

Marquette County Health Department

2017 Annual Report



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Marquette County Health Department Annual Report to the Honorable County Board of Supervisors

The following is a report of significant achievements of the Marquette County Health Department from January 1, 2017 through December 31, 2017.

Public Health does not exist without partners, collaborations, supporters, and most importantly, the community. Thanks to all who have, and continue to support the Marquette County Health Department.

Board of Health

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David Krentz

Jon Sheller

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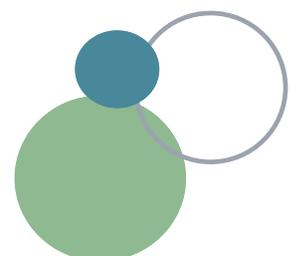
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Introduction

Each year, the Health Department focuses their efforts on programs and opportunities that help us better serve our communities. This may mean maintaining the programs that are proven necessary, and sometimes, expanding our offerings.

At the end of 2017, our regional CHIP was completed and approved by our board. In 2018 we will begin working towards the priorities identified during our public meeting, resident surveys, and Community Health Assessment.

As you read through this report, you will find that the body of each program page includes three sections:

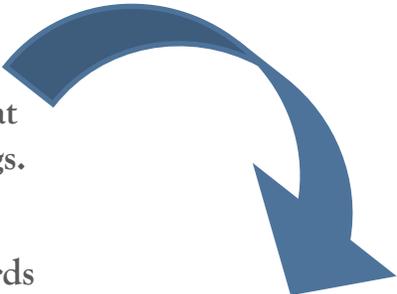
Service, Need and Funding

- Service- This section contains a description of the service provided, including activities, staffing, and the specific population served.
- Need- Addresses the need for the service both locally and beyond. This section may also define specific health concerns we strive to improve or the benefits to providing the program.
- Funding- Our programs are funded through many different sources. These may include grants, fee-for-service, or government sources like Federal, State, and County tax levy.

After reading our 2017 Annual Report, I hope you see the impact our programs continue to have, and appreciate the hard work and dedication of this Health Department staff. This work would not be possible without their commitment and enthusiasm.

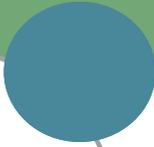
Enjoy!

Jayne Sopha, RS
Director - Health Officer



For quick reference to the work completed by the program, look to the sidebar for statistics related to clients served and the services provided during 2017.

***This section also introduces new programs and opportunities! ***



On each page, this section highlights the State Health Plan, Healthiest Wisconsin 2020 objective addressed by the program.

Disease Prevention and Control

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Communicable Disease

Service

Marquette County Health Department is mandated under Wisconsin Statute Chapter 252.05 and Administrative Rule Chapter DHS 145 to provide Communicable Disease Prevention and Control Services. This includes conducting an investigation, education, sampling, and assistance with therapies for reportable diseases. When appropriate, monitoring of institutions such as schools, nursing homes, and work environments are provided; and education about the disease cause, treatment, and prevention are given. Illnesses commonly addressed include Hepatitis C, Pertussis, Sexually-Transmitted Infections (STI's), Lyme Disease, and Norovirus.

Need

The Health Department must maintain a workforce trained to respond to communicable diseases as they are revealed in our communities. These efforts effectively reduce the presence of illness in the community by identifying cases and providing detailed education on the source and communicability of the illness. Further efforts to identify exposed populations and alert them takes considerable resources. Responses to illnesses such as Tuberculosis and Pertussis may require extensive resources at high costs. Overall, the rate for sexually transmitted infection remains lower than the State rate; however, the rate of Chlamydia infections is high, Marquette County saw a 15.4% increase from last year. Increases like these have prompted the Health Department to begin their own reproductive health clinic in 2018.

Funding

Communicable Disease Prevention and Control has traditionally been an unfunded mandate. Currently all funds used to support this program are provided through Marquette County Tax Levy. With that said, in 2017, the state legislature voted to provide limited funding to support local Communicable Disease Response.



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Services Provided in 2017

Investigations Included:

- **3 Campylobacteriosis**
- **39 Chlamydia**
- **4 Cryptosporidiosis**
- **15 E. coli**
- **36 Hepatitis C**
- **18 Influenza-associated hospitalizations**
- **6 Pertussis**
- **Tick-borne illnesses:**
 - **4 Babesiosis**
 - **101 Lyme Disease**
 - **14 Ehrlichiosis**
- **2 Varicella**

Outbreak Investigations:

- **Mumps**
- **Norovirus**
- **Pertussis**

- **Prevent and control reportable diseases**
- **Protect residents throughout a life span from vaccine preventable disease**

Immunizations

Service

The Health Department provides vaccinations through several programs and funding sources. The vaccines are made available to prevent a number of acute and communicable diseases. The Wisconsin Immunization Program and the Vaccines for Children (VFC) program allow the Department to provide vaccinations for Polio, Mumps-Measels-Rubella (MMR), Varicella (Chicken Pox), Pneumococcal conjugate, Hepatitis A-ped, Hepatitis B, Haemophilus influenza Type B (HIB), Meningococcal conjugate, Rotavirus, Tetanus-diphtheria-acellular pertussis (Tdap and DTaP), Human Papillomavirus Vaccine (HPV), and Influenza.

Hepatitis A, Hepatitis B, Twinrix (combination of both), Influenza, Tdap/Tetanus, and Pneumonia are offered to adults, either for a fee, or Medicare.

