne
investigations



93

Temporary
food
inspections

OTHER SERVICES



3

beaches sampled for
14 weeks (no E. Coli
exceedances found)



180

Abandoned
wells plugged



77

Public pool
inspections



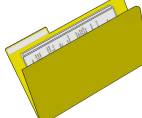
23

campground
inspections



9

Body art
facilities
inspected



1,006

EH Records
Requests
Processed



31,604

Facility Files
Scanned

ENVIRONMENTAL HEALTH HIGHLIGHTS

VECTOR-BORNE DISEASE SURVEILLANCE

ACHD participated in the MDHHS Vector-Borne survey grant again in 2022, continuing work from 2020 and 2021, as vector-borne viruses continue to be emerging diseases.

No invasive mosquito or tick species were found during the sampling season.

MOSQUITOS



926

total mosquitos collected and identified

TICKS



8

total ticks collected and identified



2

collected were black-legged ticks that have the potential to carry lyme disease and were sent to the state to be tested.

TIRE COLLECTION EVENTS

ACHD used the Vector-Borne Disease Grant funds to collect agricultural tires at the planned Resource Recovery Tire Collection Events held in 2022. Without the grant, we can't take in agricultural tires due to their large size and the need for loading equipment. Agricultural tires are typically anything larger than a semi-truck tire, are almost always from farm equipment, and are prime mosquito breeding habitats.



120

agricultural tires collected

Pictured above: Jacob, an ACHD Sanitarian, and another volunteer moving a tire into a truck at a collection event.



75

mosquito/tick prevention kits distributed

Using grant funds to purchase, the kits distributed at tire collection events contained: "Fight the Bite" ACHD pouches, bug spray, larvicidal tablets, and educational handouts on tick and mosquito prevention.

PERSONAL HEALTH AT A GLANCE



12,752

Medicaid
Outreach Units

**over
75,000** Personal Health
services provided
in 2022

In 2022:

- 8 Full-time employees
- 22 Contracted employees (average)

CHILDREN'S SPECIAL HEALTH CARE SERVICES

Provided to children and adults with qualified medical diagnosis



678

Total clients



163

Level 1 plans
of care



169

Level 2 plans
of care

COMMUNICABLE DISEASE



55

Lead test
follow-ups



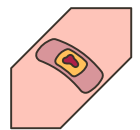
210

Animal bite
follow-ups



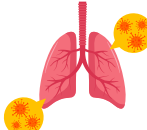
13,326

Investigations



54

TB Skin Tests



19

TB latent
infections

HEARING & VISION



4,314

Hearing
screenings



6,956

Vision
screenings



1,738

Immunizations

SEXUAL HEALTH



184

STD/HIV
clinic visits



494

STD/HIV case
follow-ups

32,875 Wear One Program condoms distributed



258

Waivers



31

Homebound
immunizations

PERSONAL HEALTH HIGHLIGHTS

MPOX RESPONSE

Background: Starting in May 2022, cases of Mpox were reported from countries that don't normally report Mpox, including the United States. This outbreak was spreading mostly through close, intimate contact with someone who had active Mpox. Mpox is a rare disease caused by infection with the Mpox virus.

ACHD worked with businesses related to exposures and case investigations for close contacts, provided travel monitoring and vaccine to high-risk eligible individuals, and collaborated with MDHHS, other health departments, and jurisdictional high-risk settings to assist in case investigation, contact tracing, and notification to potentially exposed individuals to help mitigate the spread of Mpox in the Allegan County community. ACHD identified high-risk populations and ways to get health education and vaccine to these populations utilizing businesses and other non-traditional partners. By rapidly deploying vaccine, we were able to help mitigate the spread of Mpox and outbreaks in our community.

VACCINATION

ACHD's vaccination strategy for Mpox followed MDHHS and CDC guidance, following risk-based criteria and screening eligibility, ensuring the needs of residents were met equitably with the limited vaccine available. An online request form was created for individuals to request the Mpox vaccine at their convenience. We were able to spread the word through various communication channels such as social media and our Public Health Newsletter.



