

2019

ANNUAL REPORT

Macomb County Health Department



Health
Department



Dear Friends,

It is my pleasure to present the Macomb County Health Department (MCHD) 2019 Annual Report.

Throughout 2019, MCHD maintained a singular focus on our mission – to protect and promote the health and well-being of all those who live, work and play in Macomb County. Every single day our team strived to promote better health in Macomb County by providing the invaluable, diverse community services you will find described in this report. You will also find updates on our 2018-2023 Strategic Plan and our Community Health Improvement Plan, as well as a number of success stories.

Also in 2019, exemplary work by the staff of MCHD was recognized by the National Association of Counties (NACo) and the National Association of City and County Officials (NACCHO). NACo awarded MCHD Achievement Awards for our work on the Hepatitis A Community Response and the Move More Macomb campaign; in all, we have received 12 Achievement Awards from NACo since 2014. NACCHO recognized MCHD with recognition as a Model Practice for our Youth Preparedness Program.

I am proud of our work and the positive impact MCHD has had on the lives of Macomb County residents and look forward to continued momentum in the future. Please contact me, or any member of my leadership team if you have any suggestions on how we can better serve the public health needs of Macomb County.

Thank you for your continued support.

Sincerely,

William Ridella,
Director/Health Officer



MISSION
In partnership with the communities we serve, our mission is to protect and promote the health and well-being of all those who live, work and play in Macomb County.

VISION
Healthy people in healthy communities

VALUES
Integrity • Quality of life • Dedication • Prevention
Quality service for all • Respect and dignity • Confidentiality
Collaboration • Responsibility • Innovation and Creativity
Open Communication



About Macomb County



With a population of over 868,000, Macomb County is the 3rd most populated county in the State of Michigan.

The County covers 483.7 square miles and is comprised of 27 local units of government. The county features more than 17,000 acres of parks and recreation, 155 miles of non-motorized trails, 32 miles of shoreline along Lake St. Clair and 81 miles of the Clinton River traversing the county.

Population¹
868,704

Median Age¹
40.8 years old

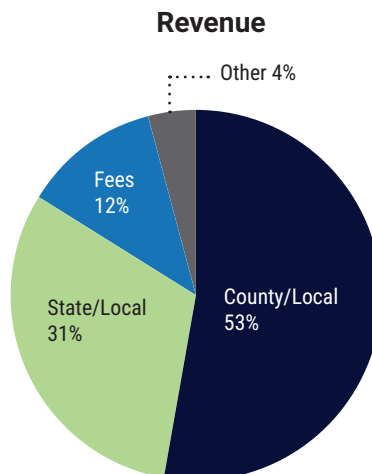
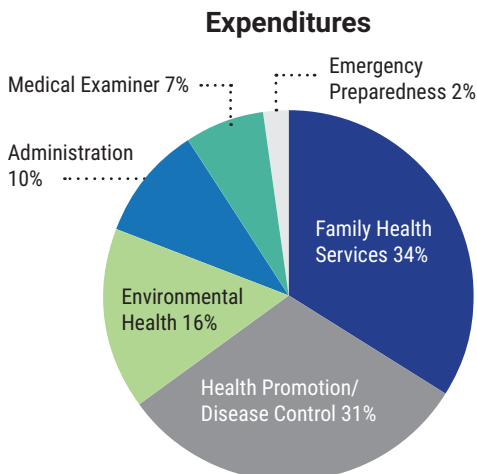
Median Household Income¹
\$60,466

County Seat	Mount Clemens, MI
Population Density	• 1,796 persons per square mile
Age Groups ¹	<ul style="list-style-type: none"> • Under 5 years - 5.5% • 5-19 years - 18.1% • 20-34 years - 19.2% • 35-54 years - 26.9% • 55-64 years - 14.1% • 65+ years - 16.2%
Race/Ethnicity ¹	<ul style="list-style-type: none"> • White - 81.5% • Black - 11.4% • Asian/Pacific Islander - 3.9% • Other - 0.9% • Two or more races - 2.3%
Percent High School Graduate or Higher ¹	• 90.5%
Percent with income in past 12 months below poverty level ¹	• 11.3%
Leading Causes of Death ²	<ul style="list-style-type: none"> • Heart Disease - 25.5% • Cancer - 22.2% • Unintentional Injuries (Accidents) - 6.4% • Chronic Lower Respiratory Disease - 4.9% • Stroke - 4.6%
Percent no health insurance coverage ^{1,2}	• 5.7%
Percent pregnant women who received prenatal care during first trimester ^{1,2}	• 76.4%

¹ American Community Survey (2018)

² Michigan Department of Health & Human Services, Division for Vital Records & Health Statistics (2018)

2019 Financial Information and Summary



In 2019, the Department operated with an annual budget of 30,529,558. This funding was allocated to administrative services and program divisions to provide services for county residents and communities. Macomb County is committed to responsible stewardship of tax dollars. Financial transparency information is located on the County Finance web page (finance.macombgov.org/Finance-Transparency).

