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MISSION, VISION & STAFF

OUR MISSION:
Working with the community to promote wellness, improve health and ensure environmental safety.

OUR VISION:
Leading Waushara County as a trusted resource that promotes healthy families, supportive communities and safe environments.

Director/Health Officer
Patti Wohlfeil, RN, BSN, MPA

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Public Health Educator
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Ann Robbe, Environmental Specialist (Marquette County)
Jessica Jungenberg, Environmental Specialist (Marquette County)

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Sue Lederer, Health Assistant
Becky Hubatch, Public Health Tech
Iris Duran, Public Health Secretary

Dental Staff
Renee Schlicting-Lippert, Dental Hygienist

Board of Health
Dennis Wedde, Chair of Board until April 2018
Everett Eckstein, Vice Chair/Chair as of April 2018
Pat King, County Board Supervisor
Beth Osicka, RN, Citizen Member
Patti Miller, RN, Citizen Member
Dr. Gilbert Steffanides, Medical Advisor, Volunteer, through February 2018
Dr. Cheston Price, Medical Advisor, Volunteer, as of February 2018

Updates in 2018:
Ann Robbe, Environmental Specialist, resigned when she was married and moved to Illinois. Jessica Jungenberg replaced Ann. Sue Lederer passed away in February of 2018. We dearly miss her. Tanya Bosshard was promoted to Health Specialist as Sue’s replacement. Iris Duran was hired in July to replace Tanya as Public Health Secretary. Iris resigned in December to return to full time motherhood. Our Medical Advisor, Dr. Stefanides moved to Alaska and was replaced by Dr. Price from Family Health/La Clinica. Donna Goldsmith left the Board of Health and was replaced by Patti Miller, RN, a former Waushara County Public Health nurse.

Special recognition goes to Justine Riesterer, AmeriCorps member with the Wisconsin HealthCorps Program, who has been serving with our department since September 2017.
TEN ESSENTIAL PUBLIC HEALTH SERVICES

The Waushara County Health Department (WCHD) uses the 10 Essential Public Health Services as a framework to guide our core functions and better serve the community.

Throughout this annual report, examples of how we are working to meet these responsibilities and improve the health status of the community are given for each of the Ten Essential Public Health Services.

These services describe the public health activities that all communities should undertake:
1. Monitor health status to identify and solve community health problems
2. Diagnose and investigate health problems and health hazards in the community
3. Inform, educate, and empower people about health issues
4. Mobilize community partnerships and action to identify and solve health problems
5. Develop policies and plans that support individual and community health efforts
6. Enforce laws and regulations that protect health and ensure safety
7. Link people to needed personal health services and assure the provision of health care when otherwise unavailable
8. Assure competent public and personal health care workforce
9. Evaluate effectiveness, accessibility, and quality of personal and population-based health services
10. Research for new insights and innovative solutions to health problems

Essential Service Number 1: Monitor Health Status to Identify and Solve Community Health Problems

This essential service means monitoring and assessing the community's health status and identifying the community's strengths (assets) and challenges (threats) and determining current and emerging health needs of all.

COMMUNITY HEALTH ASSESSMENT & COMMUNITY HEALTH IMPROVEMENT PLAN
The Waushara County Community Health Improvement Plan is developed in collaboration with the Central Wisconsin Health Partnership. The Central Wisconsin Health Partnership (CWHP) is a consortium covering a six-county region including Adams, Green Lake, Juneau, Marquette, Waupaca, and Waushara Counties. The partnership includes county human services and public health departments, a Federally Qualified Health Center and other interested healthcare advocates and providers in the region.

The partnership worked together to complete the 2016 Community Health Assessment and as a result, identified key areas that needed improvement in all six counties. The three main priority areas in the 2017-2022 Community Health Improvement Plan are Alcohol and Other Drug Abuse (AODA), Mental Health, and Chronic Disease Prevention. The Community
Health Improvement Plan is a road map to creating a healthier Waushara County for all residents. The next steps for us are to plan and implement the evidence-based strategies outlined in action plans and carried out by the work of our county’s wellness coalition, REACH Waushara.

**Essential Service Number 2: Diagnose and Investigate Health Problems and Health Hazards in the Community**

This essential service means using laboratories, medical providers and other resources to report any statute required reportable disease to the public health department. The public health nurses investigate disease outbreaks and patterns of environmental health hazards, chronic disease, and injury. It involves identifying relationships and developing and implementing prevention and intervention strategies. In 2018, carbon monoxide and latent tuberculosis were added to the list of reportable diseases in Wisconsin.

**COMMUNICABLE DISEASE CONTROL**

The public health nurses for Waushara County provide health education counseling and referral services in communicable disease control. The spread of disease can be limited if caught in the early stages, and people are educated or treated prophylactically to prevent the spread. In some cases where diseases are not spread from person to person, accumulation of data will eventually help epidemiologists determine control methods.

Waushara County continues to show high incidents of cases of Lyme disease, chlamydia, Hepatitis C and ehrlichiosis. All diseases that are required to be reported to Waushara County are investigated. Not all are found to be confirmed positives. The following chart shows the trend of number of communicable disease investigations per year for the last five years in Waushara County.

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Investigations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>188</td>
</tr>
<tr>
<td>2015</td>
<td>247</td>
</tr>
<tr>
<td>2016</td>
<td>270</td>
</tr>
<tr>
<td>2017</td>
<td>323</td>
</tr>
<tr>
<td>2018</td>
<td>343</td>
</tr>
</tbody>
</table>

We provided 70 TB skin tests to residents and county employees in 2018. We provide follow up to clients with latent and active TB. Multi-drug resistant cases of TB have increased in Wisconsin but none have occurred in Waushara County. We had no active cases of TB in 2018.

Waushara County utilizes WEDSS, Wisconsin Electronic Disease Surveillance System, for reporting and follow-up of reportable and communicable diseases. The following chart shows the incident counts for reported cases of communicable diseases in Waushara County for 2018.
## Disease Incident Comparison