Need

Immunizations are one of the most important and cost effective efforts in Public Health. This effort alone has saved millions of lives and prevented hundreds of millions of disease incidences. Immunization is especially important for infants and young children who are the most likely to die or be hospitalized from these diseases.

Funding

A Federal program administered through the State called Vaccines for Children (VFC) allows children through the age of 18 who are Medicaid eligible, uninsured, American Indian or Alaskan Native, or underinsured (has health insurance but coverage does not include all vaccines) to receive recommended vaccinations at no cost. The Department receives funding from the State for the administration of this program, and vaccine is provided by the State.

Adult vaccines are purchased by the Health Department. The cost of these vaccines is recovered through Medicaid, Medicare, or patient fees.

Services Provided in 2017

- **1,010 Immunizations were provided to 786 clients**
-16% more vaccines than last year
- **232 Children received influenza vaccines during school clinics as well as in our office**
-This is a 76% increase over 2016
- **447 Adults received influenza vaccine**
- **69% Of Marquette County Children that turned 24 months of age during 2017 have received all of the recommended vaccinations.**
- **29% Of adolescents have completed the HPV series.**

**Protect residents
throughout life span
from vaccine preventable
disease**



Oral Health

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Children's Dental Foundation

Service

The Marquette County Chapter of the Children's Dental Foundation was formally created in the fall of 2010 with the purpose of providing increased access to dental cleanings for children on Medical Assistance (MA) and those that are uninsured. The Foundation is a group of citizens and dental professionals that raise funds and manage the operation of this service. While conceived of and initiated by the Health Department, this program relies on the Foundation to fund and support the program. The service was initially offered in a donated space at a dental office, but has been expanded to all county elementary schools with the use of mobile equipment. Patients requiring restorative care are referred to Family Health - LaClinica in Wautoma. Parents also have the option of selecting their own dentist to follow through with needed restorative care.

Need

Access to dental care while on MA is a national concern, and Marquette County is no exception. County citizens often go without necessary preventative care and suffer long term health effects as a result. Marquette County is a Federally designated Dental Health Professional Shortage Area (Dental HPSA), there are 70% fewer dentists in Marquette County than the Statewide average, and there are no fluoridated municipal water sources. The Foundation provides an additional opportunity for improved access to dental care.

Funding

This program is funded by a number of sources. The dental cleanings for children on BadgerCare are reimbursed by MA. Services offered in schools, for uninsured children are funded by the Foundation.

Seal-A-Smile is funded through DHS Children's Health Alliance and MA.

The Health Department spends approximately \$2,000 each year to provide case management for both programs.



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Services Provided in 2017

- **158 Dental cleanings provided.**
- **69 Referrals made for full exams and potential restorative procedures.**
 - Almost a **16% increase over 2016**
- **16 Clients chose to go to LaClinica as a result of a referral. Services provided to those clients included:**
 - 14 Fillings
 - 12 Exams
 - 17 Sealants
 - 12 Fluoride varnish applications.
 - 1 Extraction
 - 12 Cleanings
 - 11 X-Rays
- ***New: Fall of 2017***
 - **The Health Dept is assisting the Dental Foundation Hygienist in providing the Seal-A-Smile program in Marquette County elementary schools.**
 - **73 students received sealants**

- **Assure access to an effective and adequate oral health delivery system.**
- **Assure access to comprehensive oral health prevention.**

Fluoride Supplement Program

Service

The Health Department offers free supplemental fluoride to Marquette County households with children ages 6 months to 16. These supplements can be used daily, year round. We also provide free fluoride varnish for children ages 6 months to 12 years. Varnish applications can be given up to 4 times annually.

Along with some coordination with local dentists, the Health Department tracks and distributes the supplements in either liquid or pill form, and paints fluoride varnish on children's teeth. These supplements are provided for those who live in communities with non-fluoridated water sources.

Need

Fluoride is a substance that strengthens tooth enamel with regular use. Both the supplements and varnish prevent tooth decay. Though fluoride can be naturally occurring in drinking water, the groundwater in Marquette County consistently tests below the level recommended for children with developing teeth. Additionally, there are no municipal sources of fluoridated water within the county. Tooth decay is one of the most common childhood diseases, but it is also one of the easiest to prevent.

Funding

The State Oral Health Grant and the State Prevention Grant provide the funding necessary to purchase the majority of fluoride supplements and varnish. The minimal administration time needed to carry out the program is funded by the County Tax Levy.

Services Provided in 2017

Fluoride Supplements:

- **68 Children were provided supplemental fluoride.**
- **95 Bottles of fluoride supplements were dispensed.**

Fluoride Varnish:

- **20 Individual children were provided fluoride varnish**
- **31 applications were provided.**

**Assure access to
comprehensive oral health
prevention.**



Access to Care

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HealthCheck Screening

Service

HealthCheck screenings are preventative health exams for those birth to 21 on Medicaid. The exams provide a head-to-toe physical, immunizations, vision and hearing screenings, developmental screening, nutritional assessment, and screening for anemia and elevated blood lead levels. Each summer these exams are also offered to the UMOS (United Migrant Opportunity Services) Headstart program.

Need

Access and cost of healthcare continues to be a significant concern for Marquette County residents. Especially since the county is considered a Federally designated Health Professional Shortage Area (HPSA). In February of 2017 the ThedaCare clinic in Montello closed its' doors. At the close of 2017, there was only 1 Primary Care Physician located within Marquette County.