Macomb County Health Department By the Numbers

Community Health Planning and Promotion

Community Health Planning and Promotion Division (CHPP) works to improve opportunities for healthy living for all those who live, work, and play in Macomb County. CHPP uses a data-driven approach to address social determinants of health, reduce barriers to health, and provide education and outreach in the community.

CHPP programs include:

- Children's Special Health Care Services (CSHCS)
- Health Planning
- Healthy Communities
- Hearing and Vision Screening
- WIC (Women, Infants, and Children Supplemental Nutrition Program)

Disease Control

Disease Control Division (DC) focuses on reducing the occurrence and impact of communicable disease on county residents through surveillance, investigation, education and testing.

Programs within DC include:

- Communicable Disease Surveillance
- Foreign Travel and Health Information
- HIV Counseling and Testing
- Sexually Transmitted Disease (STD)
- School Immunization Program
- Clinic Tuberculosis Control

Women, Infant & Children's (WIC) Program



34,293
In-person and Online Interactions



2,953
Families Received Breastfeeding Support & Assistance



11,200
Monthly Average of Clients



1,048
Children Received Capillary Lead Test

Children's Special Health Care Services



782
Plans of Care Written for Children with Special Healthcare Needs Families



106
Participants and 21 Vendors Participated in Family Fun and Information Night



242
Care Coordination Engagements

Hearing and Vision Screening



36,292
Hearing Screenings



101,871
Total Screenings



65,579
Vision Screenings

Disease Control



11,724
Communicable Disease Surveillance Investigations



1,998
Sexually Transmitted Diseases (STD) Clinic Clients



170
Tuberculosis Control Clients Evaluated



1,517
HIV Counseling and Testing Program Clients



1,854
School Immunization Waivers Certified

Macomb County Health Department By the Numbers

Family Health Services

Family Health Services Division (FHS) offers a wide variety of personal health services to promote wellness and provide health information for the residents of Macomb County.

Programs and services offered by FHS include:

- Family Planning
- Immunizations
- Maternal Child Health Outreach
- Nurse Family Partnership
- Public Health Nursing

Family Health Services



1,803
Home Visits to Children and Pregnant Women



1,041
Medicaid and Healthy Michigan Plan Applications



1,499
Family Planning Clients



60
Community Hepatitis A Clinics



211
Children Referred to Lead Nursing Case Management



9,177
Adults Vaccinated



659
Attendees at Infant Safety Education Events



10,495
Children Vaccinated



19,672
Total Individuals Vaccinated

Environmental Health and Emergency Preparedness

Environmental Health Services Division (EH) provides health services designed to assure a safe and healthy environment to all county residents.

EH Services provide education and regulatory activities in the following areas:

- Bathing Beach & Surface Water Quality
- Community Health and Safety
- Emergency Preparedness
- Environmental Mgmt. & Risk Assessment
- Food Service Sanitation
- Groundwater Protection
- Property Transfer Regulation
- Septic System Waste Management
- Public Swimming Pools
- Shelter Management

Environmental Health & Emergency Preparedness



170,209
Pounds of Household Hazardous Waste Collected from 1,401 Residents at Community Events



155
New Food Facility Plans Reviewed



1,204
5th Grade Students in 44 Classrooms in 16 Schools Received Youth Preparedness Presentations



6,298
Food Inspections



302
Well Inspections and Evaluations



848
Septic Inspections and Evaluations

2018-2023 Strategic Plan

Strategic planning allows an agency to identify priorities, direct energy and resources, and move forward as a cohesive unit toward common goals. The current strategic plan cycle began in 2018, when all MCHD staff were given the opportunity to provide input on what their vision for the department would be. In addition, the Department surveyed key stakeholders and community partners for qualitative feedback on their relationships with the department.