### Episode Year: 2018*

Comparing: Waushara County to Statewide

<table>
<thead>
<tr>
<th>Disease Group</th>
<th>Waushara</th>
<th></th>
<th>Statewide</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Population:</td>
<td>Rate per 100,000</td>
<td>Population:</td>
<td>Rate per 100,000</td>
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<tr>
<td>Acute Flaccid Myelitis</td>
<td>0</td>
<td>0.00</td>
<td>17</td>
<td>0.29</td>
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<tr>
<td>Arboviral Disease</td>
<td>2</td>
<td>8.28</td>
<td>578</td>
<td>10.00</td>
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<tr>
<td>Babesiosis</td>
<td>6</td>
<td>24.83</td>
<td>242</td>
<td>4.19</td>
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<tr>
<td>Blastomycosis</td>
<td>2</td>
<td>8.28</td>
<td>156</td>
<td>2.70</td>
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<tr>
<td>Campylobacter</td>
<td>7</td>
<td>28.97</td>
<td>1723</td>
<td>29.82</td>
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<tr>
<td>Chlamydia</td>
<td>50</td>
<td>206.94</td>
<td>28306</td>
<td>489.83</td>
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<tr>
<td>Cryptosporidiosis</td>
<td>2</td>
<td>8.28</td>
<td>889</td>
<td>15.38</td>
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<tr>
<td>Cyclosporiasis</td>
<td>4</td>
<td>16.55</td>
<td>325</td>
<td>5.62</td>
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<tr>
<td>Ehrlichiosis / Anaplasmosis</td>
<td>22</td>
<td>91.05</td>
<td>1184</td>
<td>20.49</td>
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<td>Gliadias</td>
<td>5</td>
<td>20.69</td>
<td>703</td>
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<tr>
<td>Gonorrhea</td>
<td>3</td>
<td>12.42</td>
<td>8170</td>
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<tr>
<td>Hepatitis A</td>
<td>1</td>
<td>4.14</td>
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<tr>
<td>Hepatitis B</td>
<td>10</td>
<td>41.39</td>
<td>1884</td>
<td>32.60</td>
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<tr>
<td>Hepatitis C</td>
<td>34</td>
<td>140.72</td>
<td>6771</td>
<td>117.17</td>
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<tr>
<td>Influenza</td>
<td>35</td>
<td>144.86</td>
<td>8028</td>
<td>138.92</td>
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<tr>
<td>Invasive Strep Disease</td>
<td>6</td>
<td>24.83</td>
<td>1506</td>
<td>26.06</td>
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<tr>
<td>Legionellosis</td>
<td>3</td>
<td>12.42</td>
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<tr>
<td>Lyme Disease</td>
<td>83</td>
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<td>6240</td>
<td>107.98</td>
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<tr>
<td>Measles</td>
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<td>8.28</td>
<td>234</td>
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<tr>
<td>Mumps</td>
<td>2</td>
<td>8.28</td>
<td>736</td>
<td>12.74</td>
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<tr>
<td>Non TB Mycobacterium</td>
<td>2</td>
<td>8.28</td>
<td>1116</td>
<td>19.31</td>
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<tr>
<td>Not Reportable</td>
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<td>8.28</td>
<td>129</td>
<td>2.23</td>
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<tr>
<td>Pathogenic E.coli</td>
<td>21</td>
<td>86.91</td>
<td>2176</td>
<td>37.66</td>
</tr>
<tr>
<td>Pertussis</td>
<td>9</td>
<td>37.25</td>
<td>7660</td>
<td>132.56</td>
</tr>
<tr>
<td>Psittacosis</td>
<td>1</td>
<td>4.14</td>
<td>20</td>
<td>0.35</td>
</tr>
<tr>
<td>Salmonellosis</td>
<td>6</td>
<td>24.83</td>
<td>1043</td>
<td>18.05</td>
</tr>
<tr>
<td>Shigellosis</td>
<td>2</td>
<td>8.28</td>
<td>162</td>
<td>2.80</td>
</tr>
<tr>
<td>Other invasive strep</td>
<td>4</td>
<td>16.55</td>
<td>146</td>
<td>2.53</td>
</tr>
<tr>
<td>Strep Pnuemonie</td>
<td>4</td>
<td>16.55</td>
<td>567</td>
<td>9.81</td>
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<tr>
<td>Syphilis</td>
<td>2</td>
<td>8.28</td>
<td>1817</td>
<td>31.44</td>
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<tr>
<td>Tuberculosis</td>
<td>1</td>
<td>4.14</td>
<td>200</td>
<td>3.46</td>
</tr>
<tr>
<td>Latent TB</td>
<td>2</td>
<td>8.28</td>
<td>2539</td>
<td>43.94</td>
</tr>
<tr>
<td>Varicella (Chickenpox)</td>
<td>7</td>
<td>28.97</td>
<td>1593</td>
<td>27.57</td>
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<tr>
<td>Yersinia</td>
<td>1</td>
<td>4.14</td>
<td>86</td>
<td>1.49</td>
</tr>
</tbody>
</table>

* Annual population data not yet available. Report generated using most recent data available (2016)
**HIV Partner Follow-up**
Winnebago County provides Partner Services for our county. The program is designed to assure HIV positive persons are linked to care and services. Partner services also assists them to identify and notify sexual and needle sharing partners of possible exposure and get them tested. Winnebago County Health Department offers partner services for Winnebago, Waushara, and Marquette counties.

Winnebago County also provides counseling and testing for HIV. They offer HIV testing and counseling with test results in 20 minutes to high-risk individuals. The goal is to educate, test, and link to resources. High-risk individuals include men who have sex with men (MSM), intravenous drug users (IDU), and high-risk heterosexuals, including opposite sex partners of people with HIV disease and/or history of recreational injection drug use, or women who have male sexual partners who have had sex with men. This is not county specific. Winnebago County will test anyone that comes to them.

During 2016, 221 new cases of HIV were diagnosed in Wisconsin. This is the most recent data from the state annual report. According to the Wisconsin HIV/AIDS Annual Report, at the end of 2016 6,923 individuals in Wisconsin are listed as living with HIV/AIDS. The surveillance report, between 2009 and 2016, shows that the number of new diagnosed HIV/AIDS is down. Overall, there are increased diagnosed cases in men under the age of 30, 80% are attributed to male-to-male sexual contact. The HIV diagnosis rate is 11th lowest in Wisconsin amongst all states. New cases disproportionately affect racial and ethnic minorities.

Winnebago County did not need to provide any HIV follow-up for us in 2017 or 2018. The Wisconsin statistics indicate that there are 15 or less residents living with HIV in our county. This [link](#) shows county specific data from 1982-2016. In 2018, this is still the most up to date comprehensive data on HIV in Waushara County.

**Environmental Health**
Waushara County Health Department handles a variety of public health nuisance and human health hazard complaints. The department investigates unfit housing and infestations, provides lead risk assessments and investigations of homes with at-risk children, and follows-up on animal bite cases for the rabies control program. The department is also a source of information about environmental health concerns, including drinking water quality, indoor radon, and vector-related diseases such as Lyme and West Nile Virus. In addition, Waushara County Health Department, as part of the Tri-County Environmental Health Consortium with Green Lake and Marquette Counties, acts as an agent for the state in licensing and inspecting food and recreational facilities. Several environmental health program activities are highlighted here.

