



MACOMB COUNTY HEALTH DEPARTMENT



2018 ANNUAL REPORT



Health
Department

MISSION • VISION • VALUES

About Us

The Macomb County Health Department works to improve and protect the health of residents and the environment through more than two dozen programs with over 230 staff. Services are provided in 6 different buildings, spread throughout the County. Department programs and interventions support state and local public health laws and regulations, as well as utilize evidence-based prevention strategies and best practices.

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.

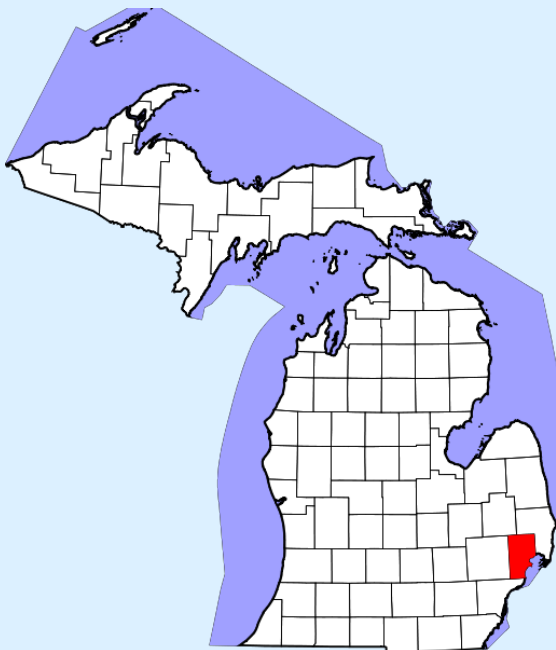
Vision

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



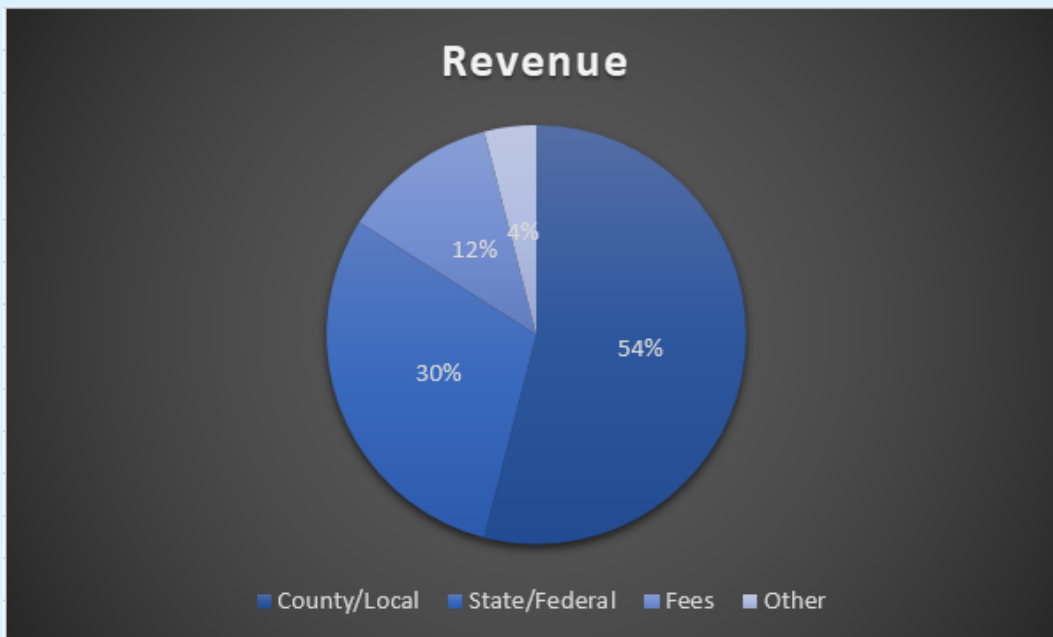
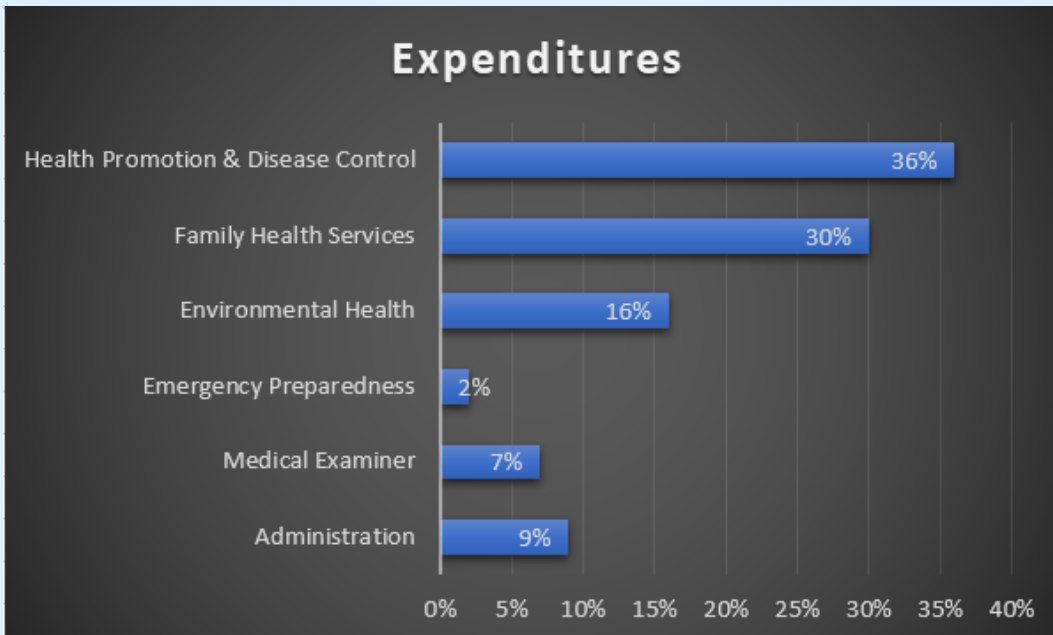
Healthy people in healthy communities.

