



# Macomb County Health Department

2014 Annual Report

## Message from the Director/Health Officer



2014 was a year of change, challenge and commitment for the department. We challenged ourselves to recreate our mission statement through a strategic planning process that resulted in strengthening our department and reinvigorating our staff, programs, and services. Our new Mission and Vision statements reflect our continued commitment to be more effective and efficient in assuring optimal conditions for health. The Michigan Local Public Health Accreditation Commission's recognition for achieving Accreditation with Commendation and the National Association of Medical Examiners' designation as an accredited Medical Examiner's Office were the ultimate demonstration of our staff's commitment to excellence.

### Table of Contents

Message from the Director	1
Vision/Mission/Accreditation/Awards	2
Health Department Services	3
Health Promotion/Disease Control	4-5
Family Health Services	6
Emergency Preparedness Program	7
Environmental Health Services	8
Medical Examiner's Office	9
Finance	10
Leadership Team	11
Health Department Locations	12

In this year's annual report, we are sharing some highlights of the department's activities, which are enhanced by the support of our community partners. As always, we appreciate opportunities to collaborate with our community partners as we address mutual challenges and develop innovative strategies to improve public health.

With sincere thanks to our devoted staff and to the dedicated support of our County Executive, Mark Hackel, and Department of Health and Community Services Director, Steven Gold, we will continue to move forward with assuring healthy conditions for all who live, work and play in Macomb County.



**William J. Ridella**  
Director/Health Officer



# Vision / Mission



**Our Vision: Healthy people in healthy communities.**

**Our 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.**

# Accreditations/Awards



The Michigan Local Public Health Accreditation Program assures the quality of local public health in Michigan; and it has recognized the Macomb County Health Department for exhibiting exceptional standards of quality public health functions.

During the 2014 site review, the Macomb County Health Department met and exceeded all criteria for continued accreditation status, and received Accreditation with Commendation.

In recognition of the activities of the Macomb County Health Department - Medical Reserve Corp, The National Association of Counties (NACo) awarded Macomb County Health Department-Medical Reserve Corp (MCHD-MRC) with a 2014 Achievement Award for its program titled Volunteer Medical Reserve Corp Ready to Serve in a Public Health Emergency in the category of Volunteers. Due to its exceptional results and unique innovations, MCHD-MRC received the honor of Best of Category! MCHD-MRC has been a crucial initiative to promote community resiliency in Macomb County.



# Health Department Services



## Health Promotion/Disease Control Division

- Children's Special Health Care Services
- Hearing and Vision Screening
- School Immunization
- Communicable Disease
- Surveillance and Investigation  
Tuberculosis Control
- HIV Counseling and Testing
- Sexually Transmitted Disease Clinic

## Family Health Services Division

- Dental Clinic
- Family Planning
- Immunizations
- MI-Child/Healthy Kids/Prenatal Care  
Health Insurance
- Public Health Nursing Services
- Women, Infants & Children Supplemental  
Nutrition Program (WIC Program)

## Environmental Health Division

- Inspection of Pools and Campgrounds
- Food Service Sanitation Program
- Shelter Management (Group Care  
Facilities and Day Care Centers)
- Onsite Waste Water Disposal and  
Drinking Water Supply Management
- Surface and Recreational Water  
Quality Management
- Household Hazardous Waste  
Collection and Disposal
- Emergency Management & Risk  
Assessment (EMRAP)
- Body Art Establishment Regulation

## Emergency Preparedness Program

- Macomb County Health Department  
Medical Reserve Corps
- Public Health Emergency Planning

## Office of the Medical Examiner

- Death Investigations
- Forensic Examinations
- Cremation Permits

# Health Promotion/Disease Control

The goal of the Health Promotion/Disease Control (HP/DC) Division is to reduce the occurrence and impact of communicable and chronic non-communicable disease on residents of Macomb County.