Funding

HealthCheck exams are reimbursed through Wisconsin Medicaid. Additional reimbursement for services is provided through a contract with UMOS.

Services Provided in 2017

- **25 Children received HealthCheck exams for a total of 81 activities.**
- **101 Children received Brief and Intermediate Services for a total of 112 activities.**



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- **Increase the proportion of children who receive periodic developmental screenings and individualized intervention.**
- **Assure affordable access to health services.**

Well Baby Visitation

Service

Well Baby Visitation is an outreach effort to all Marquette County parents of first babies. Referrals may also be received from a hospital. During home visits, families are provided with a wealth of information, positive reinforcement, objective data, and the opportunity for referrals as needed. Outreach is attempted on the first week that the baby is born. Additional information on Department services, including immunization, well water testing, fluoride supplements, and safety are also provided. New babies are often measured and weighed, and additional assessments performed if requested through their physician. This service also creates an excellent opportunity to begin and maintain a constructive relationship with members of the county's Amish population.

Need

Access to care is an ongoing concern in Marquette County, and is reflected in the designation as a Federal Health Professional Shortage Area. This is especially true as a result of the closing of Montello's clinic in 2017. Limited access to care impacts the rates at which citizens initiate care when needed. Home visitation is recognized as a key component of an effective system of care, that also includes early access to reproductive health services, and prenatal care coordination. Home visitation has been shown to influence a child's development and parent-child relationships.

Funding

Well Baby Visits are paid for with Marquette County's matching funds for the Maternal Child Health block grant. These are County Tax Levy funds, but they must be spent appropriately in order to receive additional State grants for Maternal Child Health (MCH) programming.

Services Provided in 2017

- **12 Well Baby Visits with first-time parents were provided.**
- **31 Contacts were made to first-time parents of new babies.**

Increase the proportion of children who receive periodic developmental screening and individualized intervention.



Foot Care Clinic

Service

Marquette County Health Department provides a foot care clinic to assist the elderly and physically disabled maintain the health of their feet. Clinics are held two to three times monthly at the Health Department and visits are made every other month to Harris Villa.

Need

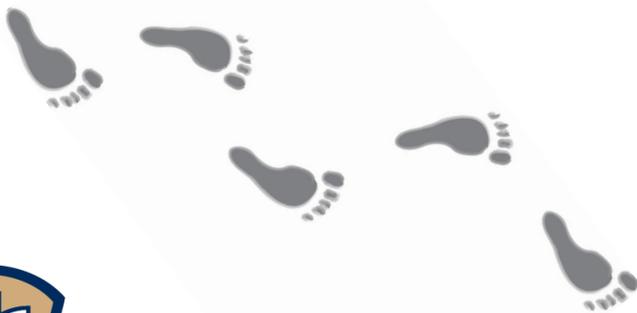
According to the Wisconsin Interactive Statistics on Health (WISH), for every 10,000 people in Marquette County, more than 15 seniors will be fatally injured from a fall. This compares to a State rate of 10. Proper foot health allows for better stability and balance, fewer painful infections, and reduces tripping hazards; all of which prevent falls. This type of care is especially important for those who are diabetic or have poor circulation. Marquette County has a large elderly community that is only projected to grow, and other area foot care services are decreasing in availability. As a result, this service remains a popular option for maintaining foot health.

Funding

Some years, the cost of holding the clinic exceeds revenue from fees. In those cases, Tax Levy makes up the difference. In 2017, this program made \$10,760 and cost \$9,000 to run. This past year, the foot care clinic has seen an increase in the number of appointments as well as new clients.

Services Provided in 2017

- **39 Clinics were conducted**
- **273 Appointments were held by Marquette County residents**
 - An almost 25% increase over 2016
- **43 New clients were seen in 2016**
 - A 13% increase over last year
- **A total of 105 clients used foot care clinic services this year.**
 - A 12% increase



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**Reduce the leading causes
of injury.**

Loan Closet

Service

Marquette County Health Department maintains an equipment loan program which offers equipment on a temporary basis. Equipment available for rent includes wheelchairs, walkers, commodes, crutches, quad canes and other miscellaneous items.

Need

The Loan Closet provides an outlet to obtain equipment during transitional phases of health or recovery, without the need to purchase the equipment.

Funding

Rental fees and donations support the program and are used to maintain and purchase new equipment for the Department.



Services Provided in 2017

- **43 Residents rented equipment from the Loan Closet.**

**Assure affordable access to
health services**



Reproductive and Prenatal Health

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Prenatal Care Coordination

Service

Prenatal Care Coordination (PNCC) program is designed to improve birth outcomes for high-risk, low income women. Pregnant women are evaluated for their potential risk and if they qualify for services, a Public Health Nurse works with them to establish a care plan. The care plan serves the goal of assuring that the woman receives individual psychosocial support and services, early and continuous prenatal care, necessary health and nutrition education, referrals to available community services and receives assistance in obtaining necessary health and social services.

Need

According to the Journal of Obstetrics, Gynecology and Neonatal Nursing, women who received 6 or more hours of PNCC services were less likely to deliver infants with poor birth outcomes; such as low birth weight, preterm infants, and transfers to a neonatal intensive care unit. Low birth weight (LBW) children are at a greater risk for developmental and growth problems, cardiovascular disease later in life, and have a greater rate of respiratory conditions. Prenatal care has an important role in assuring that the mother is well supported and educated during her pregnancy, improving the likelihood of a healthy birth weight.