317
individuals
vaccinated
for Mpox



38
individuals vaccinated for
Mpox at community
outreach events

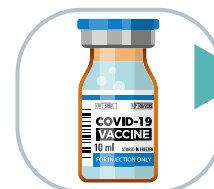
OUTREACH

ACHD created and provided Mpox educational handouts and provided Mpox vaccine during weekend community event venues to reach populations at high-risk for infection.

COVID-19 RESPONSE INTEGRATION

Throughout 2022, ACHD incorporated COVID-19 vaccine and boosters as part of regular immunization clinics offered every Wednesday by appointment. If clients could not make a Wednesday appointment, other days of the week were utilized to accommodate an appointment for them. Individuals in need of a COVID-19 vaccine that could not find an appointment near them were able to schedule an appointment.

ACHD also offered COVID-19 vaccine and boosters at several community outreach events throughout 2022 to assist residents needing to stay up-to-date on their COVID-19 vaccinations.



617
individuals
vaccinated
for COVID-19

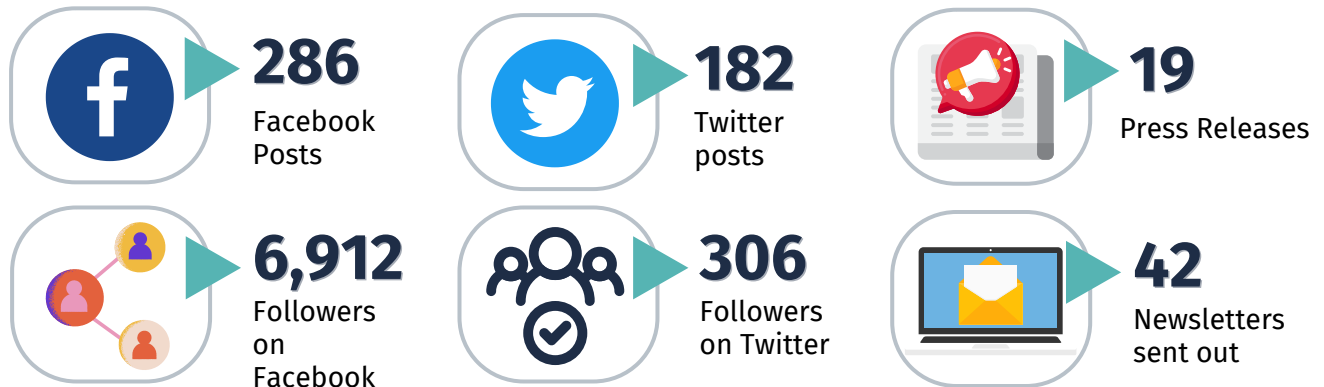
PLANNING & PREPAREDNESS AND RESOURCE RECOVERY AT A GLANCE

PLANNING & PREPAREDNESS

In 2022:

- 2 Full-time employees
- 3 Contracted employees (average)

COMMUNICATIONS



HEALTH EDUCATION



RESOURCE RECOVERY

In 2022:

- 1 Full-time employee



In 2022, 2 additional local government units (LGUs) joined the Resource Recovery Program. The Resource Recovery Program serves 20 communities in Allegan County. Scan the QR code to visit the [Resource Recovery webpage](#).



PLANNING & PREPAREDNESS

HIGHLIGHTS

COMMUNITY LINKS PROGRAM



In June 2022, ACHD received grant funding from the Michigan Rural Health Center to hire 2 Community Health Workers and launched a pilot program called Allegan County Community Links in **October 2022**. This program does not replace or interfere with what other community agencies are currently doing but will help fill a gap in service when a community agency cannot.

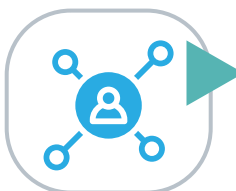
Using a referral process, Community Links serves as a liaison/link between health/social services and the community to facilitate access to services and improve the quality and cultural competence of service delivery.