The 2018-2023 MCHD Strategic Plan defines and determines the Department's roles, priorities and direction, and serves as a guide for decision making and resource allocation. The plan will continue to be implemented over the next four years and is revisited regularly to review progress and achievements, and is modified as necessary to continue to meet public health challenges as they arise.

Strategic Priorities

- Agency Prioritization
- Technology
- Workforce Development
- Staff Engagement
- Health Equity



Key Accomplishments in 2019

- Created and implemented an agency wide workforce development plan
- Implemented a new and refreshed agency wide onboarding process
- Established a standardized training log for staff
- Increased the number of programs that accept credit cards
- Submitted Public Health Accreditation Board (PHAB) application and concurrent documents (awaiting site visit in 2020)
- Completed eight Quality Improvement projects
- Conducted employee focus groups to improve staff engagement
- Completed the agency staff self-assessment
- Implemented a Culturally and Linguistically Appropriate Services (CLAS) policy agency wide
- Conducted Health Equity training for staff

Community Health Improvement Plan

The Macomb County Health Department is pleased to present its progress on the Community Health Improvement Plan (CHIP). The CHIP is a community-driven, strategic and measurable work plan. It defines how community partners across sectors work together to address priority health issues identified through a comprehensive assessment of local data. In coordination with local hospitals, community stakeholders and partner organizations, more than 30 diverse Macomb County community organizations collaborate on four priority areas for the CHIP: *Chronic Disease & Healthy Lifestyle*, *Behavioral Health*, *Social Determinants of Equity*, and *Access to Services*.

Chronic Disease & Healthy Lifestyle

Launching in 2018 and expanding in 2019, the Move More Macomb initiative continued to reach members of the public to share physical activity opportunities and information about the importance of physical activity and chronic disease. In 2019, the Move More Macomb initiative received a National Association of Counties (NACo) Award and was promoted at 14 events throughout the county.



Additionally, the Tools for Healthy Schools guide was shared with over 100 schools in Macomb and St. Clair counties. This guide includes information on three programs that schools can use to encourage healthier behavior and choices: Healthy School Action Tools, Fuel Up to Play 60, and the Smarter Lunchrooms Movement.

Lastly, a physical activity survey was conducted among the senior population to understand where and how older adults engage in physical activity in Macomb.

By the Numbers

- 103 Tools for Healthy Schools guides distributed
- 392 physical activity surveys completed with older adults

Behavioral Health

In May of 2019, the Behavioral Health workgroup launched the Resource Map for Behavioral Health Services. This map includes a total of 664 unique resources that either provide behavioral health services or can be helpful for individuals with behavioral health needs or challenges. The purpose of the map is to increase public awareness as well as utilization of these preventative and treatment services that are available in Macomb County.



Further, the workgroup developed a Health Insurance Resource Guide to assist residents in understanding their insurance options as well as promoted Narcan and Mental Health First Aid training opportunities in the county.

By the Numbers

- 664 unique resources in the Behavioral Health Resource Map

Social Determinants of Equity

In 2019, the Macomb County Health Department (MCHD) implemented a Culturally and Linguistically Appropriate Services (CLAS) policy, which ensures that all programs and services are designed, implemented, evaluated and delivered in a manner that advances health equity, improves quality, and eliminates disparities in health and health care. During the year, 86% of MCHD staff completed training on CLAS.



The Health Department seeks to expand CLAS training and other training opportunities for staff in order to improve the quality of its service delivery throughout the county.

By the Numbers

- 86% of MCHD staff trained in CLAS

Access to Services

In 2019, the Farm to School Directory was officially published and distributed to all food service directors in Macomb County. Continued outreach has led to the inclusion of 11 farms in the current iteration of the directory. Some schools in the county have already used the guide to purchase from local farmers for meals and events such as Apple Crunch Day.



Additionally, results of the 2018 oral health survey were used to develop goals and objectives for the Macomb County Oral Health Coalition. The coalition has been working in the community to disseminate information on where residents can access low-cost or free dental care. This year, the coalition has established partnerships with nearly 20 food pantries and faith-based institutions in the county. In addition, the coalition has presented and distributed oral health information to residents at a variety of community events throughout 2019.