Funding

This program is supported through Marquette County Tax Levy. Short term benefits include a reduction in illness. Long term benefits include an increased likelihood of positive performance of youth as well as prevention of serious illness later in life.

Services Provided in 2017

- **11 Risk assessments completed.**
- **8 Women received PNCC services.**
- **1 Woman was enrolled in childbirth classes with their partners in cooperation with local healthcare providers and PNCC nursing staff.**
- **100% Of participants who completed the aftercare survey felt that the service was helpful and they would use it again.**

The Breastfeeding program through MCH has worked to complete assessments at local businesses and has helped to establish policies and practices that support mothers coming back to work after childbirth.

Reduce disparities in reproductive health experiences.



Car Seat Program

Service

Starting in June of 2016, low-income families are eligible for free, age appropriate car seats through the Health Department. In addition, any Marquette County residents who use car seats, are encouraged to request a free consultation with our certified car seat technicians. During these appointments, residents receive education and demonstrations on proper car seat use and installation, as well as verification that car seats are not expired or under a recall notice.

Need

According to the National Highway Traffic Safety Administration (NHTSA) only about one quarter of families are correctly using and installing their car seats! Since automobile crashes are the number one cause of accidental death for children, proper car seat installation and use is vital to ensuring the safety of our children.

High poverty levels in Marquette County contribute to the need for this program as many families are not able to purchase car seats, replace them when they expire, or have been in an accident. By providing education to all car seat users and supplying eligible families with new car seats, Marquette County is able to help reduce the risk of injury and fatalities in motor vehicle crashes.

Funding

This program receives funding through a DOT Safety Grant to pay for a variety of age appropriate car seat options. County Tax Levy pays for the time spent to provide car seat training, education and assessments to the public. Since receiving the grant in 2016, the funding allocation has decreased. With that said, the Department will continue to provide as many car seats as funding will allow.

Services Provided in 2017

- **27 Age appropriate car seats were provided to qualified families.**
- **48 Car seat checks were performed.**
- **100% Of families receiving a free car seat felt they were *significantly* more prepared to install their car seat properly.**
- **96% Of families receiving a free car seat felt that they had a *significantly* better understanding of proper seat use.**

New in 2017

The first county-wide Safety Day was held in Collaboration with Sheriff's Dept, EMS and the Montello Fire Dept.

Reduce disparities in reproductive health experiences



Reproductive Health

Service

The Department provides counseling, education, and pregnancy testing. Additional services may include coordinating referrals and access to providers for ongoing contraceptive services. This program is available for those school aged through adults, and may include transition into additional services should the client be pregnant.

Need

Access to reproductive and contraceptive care in Marquette County is limited due to the availability of clinics and physicians. As such, Marquette County has been designated a Health Professional Shortage Area. This is worsened by the fact that the Montello Clinic closed in February 2017.

Early identification of a pregnancy allows women to start prenatal care services earlier. According to Vital Statistics birth data, in Marquette County, as many as 45% of women do not get prenatal care during their first trimester.

Funding

Funding for pregnancy testing is minimal and is covered by County Tax Levy.



Services Provided in 2017

- **4 Pregnancy tests were provided.**

New in 2018

Reproductive Health programming will expand to include STD testing and treatment; birth control, dual protection kits and referrals to establish a medical home.

Provide pre-conception and inter-conception care to women disproportionately affected by poor birth outcomes



First Breath

Service

First Breath was developed to increase the smoking quit rate and reduce the number of pregnant smoking women. Pregnant women are encouraged to participate in the program during Prenatal Care Coordination (PNCC) or other Health Department business. The program offers education, motivational incentives, and support to assist the mother in creating a healthy environment for her unborn child. This includes smoking cessation tools and counseling, as well as means for discussing with family members the concerns of second-hand smoke exposure for pregnant women.

Our Maternal Child Health (MCH) smoking cessation objective was new in 2016 and works to enlist childcare providers and Physicians as cessation program partners.

Need

According to the 2017 County Health Rankings, pregnant women in Marquette County are 10% more likely to smoke compared to the State average. Smoking during pregnancy is one of the leading risk factors for premature/low birth weights. This leads to increased risk of special needs and infant mortality. Second-hand smoke exposure in the home also increases the risks for respiratory infections and asthma. All of these factors not only increase stress and reduce the health of Marquette County families, but also adds the burden of extra health care costs.

Funding

This program is supported by the State Department of Health by providing education and resources. While this program does not generate or receive funding from the State, local resources invested in this effort are minimal. It is estimated that for every dollar invested in smoking cessation programs for pregnant women, \$3.00 are saved in downstream health related costs. In 2015 the Health Department was awarded \$500 from Alliant Energy to provide incentives helping pregnant women and new mothers to quit smoking. Those

funds continue to be used for those purposes.

The MCH objective is paid for by State grant funding.