**Rabies**
Waushara County Health Department is a source of information about rabies and animal bite response. The health department receives bite reports and quarantine orders issued by local law enforcement. Environmental health staff review the documents and follow up with animal owners and bite victims, as needed.

Waushara County Health Department received 57 reports of dog and cat to human bite incidents in 2018, and in 49 of these cases, the animal was quarantined and examined for
behavioral indications of rabies. Four cats, a bat and a muskrat were euthanized and tested for rabies. Two dogs had to complete a 60-day quarantine period for interactions with a bat, which could not be collected for testing. There were no confirmed animal rabies cases in Waushara County in 2018.

*Human Health Hazard Control*

Waushara County Health Department works with complainants and responsible parties to resolve human health hazards under Waushara County ordinances. Complaints involving hazards not regulated by county ordinance are referred to other government agencies, as needed.

Waushara County received 40 health hazard complaints in 2018. Of these complaints, four were referred to other agencies, three were mold-related, four were vermin complaints and five were garbage complaints and the remaining 24 were unfit dwellings involving dilapidation, infestation, or lack of functioning heating system, potable water, or sanitary system.

*Lead*

Waushara County Health Department continues to strive to educate community members on the dangers of lead exposure for children under the age of 6 years of age. We have done this with newspaper articles and this year we ran a social media campaign for Childhood Lead Poisoning prevention week by having daily posts on our social media accounts.

Our department developed a procedure for the management of EBL children. This consists of sending results of tests completed through the WIC office to the family. Families with a child whose been found to have a blood lead between 3-4 mcg/dl are sent educational material to make them aware of the dangers of lead. Primary Care Provider lead testing results of 3-4 mcg/dl are also handled with the same procedure.

Families with children who are 5-9 mcg/dl with a capillary blood test are contacted and asked to take their child to their primary provider to be re-tested for lead with a venous draw to confirm the results. They are sent educational material and offered a home visit from a nurse to discuss lead and try to identify possible exposure. The family is contacted with the results of the venous draw.

Families with a child whose capillary result is 10-20 mcg/dl are instructed to have the child re-tested with a venous draw at their primary provider and that provider is contacted with the request from the PH nurse. A home visit is scheduled if the parents are consenting, to educate and look for possible sources of lead contact. Parents are also instructed to have the child re-tested in 3 months and informed on the importance of bringing the lead level down. Thorough education is provided on cleaning, diet and hand washing. Once the results of the retest are received, the family is contacted with those results.

Families whose children have 2 consecutive 15-19 mcg/dl results or one 20 mcg/dl or greater result will have a home lead risk assessment with orders written along with education. These children will be case managed in accordance with the WI State Childhood Lead Program protocol.
As in past years, WCHD has seen a decrease in the number of children being tested by WIC. This is a decision made at the WIC office. When WIC has blood lead samples, health department staff picks up the samples and prepares them for shipment. WCHD also provides WIC with supplies needed for sampling.

WCHD has requested the State Lead program to send a hard copy of all primary care provider lead testing results to the PH nurse for review and possible follow up as needed. This request was made with the new system implementation and the discontinuation of Stellar.

In the past, WCHD was very involved with UMOS (United Migrant Opportunity Service) to do physicals that included blood lead testing on children enrolled in the Migrant Head Start programs. The past two years Family Health/La Clinica provided this service. We have seen the blood lead testing results coming through on the new system from the state.

In 2018, WCHD sent five letters to families with children in the 3-4 mcg/dl range. There have been no children with a high blood lead level identified in the county to date. As you can see from the chart below, Waushara County continues to have a lower rate of incidence of lead poisoned children than most of the surrounding counties and much lower than WI as a whole. The profiles are compiled using 2015 data from children ages 0-5 years of age. It continues to be the intent of the health department to keep the children of Waushara County safe from this very preventable poisoning.

### Percent of children ages 0-5 tested who had a blood lead level of 5 mcg/dL or greater

<table>
<thead>
<tr>
<th>County</th>
<th>Lead Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waushara County</td>
<td>1.0</td>
</tr>
<tr>
<td>Portage County</td>
<td>1.3</td>
</tr>
<tr>
<td>Green Lake County</td>
<td>3.0</td>
</tr>
<tr>
<td>Winnebago County</td>
<td>3.4</td>
</tr>
<tr>
<td>Waupaca County</td>
<td>3.9</td>
</tr>
<tr>
<td>Marquette County</td>
<td>3.9</td>
</tr>
<tr>
<td>Adams County</td>
<td>4.0</td>
</tr>
<tr>
<td>State of Wisconsin</td>
<td>4.6</td>
</tr>
</tbody>
</table>

**Radon**

Waushara County Health Department serves as a Radon Information Center (RIC) for a region of four counties (Waushara, Green Lake, Marquette and Portage). The RIC promotes radon testing and education and offers test kits to residents of these counties.

Waushara County Health Department focuses outreach during National Radon Action Month in January each year. Outreach efforts in January 2018 included media releases to local newspapers and radio stations to increase public awareness about radon and providing radon fact sheets to local grocery stores to add to customer shopping bags. Other outreach occurred during a holiday open house at the Waushara County Health Department, when attendees were offered free test kits and shown the video, *Radon 101*, from the Wisconsin Department of Health Services.
The following chart summarizes radon test results in our four-county region since 2011. We distributed 237 test kits in 2018. About 43 percent of test results in 2018 were at or above the recommended maximum indoor level of 4 picocuries/liter (pCi/L).

Agent Program
Tri-County Environmental Health Consortium is a contract agent for the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP), providing licensing and inspection activities in retail food establishments and recreational facilities. The Tri-County consortium was formed in 2006, by the health departments of Waushara, Green Lake and Marquette Counties. Tri-County regulates about 800 licensed facilities, of which, 276 are located in Waushara County. The following chart summarizes the licensed facilities in the county in 2018.
2018 Outcomes for Agent Program:
The outcomes listed below are based on data reported in the annual self-assessment for the most recent licensing year from July 2017 to June 2018. The outcomes for Waushara, Green Lake and Marquette Counties, include:

- 653 routine inspections were completed
- 87 pre-inspections were completed for new facilities or at change-of-operator
- 37 reinspections were completed
- 6 complaints were received and investigated
- No known foodborne outbreaks were reported.

Temporary Food Events
Tri-County permitted 346 temporary food events in Waushara, Green Lake and Marquette Counties in 2018. Inspections were completed for all food stands at the each county fair. Tri-County offers a food safety class for operators of temporary food events in the spring and has the class available on-line throughout the year. In an effort to promote food safety, Tri-County offers the permit at a reduced cost if at least one class-certified representative is present at all times during the event.

Reinspection Policy
Tri-County developed a reinspection policy for food establishments in 2014. The policy set criteria for the number and type of violations that would require a reinspection and established mandatory fees for reinspections. The goals of the policy were to complete reinspections on a more consistent basis and to gain long-term compliance of violations.