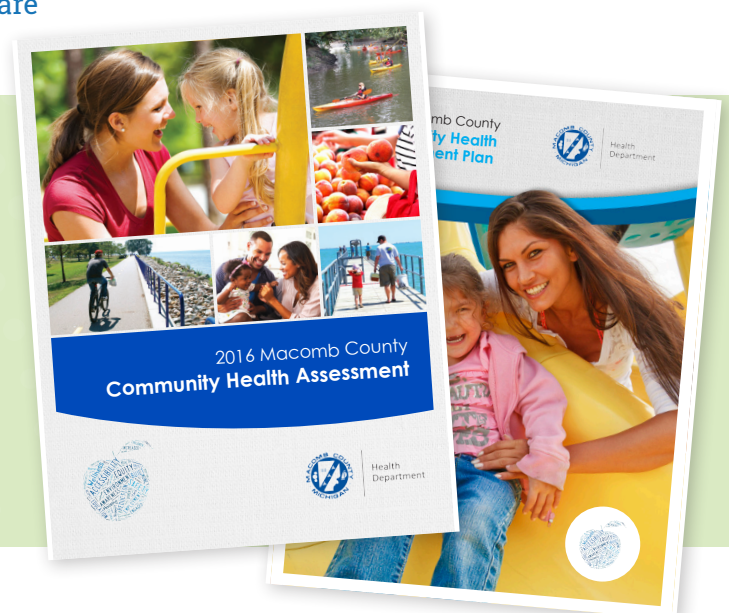
By the Numbers

- 11 farms participating in the Farm to School Directory
- 401 event attendees educated on low-cost dental care

The 2017 CHIP and 2016 CHA can be viewed in their entirety by visiting cha.macombgov.org. The Health Department maintains scorecards to serve as a live report card of the work being done in accordance with the CHIP.

You can find the CHIP score card at:

<https://embed.resultsscorecard.com/scorecard/Embed/29593>





Medical Examiner Office

The Medical Examiner’s duty is to investigate deaths to determine the cause and manner of death for cases that fall under their jurisdiction. The Macomb County Medical Examiner’s office is a fully-accredited office under the National Association of Medical Examiners (NAME). The Medical Examiner office is one of only five NAME fully-accredited offices in Michigan.

MEDICAL EXAMINER CASES	3,270
FORENSIC EXAMINATIONS	800
CREMATION PERMITS	4,518

In 2019, the Medical Examiner’s Office investigated more deaths than any other previous year. The number of Medical Examiner cases increased 6.8% from 2018.



Drug Related Deaths in Macomb County

In 2019, drug-related deaths, including deaths related to opioids, heroin, and fentanyl/fentanyl analogs continued to be a public health problem. With 319 total drug-related deaths, Macomb County experienced an 18% decrease from 2018’s all-time high of 388. Although deaths related to heroin and fentanyl/fentanyl analogs continue to be a major concern, there was a 52% decrease in heroin-related deaths in 2019. Overall, each category of drug-related deaths experienced a decrease over the course of the year.

CATEGORY	2019
TOTAL HEROIN RELATED DEATHS*	41
PRESCRIPTION MEDICATION - RELATED DEATHS	44
OTHER DRUG-RELATED DEATHS**	86
TOTAL FENTANYL-RELATED DEATHS	164
COCAINE-RELATED DEATHS	60
OPIOID-RELATED DEATHS	207
TOTAL DRUG RELATED DEATHS	319

* Total “heroin related deaths” are deaths due to either heroin alone or heroin in combination with other drugs or alcohol.

** The “other” category are deaths due to illicit drugs (excluding heroin), prescription drugs in combination with other drugs or alcohol (excluding heroin), and other ingested, injected or inhaled substances.

Key accomplishments achieved through work with community partners to reduce opioid and drug related deaths:

- **Completed work on the Safer Opioid Prescribing Grant.**
- **Continued development of the Opiate Surveillance System. Data being shared to MCHD from hospital systems and county partners.**
- **Distributed CDC Opioid Prescribing Guidelines and Clinical Toolkits to 1033 providers in Macomb County.**
- **In partnership with Macomb County Community Mental Health, hosted 6 Mental Health First Aid Trainings to 124 participants.**
- **In partnership with CARE of Southeastern Michigan, hosted 6 community-based Narcan training sessions that had a total of 92 participants.**
- **In partnership with CARE of Southeastern Michigan, hosted 7 Stigma Reduction Trainings with 199 participants.**
- **Conducted 109 sessions of Academic Detailing in Macomb County with prescribers and providers.**
- **610 Drug Disposal bags distributed to community members.**
- **Applied for the National Association of County and City Health Officials (NACCHO) Overdose Prevention and Response Mentorship Program (received recognition in 2020).**
- **Membership in the Macomb Partnership for Overdose Prevention (MPOP), formerly Operation Rx. In 2019, MPOP reconvened key stakeholders across the county and took initial steps to begin strategic planning for the partnership.**