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Services Provided in 2017

First Breath

- **2 Of the women enrolled in PNCC smoked.**
- **Both enrolled in First Breath programming**
- **1 Successfully quit smoking as a result of First Breath programming and support.**
- **1 Is still enrolled.**

MCH Smoking Cessation

- **23 UMOS families received education on 2nd and 3rd hand smoke, how to create smoke-free spaces, and Quitline resources.**
- **8 FCC coalition members were trained in Ask, Assist, and Refer for smoking cessation programming.**

Reduce tobacco use and exposure

Alcohol, Tobacco, and Other Drugs

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Tobacco Prevention

Service

Marquette County Health Department conducts tobacco prevention work in collaboration with Healthy Communities Healthy Youth (HCHY). Tobacco prevention efforts include providing education on the hazards of new and current tobacco products, including electronic or e-cigarettes. Efforts are aimed at neutralizing corporate targeting of youth, identifying policies that reduce the initiation of smoking by youth, preventing exposure to second-hand smoke, and conducting compliance visits at local tobacco retailers.

Need

According to the 2016 Community Cancer Profile, 16% of Marquette County adults report smoking, which is now on par with the State average of 17%. Meanwhile 13% of high school youth and 4% of middle school youth are also smoking. Statistically, the majority of youth smokers (90%) will become adult smokers. An additional concern is that 13.2% of high school students in Marquette County are now using e-cigarettes. The impact of those choices are yet to be discovered. The culture of smoking is further evidenced by the fact that 24% of pregnant women in Marquette County smoke, dwarfing the State average of 13%. These statistics contribute to the number of residents over 50 dying of cancer and heart disease in Marquette County.

Funding

Healthcare costs and lost productivity caused by tobacco cost Marquette County over \$12 million per year. Yet Wisconsin only funds tobacco prevention at 8% of the CDC's recommended level. Marquette County is contracted to engage the local community through the multi-jurisdictional coalition, 5 Counties for Tobacco Free Living. The Health Department received approximately \$1,600 during 2017 to conduct tobacco prevention activities. Tobacco prevention funds are provided by the Federal government. Any additional funding comes from County Tax Levy.



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Services Provided in 2017

- **16 Tobacco compliance checks of County retail facilities.**
- **9 Public and media outreach activities on tobacco were presented to community organizations and at local media outlets.**
- **1 E-cigarette and "Other Tobacco Products" presentation for the Westfield PTO.**
- **2 Community members testified at the Joint Finance Committee hearings on tobacco prevention.**
- **3 Environmental scans were completed at local tobacco retailers.**
- **1 Tobacco cessation course was held.**

**Reduce use of tobacco,
exposure to second-hand
smoke, and disparities.**

Alcohol and Drug Prevention

Service

The Drug and Alcohol prevention activities of Marquette County are conducted through the Healthy Communities, Healthy Youth Coalition (HCHY) and the Health Department. These groups provide a broad range of services, including comprehensive strategies that engage youth and the community, improvement of environments that make healthy choices more intuitive, provide education and programming, reviewing policies that affect substance abuse, and conducting compliance inspections for alcohol outlets.

Additionally, treatment court provides treatment for Substance Use Disorders in exchange for a reduction in penalties, the Safe Ride program has been expanded, the Substance Abuse Policy Committee works to address existing and emerging policy concerns, and funding has been approved to install another Drug Drop Box in Neshkoro in 2018.

Need

Marquette County citizens of all ages have repeatedly identified the reduction of Alcohol and Other Drugs as top priorities. According to the most recent YRBS survey, 26.1% of high school students in the County have had at least 1 drink in the past month. This is important because kids who initiate alcohol use before the age of 15 are five times more likely to have addiction. Every year of delayed onset decreases the risk of addiction by 10%.

Funding

HCHY was funded by a Drug Free Communities (DFC) and Stop grant, which ended in September of 2016. HCHY is now a non-profit entity funded through community support and grants. Alcohol Compliance checks and some of the time spent on programming are supported by Levy funds.

Services Provided in 2017

- **360 Parents and Athletes participated in Athlete Parent meetings.**
- **6 HCHY members attended the State Prevention Conference.**
- **2 Community Narcan/Opioid trainings were provided.**
- **53 County Employees were trained how to use Narcan.**
- **1 Festival started carding and wrist banding for alcohol purchases.**
- **2 Festivals hung prevention banners at their events.**
- **The annual *Parents Who Host Lose the Most* Campaign was conducted county wide.**

- **Reduce unhealthy and risky alcohol and other drug use.**
- **Assure comprehensive**



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Environmental Health

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Environmental Health & FSRL

Service

The Tri-County Environmental Health Consortium provides Environmental Health and Food Safety and Recreational Licensing (FSRL) services for Marquette County.

Environmental Health services are mandated and include tracking and investigating of complaints pertaining to well water, septic systems, indoor/outdoor air quality, water/air pollution, waste disposal, chemical hazards, lead, radon, housing, animal bites, preparedness, and enforcement of the Human Health Hazard Ordinance.

The FSRL program provides education, training, and risk based inspection of retail stores, restaurants, tourist rooming houses, hotels/motels, campgrounds, bed and breakfasts, public pools, schools, tattoo parlors, and recreational/educational camps. Inspection reports are also available online for Tri-County food facilities.

Need

The Environmental Health Program reduces the prevalence of conditions in our environment that contribute to respiratory and enteric illnesses to name a few. The Human Health Hazard Ordinance is used to maintain a standard of healthy living.

Every 5 years the Food and Drug Administration (FDA) completes a trend analysis report on the occurrence of foodborne illness based on outbreaks in the United States. The Centers for Disease Control (CDC) uses the results to determine critical risk factors. The critical risk factors pose an imminent health risk and require immediate correction.