The chart below shows Tri-County's history of reinspections and follow-up visits since 2010. It is apparent that when the reinspection policy was initiated during the 2014-2015 licensing year, the number of reinspections dramatically increased. The chart also shows that the number of follow-up visits that are not charged a fee decreased once the policy was in effect. We hope that the reinspection policy will encourage long-term compliance, and the number of reinspections and follow-up visits will decrease over time. The chart reveals that the number of reinspections have decreased since 2015; however, these numbers were also influenced when we adjusted the reinspection criteria in 2016 and 2018, making the policy more lenient.
**IMMUNIZATIONS**

In 2018, we continued to offer immunizations on a weekly basis in our Wautoma office and throughout the week as walk-in traffic. Immunizations assist in preventing vaccine preventable diseases such as measles, mumps, diphtheria, and many other diseases of childhood and adulthood.

Childhood immunizations are given free of charge to those who qualify. The Vaccine for Children program out of the State of Wisconsin and CDC allow us to serve children who are uninsured, underinsured, American Indian, Native Alaskan and any vaccine during an epidemic that has been approved by DHS such as pertussis free of charge. In 2018, we delivered 1358 vaccines to clients. This does not include the 710 influenza vaccines that were given to adults and children.

The department records and tracks immunizations given to children and adults with the Wisconsin Immunization Registry (WIR) program, an internet based data system available to all Wisconsin counties, schools and medical providers. We also assess the immunization status of our clients. We provided flu shots in the school setting in the fall of 2018 for the fourth year. This was an emergency preparedness initiative as a mass care exercise and a way to offer free flu vaccine to our children. We vaccinated 710 children, which was an increase from 669 in 2017 throughout our schools. Home visits are made to Amish families to encourage immunization in that community.

**Hepatitis B Vaccine**

Hepatitis B vaccines are provided for Waushara County employees who are identified in the county’s blood borne pathogens exposure control plan for their protection on the job. County municipalities that hire new employees also participate in this program. Employers in Waushara County with employees in at-risk positions contract with the health department for this service. Many of our vaccines are given to children with state funding. However, private citizens can request Hepatitis B vaccine and pay on an individual basis. We also provide Hepatitis A to people at high risk or traveling. For adults looking for both, we give Twinrix, a vaccine that is a combination of both Hepatitis B and Hepatitis A.

**Flu Vaccine**

The Health Department offers flu vaccine to county residents. With our influenza vaccine, we continue to serve the Community Based Residential Facilities (CBRFs), many of the elderly, the schools and some businesses but continue to see a decrease in participation rates we believe due to competitors. We provided 923 flu shots. For seasonal flu, the department charged $37.00 per vaccination. The department submits electronically to Medicare and Medicaid.

**Pneumonia Vaccine**

In 2018, the Health Department continued to offer pneumococcal vaccine to county residents which includes PCV13 and PCV23. We vaccinated 19 people. We have vaccinated the bulk of residents in the last two years with the catch up dose of PCV13. All participants were charged $110 for pneumococcal 23 and $186 for PCV13. The agency submits electronically to Medicare and Medicaid.
**Meningococcal Vaccine**

Meningococcal vaccine is now required by law to be offered to incoming college freshman. The vaccine is available in three forms. We offer the vaccine free to all eligible children under the age of 21. In 2018, we gave 12 Meningococcal vaccines through public funding. This vaccine is also available at physician offices and at the individual Universities. It is anticipated that this vaccine will be added to the children’s required vaccines soon. There is a new Meningococcal B vaccine that we now offer that is expected to prevent even more of this deadly disease.

**HPV Vaccine**

HPV (Human papillomavirus) is the common sexually transmitted virus in the US. HPV can cause cervical cancer in women which is the second leading cause of cancer deaths among women around the world. Based on data from 2011 to 2015, about 42,700 HPV-associated cancers occur in the United States each year: about 24,400 among women, and about 18,300 among men.

![HPV Cancer Rates](image)

Cervical cancer is the most common HPV-associated cancer among women, and oropharyngeal cancers (cancers of the back of the throat, including the base of the tongue and tonsils) are the most common among men. The vaccine is available in two forms and offered to eligible children up to the age of 26. In 2018, we gave 9 with public funding.

We launched an HPV immunization campaign in 2017 due to low immunization rates of HPV to adolescents. We did not see a significant change after this campaign. Comments indicate that this is still controversial as it was first initiated to address HPV as a sexually transmitted disease rather than the true concern to decrease cervical cancer rates by vaccinating adolescent males and females.

**Essential Services Number 3: Inform, Educate and Empower People about Health Issues**

Essential Service three includes social marketing, targeted media public health communication and providing accessible health information, resources to reinforce health promotion messages and programs.

**GENERAL HEALTH EDUCATION**

The Health Department has a website and multiple social media accounts that we manage. Our website, [www.wausharacountypublichealth.com](http://www.wausharacountypublichealth.com), includes information about all our
programs, contact information and links to other areas. In 2018, we created an Instagram account. Our Facebook and Twitter pages include upcoming events and general health education for the public on a variety of topics. We also provide education to students in local schools and some community groups. Our staff write newspaper articles throughout the year that are published in the Waushara Argus for the “Waushara County Health News” section. We offer general health education at many community events we participate in including the Waushara County Fair, Fitness Flurry, and the Community Fair put on by the Department of Aging.

CAR SEAT PROGRAM
Children’s safety is a high priority for the Waushara County Health Department (WCHD). We are a rural community, so our children spend a significant amount of time in cars when traveling for services not available in our area. Having a car seat that is the correct size for the child and one that is installed securely is crucial to keeping them safe. WCHD recognizes this and has invested in three staff members being certified car seat technicians.

In 2017, we restructured our car seat program due to lack of outside funding. Funds from the WCHD loan closet are used to supplement the cost of car seats for qualifying families. When a family calls to schedule an appointment, we request a suggested donation of half our cost towards the cars seat. This cost is about $25.00-$30.00 for average seats, with the exception of belt positioning boosters which are at a lower cost, and a bit more for high weight seats which will be about $30.00-$38.00 per seat. This suggested donation is for families that qualify for WIC and/or MA. Families who do not qualify for the reduced cost can still participate in the program but will be asked for our entire cost of the seat, ranging from $30.00 - $75.00 per seat, again with the exception of the belt positioning booster seats. We reserve the right to be flexible in times of great need and/or hardships. Most families are agreeable to this cost sharing. We will continue to monitor the previously used Department of Transportation grant for funding opportunities.

