

Macomb County
Health Department

Annual Report 2017



Letter from the Director

Greetings Macomb County Residents, Elected Officials, Colleagues and Visitors:

On behalf of the Macomb County Health Department, we are proud to share our 2017 Annual Report. 2017 was a very active and productive year for the programs and staff of the Macomb County Health Department (MCHD). In April, the Department received Accreditation with Commendation following the State Local Public Health Accreditation on-site reviews. This recognition verified the quality of our programs, and the hard work and excellent customer service that all of our employees provide each and every day. Every program in the Department fully met all indicators required for Accreditation.

Our Family Health Services Division launched the Nurse Family Partnership Program (NFP) from our space at the Thompson Family Resource Center in Warren. NFP is an evidence based home visiting program for at risk first time moms that is designed to promote healthy pregnancies and to help improve the social and economic well-being of the entire family. We hired and trained three new Public Health Nurses to support new mothers and their beautiful newborns.

In July, MCHD celebrated 70 years of providing quality, efficient, and exemplary public health services to all those who live, learn, work and play in Macomb County. Staff attended a breakfast meeting that highlighted MCHD services, recognized previous Health Officers, and showcased the impact and community benefits provided by the many individuals that have worked at the Health Department throughout our 70 years.

During 2017 we continued to address the challenge presented by the Hepatitis A outbreak in Michigan that significantly impacted our county. Staff from all areas of the department worked tirelessly to combat this unprecedented viral outbreak by providing hundreds of vaccines in the community, investigating almost 200 cases, and conducting numerous community outreach and education activities. Also, in 2017, we began work on our Community Health Improvement Plan with more than 30 community partners to help improve the health and well-being of Macomb County communities.



WIC program with their 70th Anniversary winning entry in the Spirit Contest.

Finally, establishing and addressing public health priorities requires strong community collaboration, therefore, we are extremely grateful to the many organizations and individuals that support our work. As always, if you have ideas or suggestions to strengthen the public health system in Macomb County please reach out to us as we are committed to our mission of protecting and promoting the health and well-being of all those who live, learn, work and play in Macomb County.

Healthy people in healthy communities.

**Best in health,
William Ridella**
Director and Health Officer



Community Health Planning & Promotion



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

11,404



Individuals who attended wellness or injury prevention presentations hosted by health educators and public health nutritionists.

1,049

Children who received a capillary lead screening through a partnership in our WIC offices.



350

Car seats inspected by certified child passenger safety technicians. More than 75% of car seats were incorrectly installed upon arrival. 100% left safer than they arrived.

13



Otology clinics hosted by MCHD for children who were referred to an Otologist for additional followup after hearing screenings.

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



1,216

Breastfeeding consultations provided by WIC staff.

22,731



Women, infants and children screened and enrolled in WIC.

657

Plans of Care completed by Children's Special Health Care Services for clients.



104,207

Hearing and vision screenings conducted by hearing and vision technicians.

Disease Control



Disease Control Division works to reduce the occurrence and impact of communicable disease on residents of Macomb County through surveillance, investigation, education and testing.

6,684

Communicable disease surveillance investigations.



In 2017, the Communicable disease Surveillance Program worked on a special project titled "Enhanced Hepatitis C Surveillance and Prevention" to gain more epidemiological information about hepatitis in the community to improve prevention efforts.

This project won a National Association of Counties (NACo) 2017 Achievement award in the health category and received the designation of 100 Brilliant Ideas at Work.

1,578

HIV counseling and testing clients served.



134

Tuberculosis control clients evaluated.



2,038

Sexually transmitted diseases clients served.



1,751

School immunization waivers certified. Macomb County had a 4.1% waiver rate in 2017. Down from a high of 5.7% in 2014.



Environmental Health Services



Environmental Health Services works to assure a safe and healthy environment to all those who live, work or play in Macomb County.

6,261



Inspections conducted by Food Program. Staff investigated 8 foodborne outbreaks, the highest since 2013.

146

Applications submitted to Plan Review for food facilities, an increase of 26% from 2015.



360

Parcels were evaluated for septic fields and Environmentalists issued 333 permits for onsite septic systems.

150



Water well permits issued and 80 final inspections conducted.

- Bathing Beach and Surface Water Quality
- Environmental Management & Risk Assessment
- Food Service Sanitation
- Ground Water Protection and Waste Management



567

Inspections conducted during and after construction of onsite septic systems

Emergency Preparedness

In 2017, MCHD was recognized with the State Health Department Jean Chabot Health Policy Champion as the first health department in Southeast Michigan to be Nationally Accredited in Emergency Preparedness through NACCHO.



1,078

5th grade students received youth preparedness presentations in 44 classrooms, covering 19 different schools.



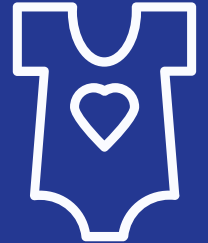
Family Health Services



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

962

Home visits to pregnant women and families of infants and young children to promote healthy pregnancy babies and families.



