

TUSCOLA COUNTY HEALTH DEPARTMENT ANNUAL REPORT FY 2017-2018

Mustafa Mark Hamed, MD, MBA, MPH
Medical Director

Ann Hepfer, RN, BS
Health Officer



Environmental Health - Tip MacGuire, EH Director

Fiscal Division - Deb Cook, Fiscal Manager

Health Services - Kristi Villalobos, Nursing Administrator

Management Information Systems - Jon Suber, MIS Manager

Veteran Affairs - Mark Zmierski, VA Director

The Tuscola County Health Department actively strives to enhance our community's quality of life by disease prevention, health protection and healthy lifestyle promotion.

www.tchd.us

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PROGRAMS OFFERED

ABSTINENCE

CHILDREN'S SPECIAL HEALTH CARE SERVICES

COMMUNICABLE DISEASE

ENVIRONMENTAL HEALTH

FAMILY PLANNING

HEARING/VISION

IMMUNIZATIONS

MATERNAL INFANT HEALTH SERVICES

LEAD

SEXUALLY TRANSMITTED INFECTIONS/HIV

TOOTH VARNISH

TUBERCULOSIS

VETERANS AFFAIRS

WOMEN/INFANT/CHILDREN (WIC)



Health Officer's Report FY 2017/2018

Greetings,

On behalf of the Tuscola County Health Department, I am pleased to provide this report to the residents of Tuscola County. We have been providing public health services since 1966. As an accredited health department it is our privilege and honor to promote the health of everyone.

We work diligently to protect our residents and visitors from health threats, provide community education and work collectively with our community partners to ensure a comprehensive approach to the health of our community. The contents contained in this report are only a small reflection of the work being done by the employees, Board of Health and Board of Commissioners to protect, promote, and provide for health and safety.

Below is a small sample of the projects your local health department worked on over the past year.

1. We said goodbye to Dr. Russell Bush, M.D, M.P.H who retired on September 30, 2018. He was our Medical Director for over ten and a half years. On October 1, 2018 we welcomed Dr. Mark Hamed M.D., M.B.A, M.P.H. Dr. Hamed M.D. will also serve as the Medical Director for Huron, Lapeer, Sanilac, and District Health Department #2 (Alcona, Iosco, Ogemaw, and Oscoda Counties). Dr. Hamed's biggest goal in life is to improve the quality of healthcare delivery and access to healthcare for as many people as possible in a sustainable manner. He is very knowledgeable and has seen firsthand the impact the Opioid Epidemic has on our communities. He continues to work diligently to ensure that the medical field is responsive to the needs of families, and that they institute best practices of care. He continues to practice ER medicine at McKenzie Hospital in Sandusky, and for Henry Ford Hospital. We could not be happier to have such an accomplished physician on our leadership team.
2. We continue to reach across county lines to work with our neighbors through our work with the Michigan Thumb Public Health Alliance (MTPHA). The members of the Alliance include the health departments of Huron, Lapeer, and Sanilac Counties. This year's accomplishments include: 1) Finished the data assessment for our Community Health Assessment. 2) All staff continued training on Bridges Out of Poverty. 3) Discussions held in regards to sponsoring internships, we evaluated our gaps in being able to hire sanitarians and registered nurses. 4) We conducted a training inventory to see where we could share trainers for CPR, HIPPA, and Blood Borne Pathogens.
3. Unfortunately, we were not able to bring the Community Dental Center to Tuscola County to serve the Medicaid and underinsured residents. We continue pushing forward with our efforts to seek out additional partners to provide these services in our county. We do have a referral network in place and Tuscola County residents can go to the Saginaw or Sanilac Community Dental Center or the Bay Great Lakes Dental Center in Huron County.
4. This summer we completed the MDHHS accreditation and we were successful in obtaining full accreditation status. This accreditation cycle is every three years. The Michigan Local Public Health Accreditation Program seeks to assure and enhance the quality of local public health in Michigan by identifying and promoting the implementation of public health standards for local public health departments, and evaluating and accrediting local health departments on their ability to meet these standards. The program is a collaborative effort between the Michigan Public Health Institute; the Michigan Departments of Agriculture and Rural Development, Health & Human Services, and Environmental Quality; the Michigan Association for Local Public Health, and Michigan's local public health departments. The Michigan Department of Health & Human Services provides oversight and funding for the Michigan Local Public Health Accreditation Program.

