

TUSCOLA COUNTY HEALTH DEPARTMENT ANNUAL REPORT FY 2018-2019

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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

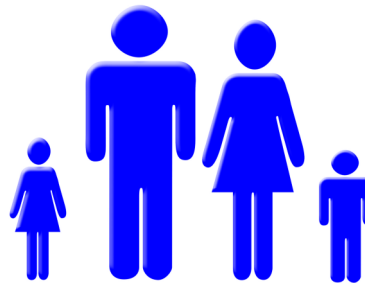
SEXUALLY TRANSMITTED INFECTIONS/HIV

TOOTH VARNISH

TUBERCULOSIS

VETERAN AFFAIRS

WOMEN/INFANT/CHILDREN (WIC)



Health Officer's Report FY 2018/2019

Greetings,

Public Health is the science and art of preventing disease, prolonging life and promoting human health through organized efforts and informed choices of society, organizations, public and private, communities and individuals. Public Health duties include ensuring health equity, research, evaluation, and data to assure availability of resources for those populations most at need. Public Health does not work in a silo, we work together with our community partners to best achieve our goals for a healthier community.

Highlights over the past year:

We continue to work with the MI Thumb Public Health Alliance. This is a cross jurisdictional project shared with Huron, Sanilac, Lapeer and Tuscola. The goal is to collaborate on projects, reduce costs by looking for areas where we can reduce duplication of efforts.

One of the items we completed this past year was our Community Health Assessment and our Community Health Profile. Working together and pooling our resources we developed a comprehensive plan for all four counties. You can find this document at <https://www.mithumbpha.org/documents> . We secured a \$100,000 HRSA Network Planning grant. The purpose of the grant is to explore the feasibility of expanding our Alliance to include partners from all of the local hospitals, Mental Health, Human Development Commission and the four health departments. We have been working with the Thumb Rural Health Network on Opioid reduction planning. This is also a collaborative project between the four counties. The goal is that the plan will meet the necessary requirements to apply for additional funding that would be used to implement the plan to reduce opioid and other substance abuse use in the four counties.

Tuscola County Health Department secured funding to lead the Perinatal Health Quality Assurance Collaborative for Region 6. The counties involved in this project are Huron, Sanilac, Lapeer, Tuscola, St. Clair, Shiawassee and Genesee. The goal is zero preventable deaths and zero health disparities. There are many community partners in this project those include parents, grandparents, Medicaid Health Plans, all the health departments, several other community-based organizations from around the region. For more information you can visit https://www.michigan.gov/mdhhs/0,5885,7-339-71550_96967---,00.html.

The mission of TCHD actively strives to enhance our community's quality of life by disease prevention, health protection and healthy lifestyle promotion. We hope this report provides you with some insight into how we are meeting our mission and vision for our community. Please take a moment and check out our website at www.tchd.us or the Alliance website at <https://www.mithumbpha.org>.

Sincerely,

Ann Hepfer
Health Officer
Huron and Tuscola Counties

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 for the general public as well as a clinic designated for the Amish. WIC and Immunization clinics are also in Vassar at the Presbyterian Church two to three times per month. We have continued our Hepatitis A education and vaccination efforts throughout the community. 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 investigation to limit spread of disease. We also continue to partner with the area schools on weekly school reports to keep us abreast of any potential outbreak situation within a school. Upon the retirement of our Emergency Preparedness Coordinator (EPC) we transitioned to a shared position with the EPC of Huron County.

Our **WIC** staff have done some great outreach on Facebook, including video segments and cooking demonstrations. The breastfeeding support services offered in our WIC clinic have been very successful; we offer one-on-one, support groups, and classes. We had a 52.9% Project Fresh coupon redemption rate which was an increase from the 48% the previous year. We offer lead testing to WIC clients and provide nurse case management to those with results over 4.5 mcg/dL.

We provide a variety of **Family Planning** services including contraception, pregnancy testing, and STD testing. We have maintained about 3% male participation in the last two years. 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.

Children's Special Health Care Services (CSHCS) staff provide case management and community resources to participating clients/ families. Examples include access to durable medical equipment, transportation and lodging needs, assistance with resolution of billing issues and information on upcoming events, camps and workshops. We did welcome a new nurse to CSHCS due to a retirement of our former CSHCS nurse.