Community Health Planning and Promotion

WIC

- MCHD WIC and Henry Ford Hospital-Macomb entered into a collaboration that allowed the WIC breastfeeding peer counselors to visit families in their labor & delivery rooms at the hospital to provide breastfeeding education, support and referrals to the WIC program.

- MCHD WIC nutritionists were cross-trained in the BRUSH! Curriculum, an oral health program designed to integrate early oral health education and dental referrals into the nutrition education provided to mothers with young children.

- MCHD WIC continued to work with the Southeast Regional WIC Engagement grant. This partnership resulted in WIC participant focus groups that were conducted to gather valuable information from WIC participants and the community regarding their perceptions of the WIC program, and barriers to participation.

Hearing and Vision Screening

- In 2019, Macomb County was one of eight counties across Michigan that offered Otology Clinics; Macomb County hosted 10 clinics with an average of 24 appointments per clinic.

- All 21 Hearing and Vision staff members have been trained to enter and update client information into the Health Department's Electronic Health Record (EHR) system.

Disease Control

- Hepatitis C Outreach -- The Communicable Disease Program implemented a new initiative to reinforce the health of people living with hepatitis C by proactively reaching out to suspect cases to increase education, testing, and treatment to prevent severe negative health outcomes.

- STD/HIV Best Practices Strategies – The Health Department STD/HIV Program staff implemented strategies to deliver a Centers for Disease Control and Prevention best practice for promoting linkage to, retention in, and re-engagement in HIV care for people living with HIV to achieve viral suppression and improved health outcomes to reduce transmission to others.



SUCCESS STORIES

Family Health Services

• In 2019, the Family Health Services team recorded 1,803 home visits to children and pregnant women – an increase of 84% compared to 2018. Services delivered include, but are not limited to support for the family to have a positive pregnancy and a healthy baby, prenatal guidance, birthing information, assistance with obtaining prenatal care, education on infant care, breastfeeding assistance, help with strengthening parenting skills, growth and developmental guidance, links to community resources, assistance in connecting to Early On services, Safe Sleep instruction, and lead education and monitoring.



Environmental Health and Emergency Preparedness

• Recipient of a Model Practice Award from the National Association of County and City Health Officials (NACCHO) for developing and implementing the Youth Emergency Preparedness Training Program for Macomb County –an outreach initiative that targets fifth grade students and educates them on how to prepare for disasters by building emergency kits and making family communication plans. The 2019 Model Practice Award was based on programming in 2018-2019 when the MCHD Emergency Preparedness team engaged 58 classrooms and saw 1,519 children.

The impact of the program was measured through the data analysis of pre- and post-presentation surveys. Results have indicated a greater level of emergency preparedness by these fifth grade students and their families.



Cross-Divisional

- MCHD was recognized with an Achievement Award from the National Association of Counties (NACo) for the Health Department's outreach and vaccination efforts in response to the Hepatitis A outbreak in Michigan.
- The MCHD Community Health Improvement Plan (CHIP) received an Achievement Award from the National Association of Counties (NACo) for the Health Department's Move More Macomb campaign –an initiative and website designed to help residents find opportunities for physical activity for all fitness levels, ages, and costs.



Contact Us

The Macomb County Health Department has six service locations. Not all programs and services are available at all locations. For up-to-date information, call 586-469-5235.

Central Health Center

43525 Elizabeth Road
Mount Clemens, MI 48043
586-469-5235

Southeast Family Resource Center

25401 Harper Avenue
St. Clair Shores, MI 48081
586-466-6800

Thompson Family Resource Center

11370 Hupp Avenue
Warren, MI 48089
586-466-6975

Medical Examiner's Office

43585 Elizabeth Road
Mount Clemens, MI 48043
586-469-5214

Southwest Health Center

27690 Van Dyke, Suite B
Warren, MI 48093
586-465-8090

VerKuilen Building – WIC

21885 Dunham Road
Clinton Township, MI 48036
586-469-5471



**Health
Department**



MACOMB COUNTY
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