I would like to thank the Tuscola County Board of Commissioners and the Board of Health for their continued commitment to the health and well-being of our residents. I would also like to thank all of our community collaborative partners, schools, hospitals, townships, physicians, mental health, nonprofit organizations, businesses, law enforcement, and restaurants who work diligently beside us to promote a healthy living environment in Tuscola County.

Sincerely,
Ann Hepfer
Health Officer

HEALTH SERVICES

The Nursing Division of the Tuscola County Health Department continues to provide a variety of services both within our office as well as throughout our community. Immunization offsite services continue to be offered in Cass City at Revive Ministries and WIC and Immunization clinics in Vassar at the Presbyterian Church. Due to the state-wide Hepatitis A outbreak we increased our Hepatitis A vaccination efforts by providing vaccinations regularly at the county jail and outreach to law enforcement and high-risk populations; we gave 444 adult and 600 children doses of Hepatitis A. We partnered with other thumb area health departments to provide consistent vaccination messaging and outreach. Another successful flu season has been completed with five day a week immunization availability as well as offsite clinic locations.

Our Communicable Disease staff continue to work with area providers and hospitals to conduct timely, detailed case investigations to limit spread of disease.

Our WIC staff have done some great outreach on Facebook, including video segments. Our Registered Dietician retired after of service at 32 years at TCHD. The breastfeeding support services offered in our WIC clinic have been very successful; we offer one-on-one, support groups, and classes. We offer lead testing to WIC clients and provide nurse case management to those with results over 4.5 mcg/dL.

Chlamydia and Gonorrhea cases have both decreased slightly from the prior year; we continue to provide community outreach and education. We utilize Alere Rapid HIV tests for client testing with same day results. Our Family Planning program participated in the Michigan Contraceptive Access Learning Collaborative and completed a Quality Improvement project on trying to increase IUD providers in Tuscola County as well as out of county access. We provide a variety of Family Planning services including contraception, pregnancy testing, and STD testing.

Personal/Preventative Health

- 156 Communicable disease completed cases
- 11 Tests for HIV/AIDS
- 143 Sexually transmitted disease cases
- 357 Unduplicated Family Planning Clients
- 453 Tuberculin skin tests
- 239 Families enrolled in Children's Special Health Care Services
- 2815 Hearing and 4776 vision screenings
- 8787 Vaccines administered
- 1573 Average monthly WIC client caseload
- 121 Families reached through Parent to Parent & Baby Court Classes.
- 291 Welcome Baby Bags distributed

Our Abstinence Program completed another successful year of reaching youth in Cass City and Millington schools. An additional 19 area youth were informed through a week-long fun and educational summer program at Camp Fowler.

Our Maternal Child Health programs provide relevant outreach, education and resources to all families in Tuscola County. Parent to Parent classes were offered to any parent or caregiver in Tuscola County. We partnered with Great Start Tuscola distributing "Welcome Baby" gift bags to parents of babies born in Tuscola County; bags included baby items and educational materials with a short face-to-face encouraging home visits. We also partnered with The Child Advocacy Center in promoting infant safe sleep and providing new pack & plays and safe sleep sacks to families with the need. In September 2018, Tuscola County Health Department was a satellite site for MDHSS' Town Hall Meeting that introduced the new Maternal Infant Health Equity Improvement Plan. This statewide effort is focused on eliminating ALL preventable maternal and infant deaths. We also continue to be a service partner for Tuscola County Baby Court receiving referrals from DHHS foster care and providing parenting classes to parents as they work toward being reunified with their children.