In 2018, WCHD car seat technicians supplied 43 seats to families and did 10 car seat checks on seats that families already owned but needed further assistance. Surveys done with families using the program show the majority of families feel they moderately-significantly gain knowledge and proficiency in the proper use of the car seats. Education remains a vital part of the car seat program and the three certified car seat technicians remain committed to offering knowledge and expertise in child passenger safety.

ORAL HEALTH: FLUORIDE SUPPLEMENTATION GRANT
Fluoride use has been a major factor in the decline of the prevalence and severity of dental caries in the United States. It has been used throughout the world, in the form of tablets, lozenges and liquids, since the 1940’s. Dietary fluoride supplements are intended for use with children between the ages of 6 months and 16 years and are available by prescription. The Health Department’s Medical Director signs a standing order for fluoride supplement dosing and dispensation. These supplements are intended to compensate for fluoride deficient drinking water. The water for the child’s residence must be tested to detect the amount of fluoride prior to receiving supplements. Water test kits are available from the Health Department and the cost of processing at the State Lab of Hygiene is dependent upon the family income. When families have completed the requirements to be in the program, they are able to receive a 4-month supply of fluoride and request refills as needed.
The chart below indicates the number of children receiving fluoride supplements and number of fluoride dispensed in Waushara County from 2014-2018. In 2018, we had three new children receive fluoride.

### Fluoride Supplements

<table>
<thead>
<tr>
<th>Year</th>
<th>Children receiving Fluoride</th>
<th>Fluoride Dispensed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>19</td>
<td>40</td>
</tr>
<tr>
<td>2015</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>2016</td>
<td>26</td>
<td>58</td>
</tr>
<tr>
<td>2017</td>
<td>25</td>
<td>35</td>
</tr>
<tr>
<td>2018</td>
<td>27</td>
<td>52</td>
</tr>
</tbody>
</table>

**ORAL HEALTH: FLUORIDE MOUTH RINSE GRANT PROGRAM IN THE SCHOOLS**

Fluoride mouth rinse is a concentrated solution intended for the daily (home) or weekly (school-based) use. Studies indicate that fluoride mouth rinse reduces tooth decay experience among school children. It is recommended for communities with non-fluoridated water supplies. Currently Waushara County schools in Wild Rose and Plainfield are supplied with fluoride mouth rinse through the Grant, ages 5-12.

The following chart shows the number of children that participated per school in three Waushara County Schools in previous school years. Pleasant View school closed before the start of the 2018-2019 school year.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pleasant View</td>
<td>30</td>
<td>27</td>
<td>0</td>
</tr>
<tr>
<td>Wild Rose</td>
<td>135</td>
<td>143</td>
<td>143</td>
</tr>
<tr>
<td>Tri-County</td>
<td>264</td>
<td>228</td>
<td>248</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>429</strong></td>
<td><strong>398</strong></td>
<td><strong>391</strong></td>
</tr>
</tbody>
</table>

**FLUORIDE VARNISH PROGRAM**

Waushara County offers the Early Childhood Fluoride Varnish program to children in 4K. It can be applied three times a year and reimbursed by Medicaid. For those children who pay privately, we offer a sliding fee scale to cover the cost. We offer this program to Riverview Elementary and at the preschool/4K project at the CAP services building. We have provided this service to 33 children at HeadStart and 47 in 4K for a total of 80 compared to 94 in 2017. An average of three applications per year is standard for the fluoride varnish. The Amish communities do not participate in the Fluoride Varnish Program.
BIKE HELMET/BIKE SAFETY
In 2008, WCHD started a bike safety program that included a bike rodeo and a bike helmet giveaway to children in 2nd, 3rd and 4th grades in all public and private schools within Waushara County. This was funded with MCH grant monies. The following year (2009) until present it has been offered to all 2nd grade children.

Funding has changed over the years. Previously, funding for purchasing bike helmets was received from the MCH grant for injury prevention. The MCH grant has changed its focus and these funds have not been available for a few years. We have requested and received funds in previous years from school PTO, FVRTAC and Thedacare. In 2018, we received a donation from ThedaCare to cover the cost of the helmets we provided to all 2nd grade students at Tri-County, Wild Rose, Wautoma and Coloma Elementary Schools.

In 2017, WCHD restructured the bike helmet/rodeo event and changed it to a bike helmet/bike safety event. This was done mainly because the bike rodeo portion of the event is very labor intensive requiring many bodies to prepare and carry out the event. The UW nursing students had, for many years, used this event for their main teaching project for the semester. The past 3-4 years this has changed and we do not have their creative planning and physical presence. In 2017, after serious consideration the event was changed to provide in-classroom education only.

In 2018, we continued to provide classroom education. We were also able to provide a small bike rodeo in the Wautoma Schools with the help of high school volunteers, UW Oshkosh nursing students and local law enforcement. Local law enforcement is also monitoring the community and giving out coupons for free ice cream if they are noticing helmet use and/or other safe biking practices.

WCHD believes strongly in the safety of children and continues to provide the educational and bike helmet portions of this program. We continue to look for ways to improve this program. Injury prevention is a priority.

Essential Service Number 4: Mobilize Community Partnerships and Action to Identify and Solve Health Problems

Essential Service 4 involves convening and facilitating community groups in undertaking defined preventative and population focused activities in order to capture the full range of potential resources to solve community health problems.

TOBACCO PREVENTION: FIVE COUNTIES FOR TOBACCO FREE LIVING
Waushara County participates as a member of the Five Counties for Tobacco Free Living, a multi-jurisdictional coalition (MJC) focusing on tobacco prevention. After restructuring at the state level in 2009 (and a 55% cut in funding), the Tobacco Prevention and Control Program created the MJCs by asking local or county coalitions to combine their efforts.

MJCs strategically implement best practice strategies in one community or county at a time rather than throughout the entire multi-jurisdictional area. This strategic implementation
maximizes community and program resources while building a collective and collaborative
effort within the MJC area.

The other four counties represented in *Five Counties for Tobacco Free Living* are Fond du Lac, Green Lake, Marquette and Washington.

As a part of MJC activities in Waushara County, we conduct compliance checks of licensed tobacco retailers each year. Please see the “Wisconsin Wins” program description on page 21-22 for more information.

**FIRST BREATH**
Wisconsin Women's Health Foundation program, First Breath, is a program that promotes smoking cessation for pregnant women. First Breath provides the training, tools, and resources for health care providers to help women remain tobacco free during the pregnancy. This program can help support women to quit smoking, improving her health as well as the health of her baby. The Health Department has one trained provider but had no participants in 2018.