Take the referral survey by visiting allegancounty.org/health or by scanning the QR code



14

community
partnerships
developed



35

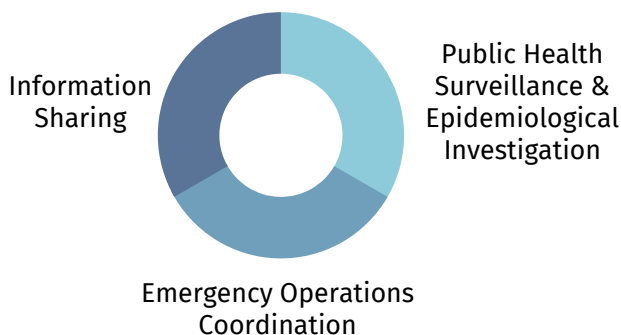
referrals
made from
Oct-Dec 2022



COVID-19 AFTER ACTION PLAN

In 2022, ACHD created an “After-Action” survey and conducted two focus group sessions to gather feedback from our partners and community members surrounding the COVID-19 pandemic that will help improve future public emergency response protocols in Allegan County. An After Action Report (AAR) and Improvement Plan were created based on feedback and shared with community partners and our Board of Commissioners. An AAR analyzes lessons learned, best practices, and recommendations for future planning, training, and exercise development. The report can be found in the Data and Reports section of our website, www.allegancounty.org/health.

3 MAJOR PRIORITIES IDENTIFIED



AREAS TO BE STRENGTHENED



COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP) 2022-2025

CHIP BACKGROUND & CREATION

Community Health Needs Assessments (CHNA) occur every 3-5 years. The 2022 CHNA was published by CHNA Collaborative, consisting of Ascension Borgess Allegan Hospital, United Way of Ottawa and Allegan Counties, and ACHD. Data from CHNA was presented to the Allegan County Multi-Agency Collaborative Council (MACC) in April 2022. MACC members assisted with prioritizing needs to focus on for the CHIP. The CHIP was conducted collaboratively with feedback from multiple organizations and individuals across different sectors within Allegan County to help guide the process.

The CHIP Steering Committee determined the priority areas, goals, and objectives through a collaborative process, aiming to align, plan, and implement the recommended strategies with other community partners and their organizational strategies and reduce the duplication of efforts to remove silos and maximize resources. An important component of this CHIP is the accountability to forward progress on strategies. Quarterly meetings will occur to monitor that forward progress.

2022 CHIP STEERING COMMITTEE MEMBER ORGANIZATIONS:

- Ascension Borgess Allegan Hospital
- Allegan County Health Department (ACHD)
- United Way of Ottawa and Allegan Counties
- Allegan County Multi-Agency Collaborative Council (MACC)
- OnPoint
- Allegan Area Educational Service Agency (AAESA)
- Gun Lake Tribe
- Allegan County Food Pantry Collaborative

CHIP PRIORITY AREAS & GOALS

The goal of the 2022-2025 CHIP is to identify the greatest health needs in the Allegan County community, identify the goals and objectives of each need, and recommend strategies and action steps for implementation to address Social Determinants of Health (SDOH) and help improve the health and well-being of individuals within Allegan County. **4 priority areas have been identified in this CHIP.**

Access to Medical Care

Goal: Increase capacity and use of a patient-centered, community-integrated, and quality system of care for Allegan County residents.

Behavioral Health

Goal: Increase recognition and treatment of behavioral health conditions.



Food Security

Goal: Increase availability of healthy food options for residents, while also expanding supplemental food resources in Allegan County.

Housing

Goal: Strengthen the Housing sector within Allegan County and increase collaborative solutions.

Read the full CHIP report on the Healthy Allegan County Coalition (HACC) website at: www.healthyallegancounty.org. The data for Allegan County's CHIP planning came from the 2022 Community Health Needs Assessment (CHNA), also found on the HACC website. To get involved, contact: info@healthyallegan.org.