Funding

Marquette County pays \$18,560 annually for all environmental health and FSRL services. Resources include a full time employee assigned to Marquette County, admin support, and additional staff in emergencies.

Licensing fees fund the additional costs of this program.



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Services Provided in 2017

- **58 Animal bite contacts.**
- **20 Well water contacts.**
- **43 Radon test kits provided to residents.**
- **7 Indoor air contacts.**
- **48 Housing contacts.**
- **157 FSRL inspections completed.**
- **12 Re-inspections at food facilities**
- **8 Pre-inspections for new licensed establishments.**

New in 2018

DHS plans to include recreational facilities in their online inspection reports.

- **Increase percentage of homes with healthy, safe environments.**
- **Improve quality and safety of food supply.**

Lead Poisoning Prevention

Service

Marquette County is a participant of the Wisconsin Childhood Lead Poisoning Prevention Program (WCLPPP). This service provides blood lead screening for children as well as lead poisoning investigations as required by Statute. Targeted intervention is completed for the children enrolled in the Women Infant and Children (WIC) nutrition program, and UMOS.

When a child's blood lead level meets the definition of poisoning, a lead poisoning investigation is required. Orders are written to remove lead hazards from the child's environment.

If a child is not poisoned, but has lead in their system, the Health Department offers a free home inspection and education related to exposure, nutrition, and lead safe cleaning methods to help the parents prevent further exposure.

Need

Lead exposure in young children can cause reduced IQ and attention span, learning disabilities, developmental delays, and a range of other health and behavior effects. Most exposures occur in homes or daycares built before 1978 where lead-based paint has deteriorated because of deferred maintenance or poor renovation practices. Low income is the most commonly cited indicator of risk for lead poisoning in children. Despite the higher than average percentage of children in poverty, the County has had very few cases of lead poisoning in children.

Funding

Funding for the screening of this population is provided through a grant administered by the Department of Health Services and provided by the Federal Government. Any investigation and testing are conducted and funded by the Tri-County

Environmental Health Consortium, samples submitted for testing are covered through the State Lab of Hygiene.



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Services Provided in 2017

- **150 Marquette County children received blood lead screenings for a total of 155 blood lead tests.**
- **3 Children with elevated blood lead levels (5-9 µg/dL) range.**
- **0 Children with blood lead levels that meet the definition of lead poisoned. (10+ µg/dL)**
- **0 Voluntary home inspections.**
- **0 orders written to abate lead hazards.**

Increase percentage of homes with healthy, safe environments.

Wellness

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Wellness

Service

The Marquette County Health Department takes part in a variety of programs and initiatives that promote a lifetime of health. As such, we team up with Healthy Communities, Healthy Youth (HCHY) coalition to support and participate in the annual Wellness Challenge. Wellness Wednesday emails are sent to Marquette County employees showing them new and useful tips for healthy living. Employees are also invited to participate in Wellness Challenges.

Family Adventure Day (FAD), a parent-child interactive educational day was held again in 2017. The Health Department along with the Family Connections Coalition (FCC) organized and planned an event where multiple community vendors, agencies, and partners could educate and interact with the public. The Health Department set up 2 booths. One of which included education and an activity related to sugary drinks, as well as healthier choices. The other provided education on the lifetime of health, that starts with breastfeeding.

Need

The County ranks 37 out of 72 Counties in WI for Health Behaviors. While this is an improvement over previous years, there is still work to be done, especially as it pertains to obesity and physical inactivity. Obesity is defined as someone with a Body Mass Index (BMI) that is greater than or equal to 30. Thirty-five percent of Marquette County Adults are considered obese, which is 5% greater than the State. This is especially troublesome when WI ranks poorly compared to national averages. Since 22% of residents are also considered physically inactive, health behavior continues to be a priority for the County.

Funding

The Prevention Block Grant is a Federal grant that is administered by the State Department of Health Services (DHS). This grant provides a small amount of funding for physical activity and nutrition efforts. Donations and Tax Levy also make programming possible.



Prevent. Promote. Protect.

Services Provided in 2017

- **350 People participated in Family Adventure Day**
- **50 People participated in the County Wellness Challenge**
- **21 Employees participated in a Lunch N Learn by the Beef Council on Protein**
- **Nutrition education lessons were given to local Girl Scouts**
- **1 Community event was put on for diabetes prevention and education.**
- **Health Educator assisted in creating a garden at the Care and Share Food Bank**
- **60+ Donations made during 2017 Blood Drives**

- **Residents will have ready access to sufficient, nutritious food.**
- **Increased physical activity for all.**

WIC (Women, Infants, and Children)

Service

Marquette County collaborates with Family Health—LaClinica to provide Women, Infants, and Children (WIC) services for Marquette County. WIC is a supplemental food program which provides nutrient-dense foods to pregnant and postpartum women as well as infants and children up to 5 years of age. Eligible participants must meet both an income guideline as well as a medical or nutritional guideline that puts them at risk for decreased health or nutrition status. In addition to some assistance scheduling appointments for WIC, the Health Department also coordinates a number of programs such as immunization clinics, blood lead screenings, and Prenatal Care Coordination to allow clients the opportunity to complete all of their appointments in one visit.

Need

The aim of WIC is to maintain and promote the health and well-being of nutritionally at-risk, breastfeeding and postpartum women, infants, and children. Beyond food, participants receive education on food shopping, breastfeeding, breastfeeding support, and Health Department programming referrals. Such support and services help to reduce premature and low birthweight children and reduce long-term medical costs. The percentage of children living in poverty in Marquette County is 20% as compared to the State average of 17%.