Our **Abstinence Program** completed another successful year of reaching youth in Cass City and Millington schools. This is the first year that the program implemented a Service-Learning component. Students planned and participated in community service projects that taught them the fundamental concepts of giving and collaboration.

In our **Maternal Child Health programs**, we continue to strengthen our outreach efforts, build upon best practices and provide relevant evidence-based education and resources to families in Tuscola County.

Our **Maternal Infant Health program** provides both home and office visits to Medicaid eligible pregnant women and infants through a team approach utilizing a nurse, social worker & dietician. Our MIHP team was unique, in the fact that we had worked together for over 20 years, but due to retirement, we had to develop a new MIHP team which has been well received by the clients we serve and our collaborating partners.

Personal/Preventative Health

- 364Communicable disease completed cases
- 20Tests for HIV/AIDS
- 139Sexually transmitted disease cases
- 334Unduplicated Family Planning Clients
- 426Tuberculin skin tests
- 229Avg. monthly enrollment in Children's Special Health Care Services
- 2815Hearing screenings
- 4636Vision screenings
- 8597 Vaccines administered
- 1329Average monthly WIC client caseload
- 92Maternal Infant Health Program Enrollments
- 579Maternal Infant Health Program professional visits conducted
- 130Attended Parent to Parent Classes
- 199Welcome Baby Bags distributed

HEALTH SERVICES

(CONTINUED)

After conducting 3 focus groups, our traditional Parent to Parent curriculum was expanded into “2-part series” classes as a way to provide extra time for hands on experiences. We also partnered with MSU Extension & Early Head Start to offer a new 3 class series, *Today's Mom*, focusing on pregnancy nutrition, child birth education, getting ready for a new baby and postpartum care.

We continue to collaborate with Great Start Tuscola distributing Welcome Baby bags to parents of babies born in Tuscola County to provide education on available resources for children & families.

Through our relationship with the Child Advocacy Center and our local Child Abuse & Neglect prevention council we provide community wide infant safe sleep education and new pack & plays, crib sheets & sleep sacks to under resourced families.

Tuscola County Health Department became the leadership team for the Region 6 Perinatal Quality Collaborative focusing on the statewide effort of eliminating all preventable maternal & infant deaths through the Maternal Infant Health & Equity Improvement Plan. Through this collaborative, we have partnered with Great Lakes Bay Women's Care OB clinic in Bay City to offer universal substance use & emotional health screening to pregnant women to assist them in making positive choices toward a healthy pregnancy with better birth outcomes.

As a MI Bridges Navigation Partner, TCHD has provided application assistance services for individuals and families needing health insurance and other benefit/assistance programs. Our Medicaid outreach efforts include assisting individuals with access to care and linkage to resources; we help them locate medical, dental and mental health service providers. Our community outreach efforts include informing current Medicaid recipients of the benefits they are eligible to receive, such as transportation services. Our outreach staff has created flyers and printed materials that are distributed throughout the county educating and promoting MI Bridges, Navigation assistance and Medicaid services.

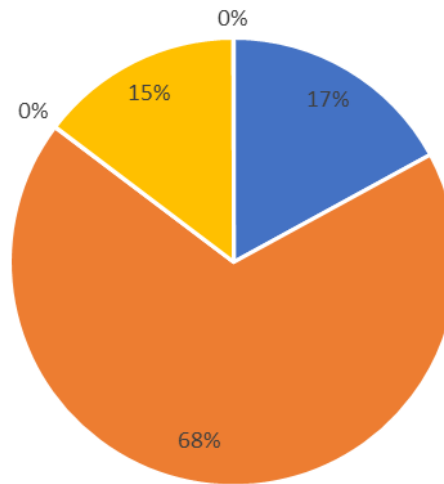
HEALTH SERVICES - (CONTINUED)