## The MCHD Children's Special Health Care Services (CSHCS) program

The program reaches out to over 2,300 individuals (children and some adults) with special health care needs. MCHD CSHCS strives to improve healthcare outcomes and an enhanced quality of life for over 2,700 different diagnoses. Through restructuring of program activities, the program increased the number of services delivered from approximately 2,000 to 4,000. The program works collaboratively with Michigan Health Plans (MHP) to service mutual clients by providing the MHPs with Care Plans, perspectives from Home Visits (which is one of the services CSHCS Nurses provide). The CSHCS staff provides clients and families with a myriad of community resources that will assist them in day-to-day needs of their children and families.

## Child Passenger Safety Program

Protecting children on the road: Car crashes are the number one cause of injury and death to children ages 1-14. The Health Department has certified child passenger safety technicians on staff to inspect car seat installations and help caregivers learn how to properly transport their children in vehicles. In 2014, 334 car seats were inspected by Health Department technicians. The results revealed that nearly 80% of the car seats were being misused.

Utilizing one-on-one education and skill demonstrations with caregivers during car seat inspections, 100% of the car seats left the inspection station correctly installed. Thousands of car seats have been inspected by Health Department technicians, reducing the chances of injury to children in motor vehicle crashes in thousands of Macomb County families.



# Health Promotion/Disease Control

2014 SERVICE ACTIVITIES	
<b>Health Promotion Services</b>	
Educational presentations	626
School presentations - participants	11,442
Community presentations - participants	4,743
Car seat inspections	334
School-aged hearing screenings	29,211
School-aged vision screenings	50,779
Preschool hearing screenings	7,359
Preschool vision screenings	7,348
<b>Children's Special Health Care Services</b>	
Total care coordination services	3,367
<b>Disease Control Services</b>	
STD clinic attendance	2,057
HIV counseling and testing	1,024
Clients - active TB infection	10
New LTBI clients starting treatment	43
Home and office visits for TB	909
Communicable disease investigations	2,381
Parental immunization waiver's received	3,079



Approximately 150,000 children are served by Department staff who review the immunization status of children that attend about 600 schools/childcare centers in the County, and work in conjunction with them to meet the state mandated immunization reporting requirements. Our staff also investigate communicable diseases reported. In the event of a vaccine-preventable outbreak, staff promptly implements disease control measures to protect children by collaborating with the school to help parents understand the outbreak and quickly identify and exclude children who were not completely vaccinated.



The Macomb County Health Department promotes National Public Health Week by partnering with Nino Salvaggio's to offer nutritious cooking demonstrations and healthy food samples to store visitors.

Two new programs in 2014 included Eating Smart for a Healthy Weight and Heart and Pantry Education. The Eating Smart program is an eight-session course that is designed to convey science-based, behavior focused and motivational messages about healthy eating to promote weight loss, increased physical activity, and decrease risk of chronic disease. Pantry Education involves teaching food pantry clients skills needed to make healthier food choices. This includes presentations, cooking demonstrations, nutrition education hand-outs, and healthy recipes.



# Family Health Services

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

2014 SERVICE ACTIVITIES	
<b>Dental Clinic</b>	
Clients served	2,129
Services provided	7,092
<b>Family Planning</b>	
Clients served	3,826
<b>Immunizations</b>	
Children receiving vaccines	11,798
Adults receiving vaccines	11,752
Flu doses administered	12,510
<b>Maternal and Child Health</b>	
Home visits provided	868
Women enrolled in health insurance-	341
Children enrolled in health insurance	490
<b>WIC</b>	
Clients enrollment	23,180

## WIC Program

The Health Department Women, Infant & Children Supplemental Nutrition (WIC) Program has been increasingly committed to providing breastfeeding support to Macomb County families. Since 2010, the Macomb County Health Department WIC Program has enhanced services with the establishment of the Breastfeeding Peer Counseling program that includes peer counselors, a Certified Lactation Counselor (IBCLC), and plans to add a Lactation Specialist in 2015. The WIC program established and chairs the Macomb County Breastfeeding Coalition, a community partnership of public and private agencies, that encourages participation from Macomb County residents. Breastfeeding classes, called "Every Ounce Counts", are encouraged for pregnant women interested in learning more about breastfeeding; over 2,300 pregnant women enrolled in WIC have attended these classes. Breastfeeding rates amongst WIC participants have increased from 10% in 2010 to 17% in 2014.