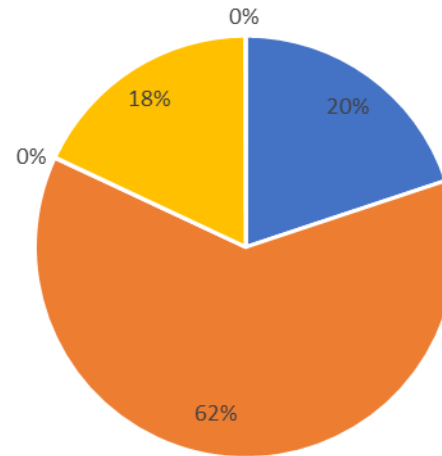
	2013/14	2014/15	2015/16	2016/17	2017/18
HIV/AIDS	0	0	0	0	0
Food Borne Illness	40	24	32	24	41
Meningitis-Aseptic*	4	1	3	0	9
Meningitis-Bacterial/other*	1	0	4	1	2
Pneumoniae Invasive	3	11	8	11	5
Cryptococcosis	1	0	2	0	0
Flu Like Illness	544	78	1057	214	2364
Guillain-Barre'	0	0	1	0	0
Kawasaki	0	0	0	0	0
Legionellosis	0	0	1	2	1
Rabies-Animal	0	0	0	0	0
Chickenpox*	6	0	3	1	4
Tuberculosis	2	1	0	1	0
Hepatitis A	1	0	1	0	0
Hepatitis B Chronic	3	8	4	6	4
Hepatitis Perinatal	0	0	0	0	0
Hepatitis B Acute	2	1	3	0	0
Hepatitis C Acute	5	0	3	3	0
Hepatitis C Unknown	0	0	0	0	0
Hepatitis C Chronic*	28	19	26	20	35
Coccidioidomycosis	0	0	0	0	0
Encephalitis	2	0	0	0	0
Hemolytic Uremic Syndrome	0	0	0	0	0
Staphylococcus Aureus Infections	0	0	0	1	0
Mumps	0	0	0	0	0
Pertussis	5	0	2	3	0
Histoplasmosis*	2	3	5	3	1
Q Fever	2	0	0	0	0
Streptococcus, Group A	4	2	0	2	4
Influenza-confirmed	28	103	83	135	194
Toxic Shock	0	0	0	0	0

Note: * Indicates that total includes confirmed and probable

Financial Overview

2017-2018

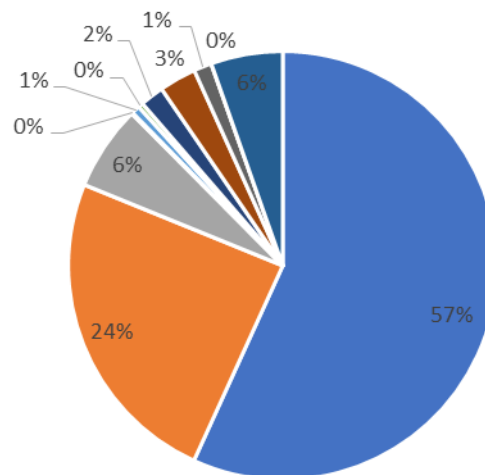
Revenue by Source



- Fees and Licenses
- Federal/State Programs
- Contributions
- County Appropriation
- Other
- County Bonds-Pension

Expenses

- Salary/Fringe Benefits
- Supplies & Materials
- Contractual
- Legal & Health Services
- Communications
- Travel
- Advertising/Insur/Equip Maint
- Co Central Service/Rent
- Other/Capital Outlay
- Pension Bonds
- Debt Service



ENVIRONMENTAL HEALTH DIVISION

Adverse environmental factors have a direct influence on humans. Impacts can be disease transmission through exposure to pathogenic organisms, or by exposure to toxins having a physiological effect on humans. Lesser environmental factors such as living conditions in a home can effect the overall well-being of the persons subjected to the given environment. As a member of the public health team, Environmental Health advocates and promotes disease prevention. Goals are met through enforcement of regulations and programs developed to not only protect public health, but to also control adverse environmental factors. Programs and regulations are grouped into categories of: Water, Shelter, Food, Waste and Community Health. The following statistics falling under these categories reflect the services provided in fiscal year 2016/2017.

FOOD: Regular inspections are conducted in all food service establishments in Tuscola County. Efforts in this program are key elements in assuring that meals consumed outside of the home are safe.

- ◆ 140 Fixed Food Service Establishments
- ◆ 372 Fixed Food Service Inspections
- ◆ 135 Temporary Food Inspections
- ◆ 6 Transitory Food Inspections
- ◆ 5 Foodborne Illness Investigations

WASTEWATER: Contact with raw or improperly treated sewage is the major method by which diseases are spread. Proper disposal and treatment of sewage is a critical aspect of protecting public health. Under State and Local Code Enforcement, this division evaluates and issues permits for the installation of all on-site sewage systems in Tuscola County.