**MCH GRANT: GRADUATED DRIVER LICENSE (GDL)**
In 2018, the Health Department continued safe driving initiatives in collaboration with Children’s Hospital of WI Crossroads to strengthen implementation of the Graduated Driver Licensing law (GDL) to reduce morbidity and mortality rates associated with adolescent driver-related motor vehicle crashes. We conducted an assessment by asking key stakeholders such as Law Enforcement and the Traffic Safety Commission about data that supports the need for GDL awareness. GDL was most likely a factor because it addresses distracted within the law but countywide seeing distracted driving for community members of all ages not only adolescents. Our efforts remained at promoting awareness through discussions at Death Review meetings and by UW-Oshkosh Nursing Students conducting a small campaign to promote distracted driving prevention. This campaign consisted of surveying Wautoma High School students on their knowledge of GDL, afterwards posting distracted driving signs throughout Wautoma, and concluding by performing a post-test survey of students again at Wautoma High School. We will continue to explore this as a project in 2019.

**PROJECT POSITIVE YOUTH DEVELOPMENT**
PPYD is a pro-social approach that engages youth within their communities, schools, organizations, peer groups, and families in a manner that is constructive, enhances youths’ strengths, and promotes positive outcomes, support, leadership, and positive relationships. The PYD program is in its third year of a five-year grant. WCHD facilitates two PPYD programs, Safe Dates and Be Proud! Be Responsible!, at the Wautoma Area School District and Tri-County School District and plans to expand to other parts of the county in 2019. Other components of this grant include: youth-led prevention programming, parent education, and connecting with local healthcare providers.

2018 outcomes:
- Expanded curriculum to Parkside Middle School in Wautoma, 8th grade classes
- Created Penguins4Prevention at Tri-County School in partnership with Human Services AmeriCorps Member, Autumn Powell, and Tri-County Staff, Lara Nugent.
- Five youth attended a Youth Leadership Summit in East Troy, WI and brought back prevention activities to their school
- Established community connection to local faith based organization to implement PATCH for Parents in 2019. This program empowers parents and guardians to support their teens as they begin to manage their own healthcare experiences.
- Met with local healthcare providers to discuss their policies and practices of engaging youth in advocating for their own healthcare. This provides a referral resource to connect youth to reproductive healthcare needs.
- 99 students educated in the Be Proud! Be Responsible! Curriculum
- 141 students educated in Safe Dates Curriculum

Be Proud! Be Responsible! is a six-part curriculum that provides adolescents with the knowledge, motivation and skills necessary to change their behaviors in ways that reduce their risk for HIV, sexually transmitted diseases and pregnancy prevention. Through the Safe Dates curriculum, students learn and discuss the causes of dating violence, how they can help a friend in an abusive relationship, and important prevention techniques.

**Emergency Preparedness**

In 2018, Waushara County Health Department continued to receive funds from The Center for Disease Control Bioterrorism Preparedness Grant. The objective for this grant is to help communities to be better prepared to respond to bioterrorism and man-made and natural disasters by participating in planning efforts at the local, regional and state level.

Waushara County, along with all the counties in the Northeast Region of Wisconsin, collectively pays a preparedness planner to assist with objectives, planning and exercise development. Key activities include training, policy development and planning of a functional or real exercise. We continue to work with our local partners such as LEPC, Local Emergency Planning Committee.

In the fall of 2014, Ebola became a global and national issue. This is not a threat at this time. To be prepared when it returns staff was trained in appropriate Personal Protective Equipment. We are all working with regional Health Care Coalitions, which are a combination of professional agencies, hospitals, EMS, Emergency Management, Public Health, Long Term Care and more working together to plan for catastrophic events. Our Healthcare Emergency Regional Coalition is centralized in the Fox Valley. They have developed a “Go Team” that is trained specifically to respond to the entire region to any emerging disease that requires special personal protective equipment and handling. In 2016, we dealt with Zika and in 2017 an increase in hospitalizations due to Influenza A.

Our Health Care Coalition partners, which include hospitals in the Northeast Region, EMS, Emergency Management, Public Health and long term care, continue to train and prepare for situations like a wide spread power outage, need to evacuate hospitals for any reason and most recently an active shooter. In the fall of 2018, the regional coalition was awarded funds to work on awareness and solutions in regards to the opioid epidemic.
CENTRAL WISCONSIN HEALTH PARTNERSHIP (CWHP)
The Central Wisconsin Health Partnership (CWHP) is a consortium covering a six-county region including Adams, Green Lake, Juneau, Marquette, Waupaca, and Waushara Counties. The partnership includes county human services and public health departments, a Federally Qualified Health Center and other interested healthcare advocates and providers in the region.

In 2015, these partners joined together to collaborate on increasing access for mental health and integrating mental health into the clinical setting. Public Health recognized the mental health needs, but also in analyzing all area Community Health Improvement Plans, noted that we had many more health issues in common, such as poverty and substance abuse.

We brought all the counties’ public health; human services and their respective faith based workers together to discuss poverty and try to start a Thrive Group in our multi-county area. An Economic Summit was convened with 150 participants. The follow up included all public health departments pursuing a regional Community Health Assessment starting late in 2015 which was completed in 2016.

The CWHP public health staff all completed a combined Community Health Improvement Plan (CHIP). The CWHP group as a whole is dedicated to seeking partnerships and funding to work toward improvement of collective issues. In 2018, CWHP was awarded a multi-year grant to improve Health Equity in all six counties. If interested in more information about CWHP please see their website http://www.cwhpartnership.org/

SKIN CANCER SCREENING
We collaborated with Dr. Steffes, Dermatologist at Agnesian HealthCare, for our 7th annual Skin Cancer Screening. This free service is offered to all Waushara County residents and those living in the surrounding area. In 2018, 29 individuals were screened and 4 were sent on for referrals.

NEWIC (NORTHEAST WISCONSIN IMMUNIZATION COALITION)
NEWIC is a coalition of health professionals that meet quarterly with the common interest and goal of increasing immunization rates in their communities and eliminating vaccine preventable diseases. It is made up of organizations from the NE WI Region representing health departments, health systems, hospitals, pharmacies, vaccine company representatives and schools.

NEWIC continues to voice the importance of working towards education and increasing the immunization rates of children and in particular the adolescence population. The meetings are designed to share information and updates on vaccines and give time to discuss issues surrounding vaccine compliance. In 2018, NEWIC sponsored the Immunization Update Symposium, which was held in De Pere, WI and attended by WCHD nursing staff.

FVRTAC (FOX VALLEY REGIONAL TRAUMA ADVISORY COUNCIL)
FVRTAC is made up of healthcare professionals, EMS, hospitals, health care systems and public health agencies within the Fox Valley region. This includes Calumet, Fond du Lac, Green Lake, Outagamie, Shawano, Waupaca, Waushara and Winnebago counties. FVRTAC’s purpose is to organize and improve trauma care, including but not limited to acute trauma,
injury prevention, training and education. Waushara County Health Department is a member of this organization and is active on the injury prevention subcommittee. FVRTAC has funds available for injury prevention programs and in the past, we received funding toward bike helmet and car seats for injury prevention.