Funding

The Special Supplemental Nutrition Program for Women, Infants, and Children is a Federally funded program that is administered by the State Department of Health Services. All grant funds are received by Family Health—LaClinica to provide the service to Marquette, Green Lake, and Waushara Counties.

Services Provided in 2016

- **319 Total participants in WIC**
- **84 Participants were either pregnant or postpartum women. 27 of whom were breastfeeding.**
- **62 Participants were infants (Under 12 months old.)**
- **173 Participants were children (1-5 years old).**

Residents will have ready access to sufficient nutritious food.



Health Education Activities

Service

The Health Educator for the Health Department consistently works to build connections and collaborate with the County's school districts. She is often contacted to educate school aged kids on topics varying from germs, to healthy foods, to contraception. The Department's Facebook page is updated routinely to make beneficial information available to the public. Quarterly articles are written for the Senior Newsletter and articles of public health importance are submitted to the Marquette County Tribune. Efforts are made to bring awareness to health concerns, and health events are planned to address a community need.

Need

Having health education in our communities helps the Health Department to promote its' mission of providing "optimum wellness for all Marquette County Residents through disease prevention and the development and nurturing of healthy lifestyles." According to the 2017 Wisconsin Public Health Profile, the vast majority of deaths were attributed to chronic diseases and unhealthy behaviors. Health education helps community members make healthy decisions for themselves based on factual information.

Funding

Funding is provided through the Marquette County Tax Levy and grants received for individual program activities.

Services Provided in 2017

- **Health Educator was trained in Cancer, Clear and Simple curriculum to promote cancer prevention lifestyles**
- **Health Educator was a vendor at the Westfield Elementary Schools' Family Fitness night**
- **A Q&A session concerning health topics was held at Westfield Senior Meal Site**
- **205 Facebook posts in 2017.**
-339 "likes" on the Health Department page.



Prevent. Promote. Protect.



Prepare youth and families to protect their health and the health of their communities.

Public Health Preparedness

MCHD



Public Health
Prevent. Promote. Protect.



Public Health Preparedness

Service

Public Health Preparedness is the Health Department's means of maintaining the ability to effectively provide an "all hazards response" for local emergencies. The main elements of this effort are partnerships with other entities to provide a comprehensive approach with unified goals, ongoing planning, identifying equipment and resources to improve response, training, and exercising for real events. All exercises and real events include an After Action Report (AAR) to assess the event, highlight strengths, and identify areas for improvement.

Focus areas for the 2017 grant year were:

- Volunteer Management
- Mass Fatality Management
- Mass Care
- Community Resilience

The Health Department also serves on the Northeast Regional Health Care Coalition and participates in activities put on by our Southern Region HCC partners.

Need

Large scale events can happen at any time, and include situations such as inclement weather, flooding, and even pandemic influenza. In the past decade, all of these scenarios have presented challenges in Marquette County. This year the staff have been preparing for the possibility of a train derailment as well as severe storms and flooding. Preparedness planning also prepares the County for man-made events should they occur.

Funding

The Public Health Emergency Planning grant is Federally funded and administered through the State Department of Health Services.

Services Provided in 2017

- **Staff completed required trainings for the 2016-2017 contract year, including:**
 - Weather spotter class
 - ICS refresher
 - CASPER Training
 - Volunteer management training
 - Integrating access and functional need training
- **All staff participated in quarterly WEAVR alerting drills**
- **Staff participated in both LEPC meetings**
- **Staff planned, participated in, and generated After Action Reports for the following events:**
 - Registration Day Immunization Clinics
 - Influenza School Clinics
 - Amish Community Mass Immunization Clinic

Strengthen emergency preparedness, response, and recovery.



Community Health Improvement Plan Update 2017

MCHD



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2012-2017 CHIP Health Priorities

1. Access to Care

1. Efforts are still being made to recruit another network or private practice to provide healthcare in Marquette County
2. The Health Department continues to work with the WIC program towards providing dental cleanings and education to children 0-4 years of age. Most dentists do not serve this age group, so concerns often go unaddressed until years later. This service would be provided with the intention of establishing good dental hygiene habits at an early age, and identifying and addressing concerns before they cause permanent damage.
3. Two Mobile Mammography Clinics were provided by Marshfield Clinic in Marquette County in 2017. Three more have been scheduled for 2018.

2. Alcohol, Tobacco, and Other Drugs

1. The Community Education Team continues to work with festival organizers to assure safe community events.

-The Substance Abuse Policy Committee is also working with festival organizers to educate and incentivize carding and wristbanding at local events serving alcohol.
2. The Community Education Team received approval from the Marquette County Fair board to bring "Hidden in Plain Sight" to the fair in 2018. This is an interactive activity meant to educate parents and other adults on "red flags" or other indicators of risky behavior that may be identified in a teens room.
3. The Policy Committee received a grant to provide medication lock boxes in our communities, an additional drug drop box location in Neshkoro, and would allow the Education Committee to carry out a Dose of Reality campaign.
4. In 2017, 92% of facilities did not sell alcohol to minors during their annual compliance check. This is a huge improvement over the first compliance checks from 15 years ago, when alcohol vendors sold to minors at a rate of 40%.
5. In late 2017, a subgroup of CWHP including Family Health LaClinica, Marquette, Adams and Juneau Counties were awarded funds to open a substance use treatment facility that specializes in opioids and methamphetamines.