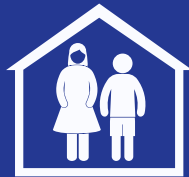
2,748

Clinic visits to 1,408 unique Family Planning Services clients.



454

Parents and caregivers received infant safety education at one of 13 Infant Safety Expos.



Launched the Nurse Family Partnership in 2017. An evidence based program helping first time moms transform their lives.

973



Residents received assistance with their Medicaid applications.

19,679



Vaccines provided including 9,954 given to adults and an additional 9,725 provided to children at our immunization clinics.



Medical Examiner

Medical Examiner's (ME) office is charged with investigating deaths due to violence, accidents and those not attended by a physician. The ME office also determines whether or not autopsies should be conducted.

380

Drug-related deaths in Macomb County, an all time high.



Abuse of prescription medications along with heroin and fentanyl/fentanyl-analogs continue to be major concerns in Macomb County.

199

Fentanyl-related deaths (fentanyl alone or in combination) that occurred in 2017. An increase of 38% from 2016.



2,720

Death investigations performed by the Medical Examiner Office. An increase of 4.1% from 2016.

4,276

Cremation permits issued, an increase of 5.2% from 2016.

66.3%

increase in the number of accidental deaths by falls.



The number of accidental vehicular deaths increased by

33.3%



Emerging Issue: Hepatitis A

In 2017, reported cases of the hepatitis A virus increased dramatically and Macomb County was one of several Southeast Michigan counties impacted by the hepatitis A outbreak. There were 194 confirmed cases in Macomb County in 2017. Typically, Macomb County has 5-10 cases of hepatitis A in a year. Of the cases in 2017, approximately 80% were hospitalized.



80% of hepatitis A cases in 2017 required hospitalization.

MCHD has been working diligently to be proactive in fighting this outbreak in 2017 and into 2018. Efforts to curb the outbreak have been implemented across all divisions. Below are a few of the efforts that MCHD teams have done county wide.

- ◆10,000 hand washing flyers have been printed and have been distributed to establishments in the at-risk areas (Roseville, Eastpointe, Warren, and along the Gratiot and Groesbeck corridors).
- ◆Vaccine provided through a mix of community outreach clinics as well as special clinic hours during the day and evening hours at our 3 immunization clinics.
- ◆Over 40 Health Department staffed vaccine outreach clinics have been conducted to date with the at risk population (substance abuse, homeless, MSM, incarcerated).
- ◆Hepatitis A information has been provided at the Basic Food Safety class conducted at the Health Department. Food handlers are encouraged to attend this class.
- ◆More than 5,000 hepatitis A brochures have been distributed and another 110 hepatitis A bus ads are in circulation throughout southeast Michigan.



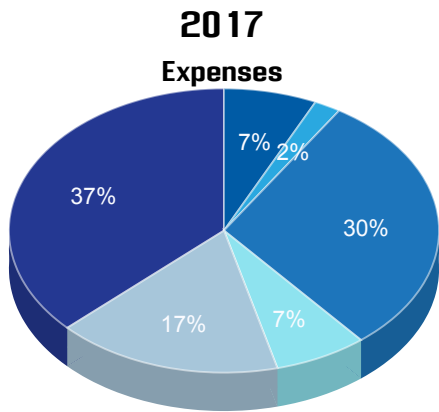
Emerging Issue: Opioids

In 2017, there were 380 drug related deaths in Macomb County. This is the 5th year in a row with an increase in drug related deaths. Of particular concern is the explosion in fentanyl or fentanyl-analog related drug deaths, as this reached an all time high of 199. As this epidemic continues to unfold across Macomb County, Michigan, and the United States, the Department is working with local partners, including Operation RX to address the epidemic. The Department received a grant from the Michigan Department of Health and Human Services to develop and launch a county wide drug surveillance system. This system will track drug related hospitalizations and deaths and will be used to target interventions and resources in the community.

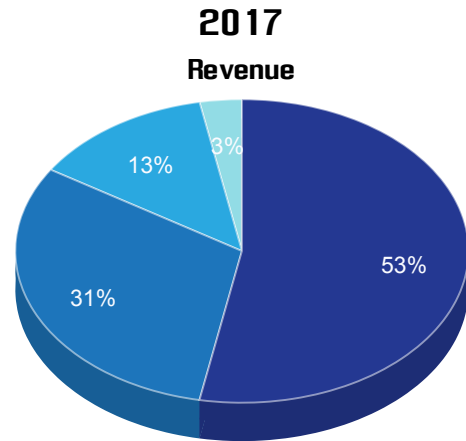


Finance/Contact Us

In 2017 Macomb County Health Department operated on a total budget of \$26,857,053 (revenue and expenses.) Revenue is a combination of county, local, state and federal dollars as well as service fees and billings collected for specific services.



- Administration 7%
- EP 2%
- HP/DC 30%
- ME Office 7%
- EH 17%
- FHS 37%



- County/Local 53%
- State/Federal 31%
- Service Fees/Billing 13%
- Other 3%

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