## Community Action Team

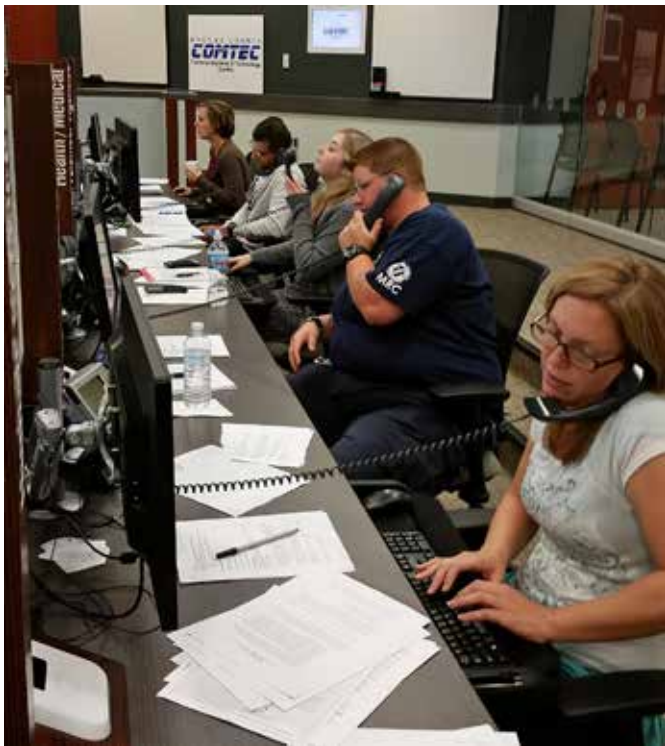
Macomb County Health Department enhanced community partnerships through coordinated efforts to promote maternal child health. Through the development of the Community Action Team (CAT) in 2012, representatives from hospitals and community agencies plan and implement strategies to respond to the needs of mothers with an overall goal of impacting the infant mortality rate in Macomb County.

The CAT reviews recommendations from the Fetal Infant Mortality Review (FIMR) team as well as Vital Statistics on pregnancy, births, and infant mortality. The group currently has 31 diverse members from 21 agencies, including local hospitals.

To educate the community on the importance of safe sleep practices for infants, 4 Infant Safety Expos were conducted with a total of 192 attendees. Participants received valuable information on keeping babies safe in the correct sleep position and proper child car seat installation. A total of 29 agencies were represented with displays and additional information on infant/child safety, pregnancy, infant care, and parenting. In addition to the CAT activities, the Maternal Child Health Program mailed educational brochures on Infant Safe Sleep to parents of every newborn in Macomb County - approximately 9,000 brochures are mailed each year.

# Emergency Preparedness Program

The Macomb County Health Department Public Health Emergency Preparedness program focuses on preparing for and responding to events that pose a substantial risk to the health of Macomb County residents. The program supports and enhances the capacity of the county to prepare for public health threats and emergencies through planning, exercising, responding and training.



## Flood Response

In August 2014, Macomb County Health Department assisted with the flood responses that occurred on August 11, 2014. MCHD staffed and helped manage the Flood Hotline that was operational for two weeks. During this time, the hotline helped over 3,000 residents fill out damage assessments that would be crucial for providing initial impact of the flooding. Approximately 700 hours of volunteer and county staff time were used to assist residents from the Southeast Michigan area. MCHD also distributed 300 flood clean up kits from their Warren and St. Clair Shores offices and answered numerous questions about flood clean up and mold prevention.



## Medical Reserve Corps (MRC)

Since the inception of the Macomb County Health Department- Medical Reserve Corp in 2011, the program has developed and expanded to over 200 volunteers who support and enhance the capacity of the county to respond to public health emergencies.