- ◆ 112 Onsite Sewage Disposal Permits Issued
- ◆ 9 Onsite Sewage Permits (Commercial)
- ◆ 43 Operation/Maintenance Evaluations
- ◆ 225 Onsite Sewage Disposal Inspections
- ◆ 16 Onsite Sewage Inspections (Commercial)
- ◆ 7 Complaints Investigated

SURFACE/GROUNDWATER: The basics to human life and public health philosophy is the provision that a safe and adequate water supply is available to the individual and public. To this end, all wells in Tuscola County are installed under permit with well locations being reviewed, proper isolations required, final inspections conducted and water

- ◆ 141 Well Permits Issued
- ◆ 84 Well Permit Final Inspections
- ◆ 0 Complaints Investigated
- ◆ 51 Operation/Maint. Evaluations

sampling performed to determine water quality.

ENVIRONMENTAL HEALTH

(CONTINUED)

- ◆ 12 Campground Inspections
- ◆ 7 Public Swimming Pool Inspections
- ◆ 5 Solid Waste
- ◆ 18 Indoor/Outdoor Air
- ◆ 1 Ground Water Quality
- ◆ 0 Mosquito/Insect Control
- ◆ 0 Surface Water
- ◆ 29 Adult/Child Care Facility Inspections
- ◆ 1 Hazardous Waste
- ◆ 0 Animal Control
- ◆ 7 Body Art
- ◆ 1 Residential Dwellings/Lead Paint
- ◆ 2 Septage Inspections
- ◆ 2 Radon

ENVIRONMENTAL QUALITY: Additional activities important to health protection cover a range of programs such as: Shelter, Public Swimming Pools, Mobile Home Parks, Hazardous Waste, Solid Waste, Indoor and Outdoor Air, and Campgrounds.

VETERANS AFFAIRS

Mark Zmierski, Director

Ana M. Farris, Veterans Service Officer

Rachel Gangler, Assistant

The County Veterans Affairs handles federal, state, and county programs that are available to veterans, widows, and dependent children seeking assistance. Federal programs from the Department of Veterans Affairs include; compensation, pension, survivors benefits, education benefits for veteran and dependents, medical coverage, home loans, life insurance, and burial benefits. State programs include; Michigan Veteran Trust Fund, employment, education benefits, nursing home care, as well as other benefits. County level programs include; Veterans Relief Fund/Soldier Sailor Relief Fund (SSRF), burial benefits, Tuscola County Veterans Affairs Office, food banks, transition housing, and other agencies such as Department of Health & Human Services and Human Development Commission.

Statistics – FY 2017/2018

<u>Office:</u>	
Office Visits	1,527
Home Visits	15
Claims Submitted	819
<u>DAV Van:</u>	
Veterans Transported	399
Miles Logged (Volunteer)	39,462
Hours Logged (Volunteer)	1,784

<u>Assistance:</u>	
MVTF – Applications	1
MVTF – Granted	\$0.00
SSRF – Applications	54
SSRF – Granted	\$16,476.91
Burial – Applications	65
Burial—Granted	\$10,500.00
<u>Social Media</u>	
Audience	574
Promotional Reach	16,060

Department of Veterans Affairs County Statistics FY 2016/17 vs FY 2017/18

FY 17 County Veteran Population.....	3,923	
FY 18 County Veteran Population	3,816	<u>Decrease of 107</u>
FY 17 VA Total Expenditure.....	\$30,694,000	
FY 18 VA Total Expenditure	\$32,379,000	<u>Increase of \$1,685,000</u>
FY 17 VA Compensation & Pension	\$16,459,000	
FY 18 VA Compensation & Pension	\$17,168,000	<u>Increase of \$709,000</u>
FY 17 Vets Enrolled in VA Medical	1,226	
FY 18 Vets Enrolled in VA Medical	1,308	<u>Increase of 82</u>
FY 17 Insurance & Indemnities	\$275,000	
FY 18 Insurance & Indemnities	\$181,000	<u>Decrease of \$94,000</u>
FY 17 Medical Care.....	\$12,924,000	
FY 18 Medical Care.....	\$14,402,000	<u>Increase of \$1,478,000</u>