**Prevention Council: Healthy Communities Healthy Youth**

Public health staff collaborates with members of other agencies and community members on prevention activities that focus on drugs, alcohol, poverty and other issues of concern in Waushara County.

Several members of this committee attend the North Woods Coalition. Activities that have been done jointly include the drug disposal program and the Healthy Babies conference. We are increasing our efforts on the opioid abuse epidemic. In 2018, we offered our first public Narcan training.

**Wellness Committee/Wautoma School System**

The school nurse for the Wautoma School System and our health educator sit on the Wellness Committee and participate in the planning and participation of the Fitness Flurry, an event for the community to offer free fitness activities and healthy nutrition options for families in the community.

**Healthy Babies Coalition**

The Health Department is an active participant on the Healthy Babies Coalition. Annually, there is a workshop related to improving the health and wellbeing of children and families. It is well attended from many public health and other related fields throughout Wisconsin. In 2018, the Healthy Babies Coalition invited Dr. Dipesh Navsaria, MPH, MSLIS, a community Pediatrician and Assistant Professor of Pediatrics at the University of Wisconsin School of Medicine and Public Health to speak about the effects of trauma on a child’s brain development. This event was well attended by community members and professionals.

**Essential Service Number 5: Develop Policies and Plans that Support Individual and Community Health Efforts**

Essential Service 5 involves providing leadership for systemic community and state level planning for health improvement; development and tracking of measurable health objectives as a part of continuous quality improvement strategies and development of codes, regulations and legislation to guide the practice of public health.

**Health Department Strategic Plan**

The agency has completed strategic planning three times. Our most recent Strategic Plan was revised, completed and adopted by the Board of Health in 2018. This Strategic Plan is in effect from 2018-2022.

The Health Department updated the Vision and Mission Statements. All staff have a card with those statements on it and our core values so we learn to live this plan. We updated our Core Values and did a stakeholder analysis, along with a SWOT analysis. With this information and our CHA and CHIP, we formulated a plan that includes three main goals.
There are active workgroups working on all three goals. Annually progress on the plan is documented and reviewed with all staff and the Board of Health.

- The first goal is collaboration. We want to build on and strengthen our collaborations to improve health outcomes. Initially we are identifying the collaborations we have with co-workers and stakeholders to come up with strategies to strengthen or increase those ties.

- The second goal is communication. We want to improve communication throughout the department and county. We strive to provide the public with relevant health information and made resident aware of what the department can do for them and how they can get involved in community projects.

- The third goal is capacity. We need to maximize our workforce and funding opportunities. Our department staff are very well trained. We need to continue this practice due to the wide variety of issues we deal with. To retain this well trained workforce they need to be satisfied with their jobs. As the public health workforce grows older, we need a clear succession plan to continue to offer excellent service. Lastly, funding for public health has decreased in amount from reliable federal and state funding to private and public grant opportunities increasing. We need to be more expert at planning based on CHIP to seeking out and writing expert grant applications.

**COMMUNICATIONS TEAM**

The department has a communications team that started as a result of our 2014-2017 Strategic Plan. The goal of the communications team is to brand the image of the of the health department as a leader in public health. The team assists in providing regular, timely and effective health information to the public in a culturally competent manner. Some of our major projects have been the Waushara County Fair departmental booth, customer satisfaction surveys, social media, and our annual Health Department Open House.

On December 6th, we held our 2nd annual open house. This year marked the department’s 80th birthday, which was the theme for the open house. We did a wide variety of marketing to get people to this event. The top ten public health achievements of the 20th century were a highlight of the event. UW-Oshkosh nursing students created a timeline of public health events and achievements from 1938-present. We also had informational booths on programs we offer such as dental sealants, blood pressure clinic, immunizations, Reproductive Health clinic, lead poisoning response, loan closet, car seat program, environmental health with safe food handling and hand washing, plus information on our fluoride program and emergency preparedness. We gave out a variety of health related freebies and had a drawing for prizes. We had 26 participants.

**QUALITY IMPROVEMENT (QI) TEAM**

The Quality Improvement Team met monthly in 2018 to carry out our 2016-2019 QI Plan. The team consists of all levels of staff from front desk staff to management. The QI Plan was created to enable WCHD to more effectively achieve its stated mission: Working with the community to promote wellness, improve health, and ensure environmental safety.
Annually, the department assesses our QI culture and continually seeking improvements. This year we used National Association of County & City Health Officers (NACCHO)’s Roadmap to a Culture of Quality Improvement, which consists of 6 phases. The 6 phases range from no knowledge of QI (phase 1) to QI culture (phase 6). Throughout the year, we worked to improve our culture and are successfully at a phase 5 in all categories. To be at this level part of our responsibilities were to create a QI policy and procedure which has been completed. In 2019, we will be striving to achieve phase 6 in at least one category. See the website for further descriptions on categories and phases: QI Roadmap Phases of a Culture of Quality.

There are many benefits of integrating a quality improvement culture into the daily operations of a health department:

- Improved health outcomes that involve both process outcomes and health outcomes
- Improved efficiency of managerial and clinical processes.
- Avoided costs associated with process failures, errors, and poor outcomes.
- Proactive processes that recognize and solve problems before they occur ensure that systems and processes are reliable and predictable. A culture of improvement frequently develops in an organization that is committed to quality, because errors are reported and addressed.
- Improved communication with resources which are internal and external to an organization. A commitment to quality shines a positive light on an organization, which may result in an increase of partnership.

When an organization implements an effective QI program, the result can be a balance of quality and efficiency in its achievement of organizational goals.

**Performance Management (PM) Tracking System**

It is the goal of the Waushara County Health Department to develop and maintain a performance management system. The system involves the ongoing use of performance standards and measures, reporting of progress, and quality improvement principles.

The PM Log, or tracking system, includes participation from various WCHD programs. This ensures an agency wide investment and focus on performance management to pursue the strategies and goals as associated with the Community Health Improvement Plan, Strategic Plan, and Quality Improvement Plan.

There are many benefits of integrating a comprehensive performance management system into the daily operations of a health department:

- Better return and use of dollars invested in public health
- Greater accountability of funding and an increase in the public’s trust
- Reduced duplication
- Better understanding of accomplishments and priorities among stakeholders (employees, partners, the public)
- Increased emphasis on quality vs. quantity
- More efficient and effective problem solving

Performance management practices have been shown to measurably improve public health outcomes, and create efficiencies working with partners. Performance management
practices can also be used to allocate resources, prioritize programs, change policies to meet goals, and improve the overall quality of public health practice. Annually the tracking system is presented to the Board of Health.