COMMUNITY OUTREACH RECAP

In 2022, ACHD utilized our mobile health unit to provide services and health education to individuals at community events throughout Allegan County. By meeting individuals out in the community, we were able to reach vulnerable populations and provide care in non-traditional settings.



9

Outreach
events
attended



5

Events mobile
unit deployed to

As part of the 2022-2025 CHIP, ACHD will continue to address access to care by attending community events throughout the county to provide clinical services, health education, and more.

DOUGLAS PRIDE EVENT



ACHD provided health education along with rapid HIV testing, COVID-19 vaccinations, and Hep A & B vaccinations at Douglas Pride in the Park on June 3, 2022. Pictured left to right: ACHD employees Liz, Abby, and Kylie.

CAMP-IT RESORT EVENT



ACHD provided health education and information related to risk reduction of HIV and other sexually transmitted infection, Mpox, and other communicable disease prevention on June 18, 2022 at Camp-It Outdoor Resort.

ALLEGAN COUNTY FAIR



ACHD provided health education and signed individuals up for COVID-19 vaccination appointments at Senior Day at the Fair, September 13, 2022. Pictured: ACHD employee Sharon.

CAMP-IT RESORT EVENT

ACHD provided health education and Mpox vaccine at the October 1, 2022 event held at Camp-It resort.

AAESA RESOURCE FAIR

ACHD provided health education and CSHCS information and transition resources at the Allegan Area Education Service Agency (AAESA) resource fair event held by the Parent Advisory Committee (PAC) on December 8, 2022.

BRIDGEFEST EVENT



ACHD provided health education along with COVID-19 and Hep A & B vaccines at Allegan Bridgefest, June 10, 2022.

DUNES RESORT EVENT



ACHD provided health education and information related to risk reduction of HIV and other sexually transmitted infection, Mpox, and other communicable disease prevention on June 26, 2022 at Dunes Resort.

HELP ME GROW EVENT



ACHD provided health education at the Help Me Grow "Books, Balls, and Blocks" event held on September 29, 2022. Pictured: ACHD employee Stephanie.

VETERANS STAND DOWN EVENT



ACHD provided health education along with COVID-19 and Hep A & B vaccines at Allegan County Veterans Stand Down Event on October 20, 2022. Pictured: ACHD employees Liz and Veronica.

ANIMAL SHELTER & MY COMMUNITY DENTAL CENTER

ANIMAL SHELTER

1,759
total services
provided

Allegan County partners with Wishbone Pet Rescue Alliance to operate the Animal Shelter. Wishbone offers pet adoption services, education about the importance of safe animal care and housing, and reuniting strays with their families through the Animal Shelter.



244
dogs adopted



225
cats adopted



MY COMMUNITY DENTAL CENTERS



My Community Dental Centers (MCDC) is a non-profit 501(c)3 corporation, that established a partnership with ACHD to provide dental services to Medicaid enrollees and low-income, uninsured residents.