Beginning in the fall of 2014, the Emergency Preparedness Program was awarded a grant to provide emergency preparedness education to 5th grade students in Macomb County promoting community resiliency. This innovative program is made possible through a partnership with Oakland University School of Nursing. The college students work with the elementary students to help them develop a plan for emergencies as well as a preparedness kit. The goal is for students to share what they learn at home with family members. The Youth Preparedness Program has reached over 1,000 students in Macomb County.

# Environmental Health Services

The Environmental Health Division is responsible for regulation and monitoring of environmental, safety and health conditions countywide to protect and promote community health and safety.



## The Household Hazardous Waste (HHW) Program

The program continues its successful efforts to divert harmful substances from the County solid waste stream. In addition to the permanent collection facility in Mt. Clemens, several satellite collection events have been conducted in collaboration with local communities to bring this popular program closer to County residents. Approximately 221,000 pounds of HHW have been diverted for safe disposal through the HHW program in 2014.

A recent addition to the HHW Program is the expanded collection of unused/unwanted pharmaceutical and personal care products to divert these materials away from landfill disposal and contamination of drinking water supplies. This was accomplished through a Michigan Community Pollution Prevention Grant from the State of Michigan under which the Health Department has collaborated with 10 local neighborhood pharmacies to provide collection receptacles in their stores to increase utilization of this valuable service for County residents. This effort has contributed to the safe disposal of over 5,000 pounds of unused pharmaceuticals by the Health Department in 2014.



Food service inspections are done routinely to keep residents and restaurants safe.

2014 SERVICE ACTIVITIES	
<b>Food Service/Sanitation</b>	
Inspections	4,282
Plan reviews	79
<b>Public Swimming Pools</b>	
Inspections	298
<b>Point of Sale</b>	
Inspections	1,119
<b>Onsite</b>	
Septic and well permits issued	486
Household Hazardous Waste Program	3,632

## Water Monitoring Program

The Health Department continues to monitor indicator bacteria levels at swimming beaches to protect recreational users from health hazards associated with contaminated surface waters. Due to the extensive efforts of County and Municipal agencies to eliminate sources of pollution, the number of beach closures has been reduced, and notably, there has been only one long-term closure since 2011. The reduced beach closures point to the success of the previously mentioned pollution control efforts in reducing wastewater discharges to our surface waters.



# Medical Examiner's Office

The Medical Examiner's Office (ME) investigates accidental, homicidal, suicidal and sudden unexpected deaths that occur in the county. For more information on the Medical Examiner's Office, please visit their website and review their comprehensive annual report: [macombgov.org/publichealth](http://macombgov.org/publichealth).



The ME Office emerged from a reorganization that resulted in enhanced professionalism and quality of service.

In July, the ME Office was rigorously inspected and ultimately designated as an accredited office by the National Association of Medical Examiners (NAME). NAME accredited offices represent the highest quality of medicolegal death investigation system for the community. This honor is achieved by approximately 5% of Medical Examiners offices in the country.



## 2014 SERVICE ACTIVITIES

Medical Examiner's Office	
ME deaths investigated	2,338
Forensic examinations	649
Cremation permits	3,806
Home hospice deaths reported	2,136

## Other Responsibilities of the ME's Office include:

**Autopsy and Investigations:** As part of the duties of the ME's Office, autopsy and investigative reports are prepared and maintained. Work performed by the office includes death scene investigations, external examination of bodies, autopsies, and medical chart reviews conducted by forensic pathologists.

**Legal Assistance:** The ME's Office fulfills legal obligations by testifying in criminal and civil proceedings relating to the cause and manner of death.

**Public Health Emergencies:** Emergencies can take on many forms ranging from naturally occurring events, to manmade events including delivery of weapons of mass destruction. In partnership with other county services, the ME developed the Macomb County Mass Fatality Plan, that addresses mortuary surge capacity events and methods to respond and mitigate such issues.