Macomb County was established in 1818 and celebrated its bicentennial in 2018. Macomb County is the 3rd most populated county with more than 865,000 residents.

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 and 32 miles of shoreline along Lake St. Clair and 31 miles of the Clinton River.



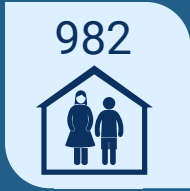
2018 FINANCIAL INFORMATION



In 2018, the Department operated with an annual budget of \$28,682,556.00. This funding was allocated through out administrative functions and program divisions to provide services for residents and communities. Macomb County is committed to responsible stewardship of tax dollars. Financial transparency information is located on the [County Finance web page](#).

BY THE NUMBERS

Family Health Services



Home Visits to Children & Pregnant Women



Attendees at Infant Safety Education Events



Family Planning Clients



Medicaid and Healthy MI Plan Applications



Children Referred to Lead Nursing Case Management



Community Hepatitis A Clinics



Total Clients Vaccinated

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 within FHS include:

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

Healthy people in healthy communities.

Environmental Health



Food Inspections



154

New food facility plans reviewed

143,050

Pounds

of household hazard waste collected from 1,946 residents at community events.



Septic Inspections and Evaluations



Well Inspections and Evaluations



2,110

5th grade students who received emergency preparedness presentations

Environmental Health Division (EH) works to ensure a safe and healthy environment for all county residents.

Programs within EH include:

- Bathing Beach and Surface Water Quality
- Community Health and Safety
- Emergency Preparedness
- Environmental Management and Risk Assessment
- Food Service Sanitation
- Groundwater Protection
- Property Transfer Regulation
- Septic System Waste Management

BY THE NUMBERS

Community Health Planning and Promotion



Clients Receiving WIC Program Services



Car Seat Inspections



Number of Childhood Hearing and Vision Screenings Conducted



Plans of Care Written for Children with Special Healthcare Needs Clients



Attendees at Healthy Communities Presentations

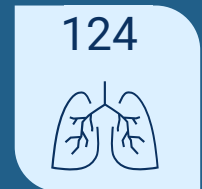
Community Health Planning and Promotion Division (CHPP) works to improve opportunities for healthy living for all those who live, work, and play in Macomb County. CHPP uses a data driven approach to address social determinants of health, reduce barriers, and provide education and outreach in the community.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