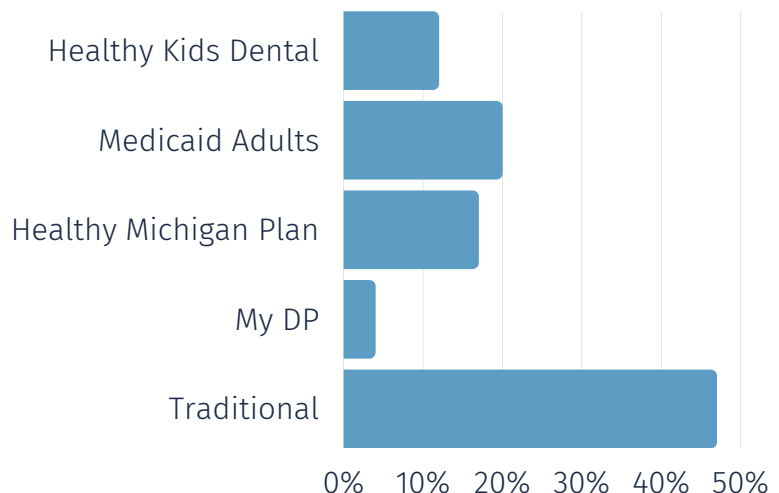


6,248
total office
visits



5,080
unique patients
served

Average Type of Patient Coverage (%), 2022



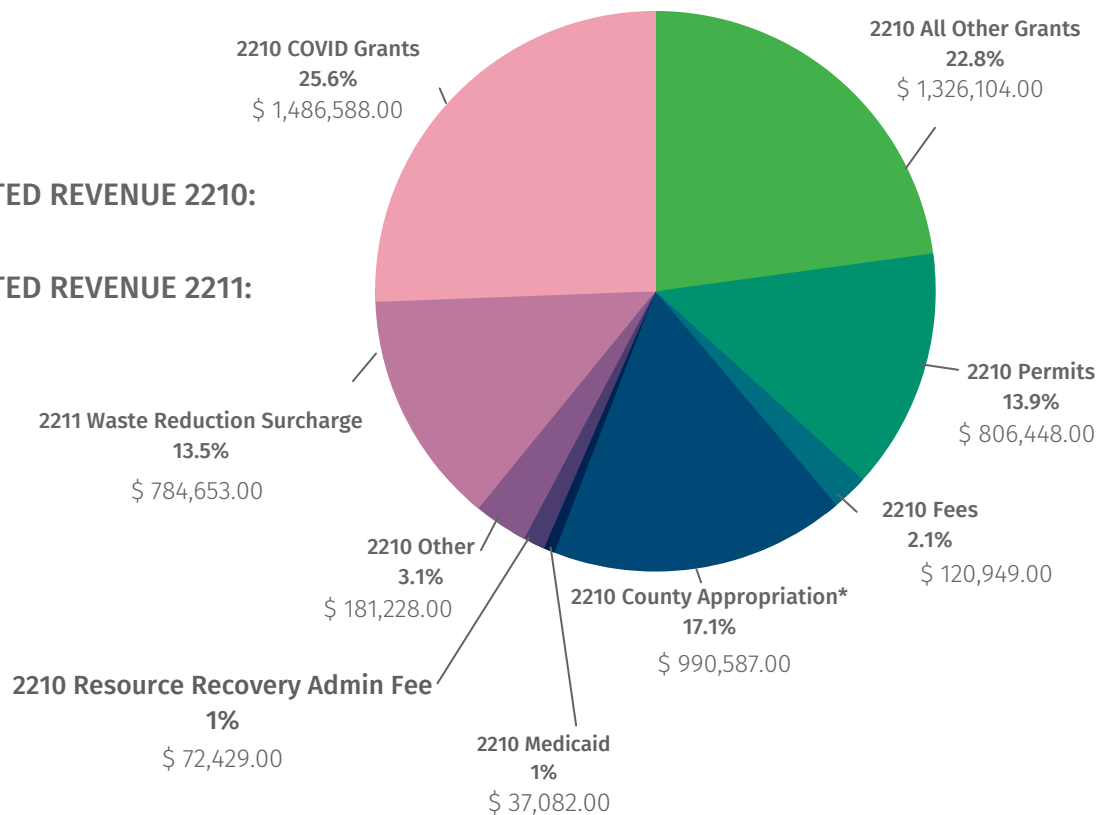
FINANCIAL OVERVIEW

2022 BUDGETED REVENUE

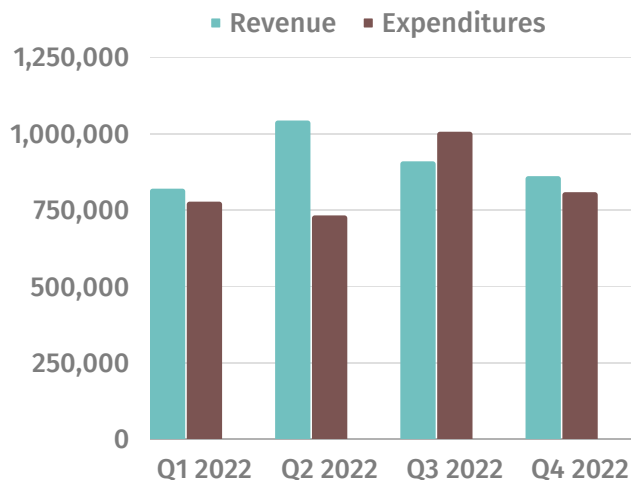
Public Health oversees two funds. Fund 2211 supports all recycling activities. The primary revenue for recycling is the recycling surcharge. Fund 2210 supports all Public Health operations. Revenue in Fund 2210 generally includes the County General Fund allocation, State funding, grants, permits, fees, and Medicaid reimbursement.

TOTAL BUDGETED REVENUE 2210:
\$5,021,415.00

TOTAL BUDGETED REVENUE 2211:
\$784,653.00

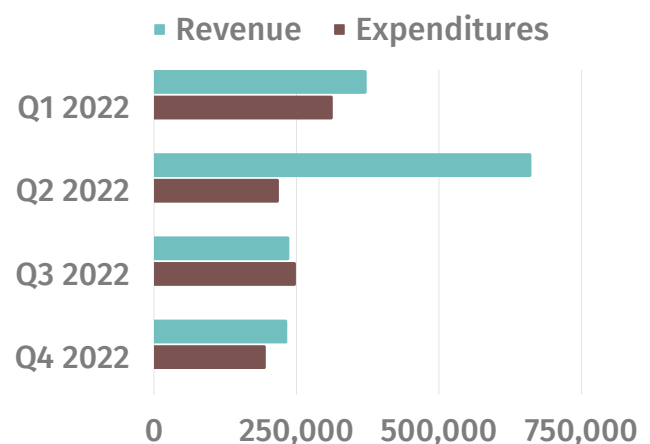


REVENUE & EXPENDITURES BY QUARTER (EXCLUDING COVID-19 FUNDING)



Total revenue: \$3,624,667
Total expenditures: \$3,316,813

REVENUE & EXPENDITURES BY QUARTER (COVID-19 ONLY)



Total revenue: \$1,500,610
Total expenditures: \$973,492

GOVERNANCE

The Allegan County Board of Commissioners (BOC) is the governing board of the Public Health Department. The BOC employs a County Administrator who is recognized as the Chief Administrative Officer of the County. **Representatives from 2022 are below.**

2
0
2
2