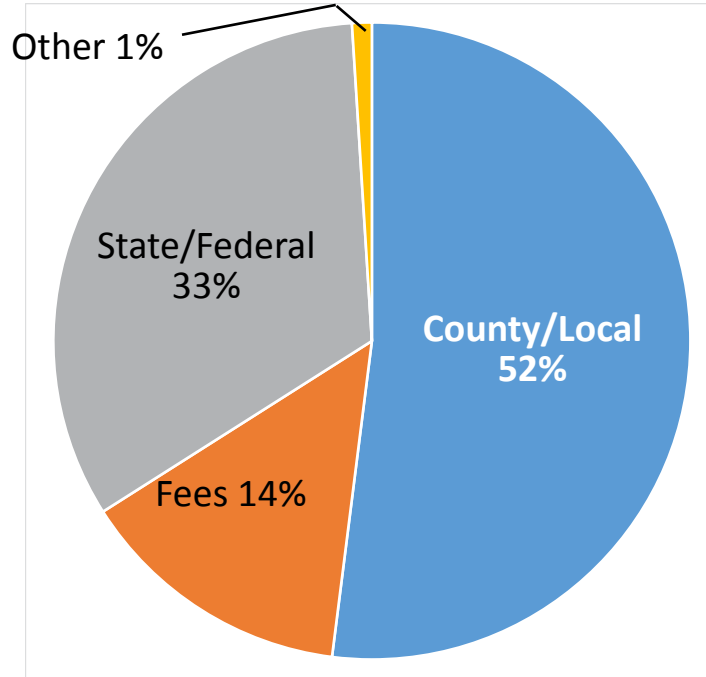
**Macomb County Child Death Review Team:** The ME's Office serves on the Macomb County Child Death Review Team (MCCDRT). The MCCDRT is composed of various countywide agencies that review and discuss comprehensive information regarding specific child death cases.

**Education:** Academic endeavors include forensic pathology lectures and presentations at Wayne State University, teaching rotations and individual autopsy observations for law enforcement personnel, nurses and medical students. The Medical Examiner's Office is also involved in community projects; drinking and driving campaigns for local high schools, and lectures for community groups and health care providers including the Macomb County drug court.

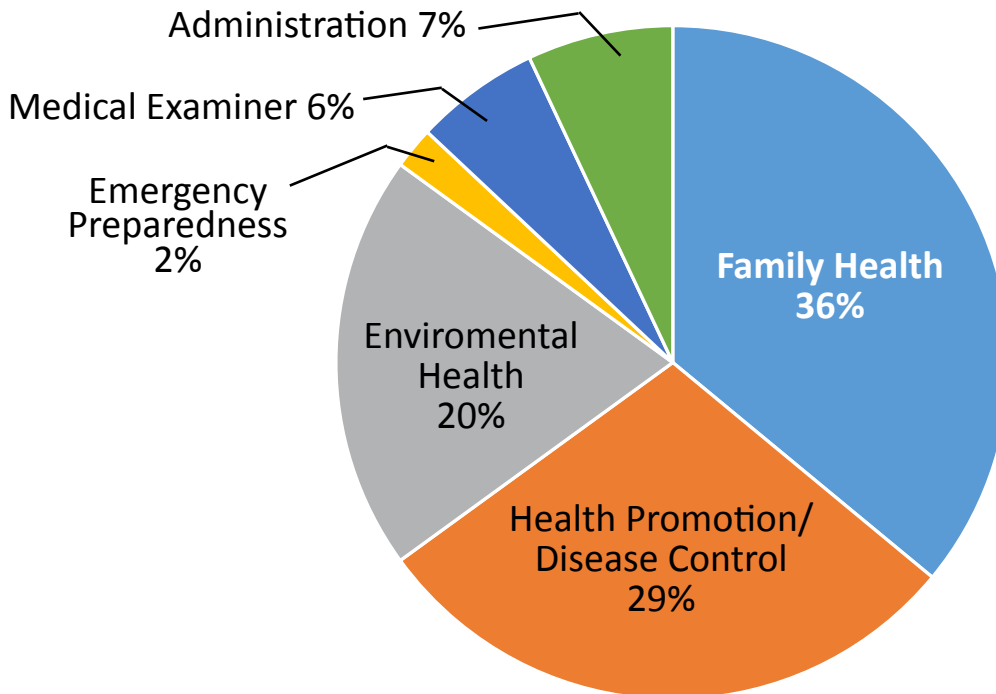
**Organ and Tissue Donation Referral:** The ME's Office continues to collaborate with local organ and tissue procurement agencies.