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

Disease Control



Clients Receiving HIV Counseling and Testing



Tuberculosis Control Clients Evaluated



School Immunization Waivers Certified



STD Clinic Clients



8,794

Communicable Disease Surveillance Program investigations

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

Programs within DC include:

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

2018-2023 Strategic Plan

Strategic planning allows an agency to identify priorities, focus energy and resources, and move forward as a cohesive unit toward common goals. All MCHD staff were engaged in a pre-work survey to obtain input on what their vision for the department would be. In addition, the Department surveyed its key stakeholders and community partners for feedback and satisfaction in their relationships with the department. In the spring of 2018 the Department brought together staff from all divisions to revisit and renew the agency Strategic Plan.

The 2018-2023 MCHD Strategic Plan defines and determines the Department's roles, priorities and direction, and will serve as a guide when making decisions and allocating resources. The plan will be implemented over the next five years and will be revisited regularly to review progress and achievements, and to revise the plan as necessary to continue to meet public health challenges as they arise.

Strategic Priorities



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 will come 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 identified four priority areas for the CHIP. The priority areas, and 2018 highlights for the CHIP include:

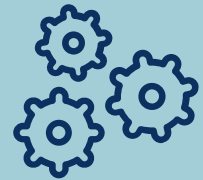


Access to Services

- Farm to School Guide developed with five new farms participating
- 448 oral health surveys completed by community members with data used to improve communication of available oral health services in the County

Behavioral Health

- Mental Health First Aid Training and Question, Persuade, and Refer Training offered to County employees and community partners
- An interactive behavioral health resource map developed



Chronic Disease and Healthy Lifestyle

- 1600 educational materials provided to residents on our new campaign: MoveMoreMacomb.org
- Tools for Healthy Schools developed and shared to local school districts
- MCHD Twitter account @MCHDHealth was launched

Social Determinants of Health

- Revised objective to focus efforts on improving understanding of Culturally and Linguistically Appropriate Services (CLAS) and health equity by MCHD staff
- Identified 20 CLAS trainings and selected 6 to be included in the implemented MCHD Workforce Development plan



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 5 NAME full accredited offices in Michigan. The Medical Examiner office will be applying for reaccreditation in 2019.

MEDICAL EXAMINER CASES	3,061
FORENSIC EXAMINATIONS	692
CREMATION PERMITS	4,336

In 2018, the Medical Examiner's Office investigated more deaths than any other previous year. The number of Medical Examiner cases increased 12.5% from 2017.



DRUG RELATED DEATHS IN MACOMB COUNTY

In 2018, drug related deaths, including deaths due to opioids and fentanyl or fentanyl analogs continued to be a public health problem. Macomb County experienced a slight increase in drug related deaths, but still recorded an all time high of 388. Although deaths related to heroin and fentanyl/fentanyl analogs continue to be a major concern, there was a 22% decrease in heroin-related deaths in 2018. The increase in drug-related deaths was due to an increase in cocaine related deaths, as well as deaths due to other non-opioid drugs such as alcohol, methamphetamines and inhalants.

TOTAL HEROIN RELATED DEATHS*	85
PRESCRIPTION MEDICATION DEATHS	66
OTHER**	123
TOTAL FENTANYL RELATED DEATHS	198
COCAINE RELATED	70
OPIOID	257

MCHD is working with community partners to reduce opioid and drug related deaths through:

- Development of an opioid surveillance system
- MAPS and CDC Prescribing Guidelines trainings
- Development of clinical toolkit for providers on interventions for substance abuse
- Conducting Academic Detailing preparations for 2019

* 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.



Beginning in October of 2018, the Macomb County Health Department Medical Reserve Corps (MCHD-MRC) started offering Stop the Bleed Programming to health students in Macomb County. Stop the Bleed is meant to empower the general public to make a difference in a life-threatening emergencies by teaching them the basic techniques of bleeding control. Civilians need basic training in Bleeding Control principles so they are able to provide immediate, front-line aid until first responders are able to take over care of an injured person. Due to many situations, there may be a delay between the time of injury and the time a first responder is on the scene. Without civilian intervention in these circumstances, preventable deaths will occur (The American College of Surgeons, 2017).