	2014/15	2015/16	2016/17	2017/18	2018/19
HIV/AIDS	0	0	0	0	2
Food Borne Illness	24	32	24	41	29
Meningitis-Aseptic*	1	3	0	9	2
Meningitis-Bacterial/other*	0	4	1	2	0
Pneumoniae Invasive	11	8	11	5	9
Cryptococcosis	0	2	0	0	0
Flu Like Illness	78	1057	214	2364	1685
Guillain-Barre'	0	1	0	0	0
Kawasaki	0	0	0	0	0
Legionellosis	0	1	2	1	5
Rabies-Animal	0	0	0	0	1
Chickenpox*	0	3	1	4	3
Tuberculosis	1	0	1	0	0
Hepatitis A	0	1	0	0	1
Hepatitis B Chronic	8	4	6	4	2
Hepatitis Perinatal	0	0	0	0	0
Hepatitis B Acute	1	3	0	0	0
Hepatitis C Acute	0	3	3	0	1
Hepatitis C Unknown	0	0	0	0	0
Hepatitis C Chronic*	19	26	20	35	13
Coccidioidomycosis	0	0	0	0	1
Encephalitis	0	0	0	0	0
Hemolytic Uremic Syndrome	0	0	0	0	0
Staphylococcus Aureus Infections	0	0	1	0	0
Mumps	0	0	0	0	0
Pertussis	0	2	3	0	4
Histoplasmosis*	3	5	3	1	0
Q Fever	0	0	0	0	0
Streptococcus, Group A	2	0	2	4	2
Influenza-confirmed	103	83	135	194	69
Toxic Shock	0	0	0	0	0

Note: * Indicates that total includes confirmed and probable

Financial Overview

2018-2019

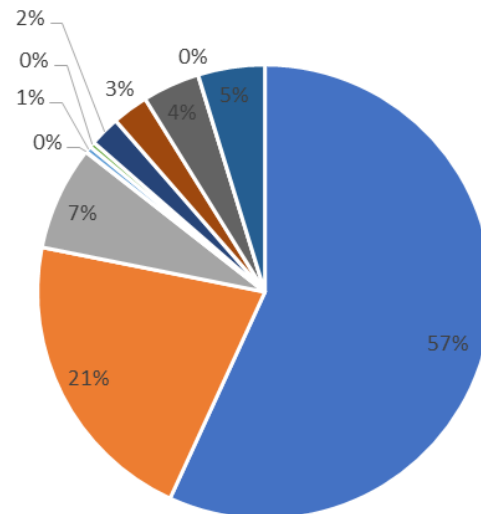


Revenue by Source

- 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 2017/2018.

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.

- ◆ 134 Fixed Food Service Establishments
- ◆ 13 Transitory Food Inspections
- ◆ 321 Fixed Food Service Inspections
- ◆ 0 Foodborne Illness Investigations
- ◆ 115 Temporary Food Inspections

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.

- ◆ 146 Onsite Sewage Disposal Permits Issued
- ◆ 248 Onsite Sewage Disposal Inspections
- ◆ 9 Onsite Sewage Permits (Commercial)
- ◆ 17 Onsite Sewage Inspections (Commercial)
- ◆ 40 Operation/Maintenance Evaluations
- ◆ 18 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 sampling performed to determine water quality.

- ◆ 124 Well Permits Issued
- ◆ 2 Complaints Investigated
- ◆ 102 Well Permit Final Inspections
- ◆ 40 Operation/Maint. Evaluations

ENVIRONMENTAL HEALTH

(CONTINUED)

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

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 2018/2019

<u>Office:</u>	
Office Visits	1,346
Home Visits	15
Claims Submitted	1,042
<u>DAV Van:</u>	
Veterans Transported	328
Miles Logged (Volunteer)	34,534
Hours Logged (Volunteer)	1,500

<u>Assistance:</u>	
MVTF – Applications	0
MVTF – Granted	\$0.00
SSRF – Applications	55
SSRF – Granted	\$12,580.29
Burial – Applications	92
Burial—Granted	\$10,500.00

Department of Veterans Affairs County Statistics FY 2017/18 vs FY 2018/19

FY 18 County Veteran Population.....	3,816	
FY 19 County Veteran Population	3,710	Decrease of 106
FY 18 VA Total Expenditure.....	\$32,379,000	
FY 19 VA Total Expenditure	\$35,692,000	Increase of \$3,313,000
FY 18 VA Compensation & Pension	\$17,168,000	
FY 19 VA Compensation & Pension	\$19,489,000	Increase of \$2,321,000
FY 18 Vets Enrolled in VA Medical	1,308	
FY 19 Vets Enrolled in VA Medical	1,357	Increase of 49
FY 18 Insurance & Indemnities	\$181,000	
FY 19 Insurance & Indemnities	\$181,000	Same as 2018
FY 18 Medical Care.....	\$14,402,000	
FY 19 Medical Care.....	\$15,422,000	Increase of \$1,020,000