2012-2017 CHIP Health Priorities

3. Physical Activity and Nutrition

1. The Healthy Eating, Active Lifestyle (HEAL) Team is working on a local food guide to help Marquette County residents find sources of fresh local produce.
2. HEAL Team is also working on a "Get Active" guide to show residents all of the physical activity opportunities available in Marquette County.
3. The Health Department collaborated with Buildings and Grounds and the Girl Scouts to plant a garden at the Care and Share Food Bank. Almost 2 tons of fresh produce was donated to the food bank and other community partners in 2017! Approval was granted to continue in 2018.
4. The AmeriCorps Farm to School member at the Health Department continues to work with UWEX to provide nutrition education coverage in schools. Their objectives also include working with Food Service Directors to encourage and facilitate procurement of fresh, locally grown produce for lunch programs.

4. Behavioral Health

1. The Health Director sits on the Central Wisconsin Health Partnership (CWHP) Committee. This group is made up of representatives from Human Services Departments and Health Departments from Marquette, Adams, Juneau, Waushara, Green Lake, and Waupaca Counties. The aim is to consolidate efforts to improve mental health services in the region.

2018-2022 CHIP Health Priorities

* New Priorities *

Priority area: MENTAL HEALTH

Goal: Improve mental health and decrease suicide rates in CWHP counties

Priority area: ALCOHOL AND OTHER DRUG ABUSE

Goal: Decrease alcohol and drug misuse and abuse in CWHP Counties

Priority area: HEALTHY GROWTH AND DEVELOPMENT

Goal: Increase and promote factors that support healthy growth and development

Priority area: HEALTH EQUITY

Goal: Advance health equity by collaboration, enhancing capacity, and strengthening partnerships

... The old priorities?

In 2018 we will begin working on the priorities identified in our new CHIP. With that said, we will continue much of the work started during our 2012-2017 CHIP.

As long as the data still shows that our previous CHIP programs are important in our communities, and funding allows, we will still concentrate on these efforts.

Budget

MCHD



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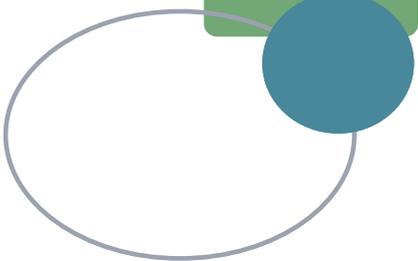


2017 MCHD Budget

Marquette County Appropriations	522,154.00
Budgeted Revenues	87,800.00
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Budgeted Net Levy	434,354.00
Total Estimated Disbursements	516,656.73
Estimated Revenues	100,011.71
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Cost to County	416,645.02

Health Department Program Revenues

Influenza Immunization	16,600.00
Foot Care Clinic	10,760.00
Grants	61,235.00
HealthCheck/Immunization Program	2,600.00
Prenatal Care Coordination (PNCC)	900.00
Donations	7,096.71
TB Skin Tests	820.00
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TOTAL PROGRAM REVENUES	100,011.71



2017 MCHD Budget

Health Department Expenditures

Personnel	439,228.45
Office Expenses	8,643.17
Equipment	5,680.89
Medical Supplies	10,942.14
Other Operation Expenses	33,512.08
Environmental Health	18,560.00
<hr/>	
TOTAL PROGRAM EXPENDITURES	516,656.73

Equipment Outlay

Beginning Balance; January 1, 2017	5,959.40
2017 Revenue	835.00
2017 Expenditures	0.00
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Total Equipment Fund	6,794.40

Tobacco Reserve Account

Beginning Balance; January 1, 2017	12,188.77
2017 Revenue	1,168.00
2017 Expenditures	379.35
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Total Tobacco Account	12,977.42



Committee Participation

The Marquette County staff serve on a number of committees to initiate, implement, and enhance the health of our communities. Below is a list of committees, coalitions, and other organizations in which the Department participates.

- Amish Transportation Safety
- ThedaCare Berlin Community Health in Action Team (CHAT)
- Caregiver Coalition
- Central Wisconsin Health Partnership (CWHP)
- Community Health In Action (CHIA)
- Coordinated Service Team Initiative Advisory Committee (CST)
- Children’s Dental Foundation
- Community Education Team
- Community Networking Group (CNG)
- Family Adventure Day (FAD)
- Family Connections Coalition (FCC)
- Five Counties for Tobacco Free Living
- Food & Recreational Advisory Committee
- Healthy Babies Coalition
- Healthy Communities, Healthy Youth (HCHY)
- Healthy Eating, Active Lifestyle (HEAL Team)
- Interdisciplinary Team (I-Team)
- Literacy Volunteers of Marquette County
- Local Emergency Planning Committee (LEPC)
- Region 5, Healthcare Emergency Readiness Coalition (FVHERC)
- Region 6, Healthcare Emergency Readiness Coalition (SCWIHERC)
- Safety and Risk Management
- Substance Abuse Policy Committee
- Transportation Committee
- Tri County Plain Community Public Health Coalition (TCPCPHC)
- Wisconsin Association of Local Health Departments and Boards (WALHDAB)
- Wellness Committee, Montello School District
- Wellness Committee, Westfield School District
- Working on Wellness (WOW)