Over the course of three months, almost 300 high school students received Stop the Bleed training and certification from the MCHD-MRC. Seven MCHD-MRC volunteers instructed or assisted with the Stop the Bleed presentations, which include tourniquet and wound packing practice. MRC Health Occupations Students of America (HOSA) students that partner with the MCHD-MRC have also become engaged in the initiative. In addition to the high schools, MRC HOSA students have reached out to first responder organizations and community groups where the MCHD-MRC has also been able to provide bleeding control training.



Pharmacy Outreach Medication Collection



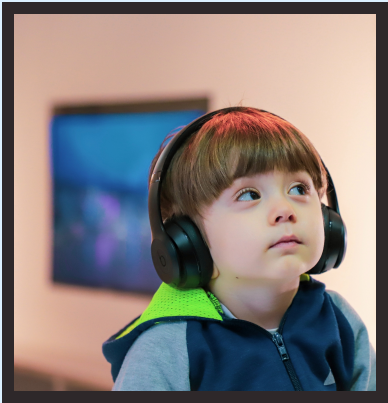
In 2018, the Environmental Health Division was the recipient of the prestigious National Association of Counties (NACo) Achievement Award for the Pharmacy Outreach Medication Collection Program. The success of this program was evident by the amount of unused and unwanted medications that have been collected for safe and proper disposal. This program educates residents on the environmental impacts of improperly disposing of unwanted and outdated pharmaceuticals.

Since the beginning of the program, about 16,600 pounds of pharmaceuticals have been brought in by residents. This program has allowed free, convenient, and regular service to residents by providing collection sites throughout the Macomb County. By expanding to the Southwest center, the department is able to meet the disposal needs of many residents in a heavily populated area of Macomb County. Easily accessible locations for disposal is key to encouraging residents to safely dispose of pharmaceuticals. Unwanted medications can now be disposed of at multiple locations in Macomb County - [find a drop off location here](#).

Hearing and Vision Otology Clinics



In an effort to promptly identify undiagnosed hearing problems, the Hearing and Vision Program goes above and beyond the minimum guidelines and offers Otology Clinics to any Macomb County resident, 3 to 18 years old, free of charge. In 2018, Macomb County was one of eight counties across Michigan that offered Otology Clinics. Out of 43 clinics across the state, Macomb County hosted 13 clinics and saw a total of 191 referred children.



The Program partners with contracted Otologists (ENT physicians), Audiologists, Michigan Department of Health and Human Services Children's Special Health Care Services (CSHCS), Macomb Intermediate School District, and Head Start to provide high-quality, reputable services to all children in need. CSHCS pays compensation for both the Otologists and the Audiologists who devote their time to work at these clinics for MCHD. At the clinic, children are first seen by the Otologist who has special training in how to diagnose and treat illnesses and injuries related to the ears. Should the ear look normal, children are then given a hearing test by the Audiologist, a specialist who can detect hearing issues. This can be the determining factor of succeeding in a child's life.



WIC Baby Carrier Program (BCP)

In 2018 the MCHD WIC Program became the first WIC agency in Michigan to pilot the distribution of free baby carriers to WIC participants to encourage baby-wearing as a parenting tool. Clients with babies under one year old were eligible to get the carrier with the purpose to improve breastfeeding rates. Breastfeeding peer counselors were specially trained to demonstrate and teach the safe use of infant carriers to caregivers as a public health tool, aimed at addressing breastfeeding rates, child neglect and abuse prevention, accident and incident prevention, and infant and caregiver mental, physical, and emotional health.

More information about the BCP program can be found at:
<https://www.babycarriersprovided.org/>



Contact Us

The Macomb County Health Department has 6 service locations. Not all programs and services are available at all locations. Please call 586-469-5235 or visit our website at health.macombgov.org for up-to-date information.

Central Health Center

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

Medical Examiner's Office

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

Southeast Family Resource Center

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

Southwest Health Center

27690 Van Dyke, Suite B
Warren, MI 48093
586-469-8090

Thompson Family Resource Center

11370 Hupp Avenue
Warren, MI 48089
586-469-5471

VerKuilen Building - WIC

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



@PublicHealthMacomb



@MCHDHealth



Health
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