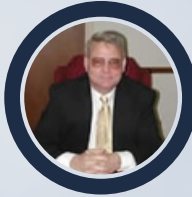
Robert Sarro
County
Administrator



Dean Kapenga
District 1



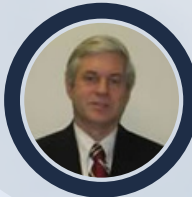
Jim Storey
District 2



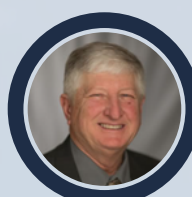
Max R. Thiele
District 3



Mark DeYoung
District 4



Tom Jessup
District 5



Gale Dugan
District 6



Rick Cain
District 7

As of **2023**, the district map for Allegan County has **changed** along with the number of commissioners for Allegan County. **View the updated BOC below.**
For more information visit www.allegancounty.org.

2 0 2 3



Robert Sarro
County
Administrator



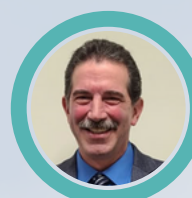
Jim Storey
District 1



Mark DeYoung
District 2



Dean Kapenga
District 3



Scott Beltman
District 4



Gale Dugan
District 5

MISSION

The Allegan County Board of Commissioners shall plan, develop and evaluate the necessary policies and resources to ensure our county continues to progress and prosper.

The Allegan County Board of Commissioners is committed to providing our citizens superior and innovative services, being judicious and efficient in the expenditure of resources, and promoting a safe, clean and healthy environment in which to live, work and play.

VISION



HEALTH
Department

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