# Finances

**2014 Revenue by Source**  
Total Revenue \$22,681,829



**2014 Expenditures by Category**  
Total Revenue \$22,681,829





# Leadership Team



**OFFICE OF THE COUNTY EXECUTIVE**  
MACOMB COUNTY EXECUTIVE  
MARK A. HACKEL

**DEPARTMENT OF HEALTH AND  
COMMUNITY SERVICES**  
DIRECTOR  
STEVEN C. GOLD, MPH

**MACOMB COUNTY HEALTH DEPARTMENT**  
DIRECTOR/HEALTH OFFICER  
WILLIAM J. RIDELLA, MPH, MBA

**MEDICAL DIRECTOR**  
KEVIN P. LOKAR, MD, MPH

**OFFICE OF MEDICAL EXAMINER**  
CHIEF MEDICAL EXAMINER  
DANIEL SPITZ, MD

**EMERGENCY PREPAREDNESS  
PROGRAM**  
COORDINATOR  
ANDREW COX, REHS

**DEPUTY HEALTH OFFICER**  
GARY R. WHITE, RS, MS

**OFFICE OF PLANNING AND  
QUALITY ASSURANCE**  
MANAGER  
NIKI ROSS, MPH, MT(ASCP)

**ENVIRONMENTAL  
HEALTH**  
ASSOCIATE DIVISION  
DIRECTORS  
STEVE LICHOTA  
SHERRY LABELLE, MSA

**FAMILY HEALTH  
SERVICES**  
DIVISION DIRECTOR  
KRISTA WILLETTE,  
RN, MSA

**OFFICE OF  
FINANCIAL SERVICES**  
MANAGER  
PATRICK DETINE

**HEALTH PROMOTION /  
DISEASE CONTROL**  
DIVISION DIRECTOR  
JANICE CHANG,  
MBBS, MPH

- Accreditation
- Continuous Quality Improvement
- Clinical Laboratory Certification
- Health Data and Statistics

- Community Health and Safety
- Food Protection
- Shelter Management (Group Care Facilities and Day Care Centers)
- Onsite Waste Water Disposal and Drinking Water Supply Management
- Surface and Recreational Water Quality Management
- Household Hazardous Waste Collection and Disposal
- Environment Management & Risk Assessment (EMRAP)
- Body Art Regulations

- Dental Clinic
- Family Planning
- Immunizations
- Maternal Child Health Outreach
- Public Health Nursing
- Women, Infants & Children Supplemental Nutrition Program (WIC Program)

- Payroll
- Accounts Receivable
- Accounts Payable
- Insurance Billing
- State Financial Reporting
- Budget Management

- Communicable Disease
  - Surveillance and Investigation
  - Tuberculosis Control
  - School Immunization
- STD/HIV Clinic
- Counseling and Testing
- Healthy Communities
- Hearing and Vision Screening
- Children's Special Health Care Services

July 2014

# Locations



## Central Health Center

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



## Southeast Health Center

25401 Harper Ave,  
St. Clair Shores, MI 48081  
(586) 466-6800



## Southwest Health Center

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



## Thompson Community Center

11370 Hupp Road  
Warren, MI 48089  
(586) 469-5471



## VerKuijen Building WIC

21885 Dunham Road  
Clinton Twp., MI 48036  
(586) 469-5471



## Medical Examiner's Office

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

**PLEASE NOTE THAT ONLY SELECT PROGRAMS  
ARE AVAILABLE AT EACH OFFICE**

Call or check our website for specific program locations and clinic hours  
[www.macombgov.org/publichealth](http://www.macombgov.org/publichealth)