**Essential Service 6: Enforce Laws and Regulations That Protect Health and Safety**

Essential Service 6 includes enforcement of sanitary codes, especially in the food industry, drinking water, clean air and human health hazards.

**Tri-County Environmental Health**

We highlighted the Environmental Health program, Tri-County Environmental, which covers Waushara, Green Lake and Marquette Counties. Waushara County is the fiscal agent for the program, hires the staff and places them in all three counties. We are agent of the state to DATCP (Department of Agriculture, Trade and Consumer Protection) for enforcement of codes in food and recreational licensing. We have been an agent of the state since 2006.

**Wisconsin Wins**

The Wisconsin Wins (WI Wins) campaign is a science-based, state-level initiative designed to decrease youth access to tobacco products. WI Wins was launched in the spring of 2002 as part of a comprehensive approach to preventing youth access to tobacco. The Wisconsin Department of Health Services contracts with local partners to conduct investigations to establish retailer compliance with the law. Local initiatives also include retailer education and training, media outreach, and community education.

WI Wins uses positive reinforcement to reduce illegal tobacco sales to minors. It congratulates local clerks who do not sell tobacco to youth, and provides education and resources to the licensed retailers who make illegal sales to minors. This approach creates community pride by reducing youth access to tobacco products and providing youth a chance to make a difference in their community.

**2018 Contract Objectives and Outreach Activities:**

- Plan and coordinate 29 compliance checks throughout Waushara County
  - Actively involve municipal or county level law enforcement agencies in collaborative efforts with all Wisconsin Wins tobacco compliance checks

- Provide Outreach and Education to Local and State Stakeholders
  - Complete 5 Public outreach activities
  - Complete 4 Media outreach activities

**Common Themes:**

- In 2 out of 3 cases where sales took place, the clerk did not check the minor’s ID
- In all three cases where sales took place, a citation was issued
- The majority of retailers have a visible sign stating “No Sales to Minors”
Compliance Check Locations:
Special shout out to Wild Rose and Plainfield retailers with zero sales!

<table>
<thead>
<tr>
<th>City</th>
<th>Number of Completed Checks</th>
<th>Number of Sales to Minors</th>
<th>Citation or Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wautoma</td>
<td>9</td>
<td>1</td>
<td>Citation; $200.50</td>
</tr>
<tr>
<td>Wild Rose</td>
<td>7</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Redgranite</td>
<td>5</td>
<td>1</td>
<td>Citation; $200.50</td>
</tr>
<tr>
<td>Coloma</td>
<td>4</td>
<td>1</td>
<td>Citation; $200.50</td>
</tr>
<tr>
<td>Plainfield</td>
<td>4</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Essential Service 7: Link People to Needed Personal Health Services**

Essential Service 7 involves ensuring entry for disadvantaged people into clinical care, linkage to services for special needs populations and high-risk groups.

**Wisconsin Well Women Program**

The goals of the Well Women Program are to improve access to preventive health services and eliminate preventable death and disability from breast and cervical cancer. The program provides uninsured women 45-64 years of age mammograms, pap tests, certain other health screenings, and multiple sclerosis testing for women with high-risk signs.

Waushara County, Marquette County and Green Lake County used to work collaboratively to hire a coordinator for the Wisconsin Well Woman Program in the three counties. As of 2015, due to the Affordable Care Act, and the decrease in the need for the program, but not the elimination of the need, it was coordinated from a central point for nine counties.

The Coordinator, Susan Garcia-Franz, is bilingual and works out of the Winnebago County Health Department. She reports out to our county partners at our Partner Meeting, which occurs at Cap Services 4-5 times per year. For additional information about this report, please visit the WWP website at [www.winnebagopublichealth.org](http://www.winnebagopublichealth.org).
The following chart shows the caseload for 2018, results of screening and trends from 2016-2018, and reasons for discontinued use of Well Women Program services.

### Caseload for 2018:

<table>
<thead>
<tr>
<th>Enrolled</th>
<th>Termined</th>
<th>Breast Screens</th>
<th>Cervical Screens</th>
</tr>
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<tbody>
<tr>
<td>25</td>
<td>7</td>
<td>13</td>
<td>2</td>
</tr>
</tbody>
</table>

### Results of Screening:

<table>
<thead>
<tr>
<th></th>
<th>Breast Screens</th>
<th>Abnormal Breast Results</th>
<th>Diagnosed Breast Cancer</th>
<th>Cervical Screens</th>
<th>Abnormal Cervical Results</th>
<th>Diagnosed Cervical Cancer</th>
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<tbody>
<tr>
<td>2018</td>
<td>13</td>
<td>2</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2017</td>
<td>19</td>
<td>4</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2016</td>
<td>14</td>
<td>1</td>
<td>0</td>
<td>1</td>
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</tr>
</tbody>
</table>

### Trends:

<table>
<thead>
<tr>
<th></th>
<th>Enrolled</th>
<th>Breast Screens</th>
<th>*Rate of breast cancer (per 100)</th>
<th>Cervical Screens</th>
<th>*Rate of Cervical Cancers (per 100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>25</td>
<td>13</td>
<td>0.00</td>
<td>2</td>
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<tr>
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<td>0.00</td>
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<tr>
<td>2016</td>
<td>26</td>
<td>14</td>
<td>0.00</td>
<td>1</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Reason FOR DISCONTINUED USE OF WWWP:**

Total Discontinued = 7

Lost to follow-up - 4
Refused - 0
Moved/Referred out - 1
Ineligible - 2
Deceased - 0

### Reproductive Health

Waushara County Health Department is an independent basic dual protection clinic. Services include STD/STI testing, pregnancy testing, emergency contraception, birth control options and sexual health education. Everyone is eligible and will be assisted with program enrollments as needed. Clients are referred to Public Health Nursing, WIC, Human Services and private medical practitioners for further needs from this program.

We participated in the GYT (Get Yourself Tested) program in 2018. With this program, we provided an educational campaign with a community partner, the Moose Inn, during volleyball tournaments in regards to STIs and where to be tested. We did a social media campaign and put ads in papers and one on the radio. We provided clinics after hours to decrease barriers to residents. We will continue to provide services under Title V funding but are disappointed in the number of clients seen since our clinic became independent in July of 2017.

### Mental Health Services

The Waushara County Health Department contracts nursing services four and one-half days per week to Waushara County Human Services for their mental health programs. More specifically these programs are Community Support Program (CSP), Comprehensive Community Services (CCS) and Outpatient psychiatric mental health services. In addition,
supportive services are provided to Dr. Hodulik’s clients on an as needed basis. He travels from Madison twice monthly to serve the adolescent population in Waushara County. The Community Support Program (CSP) provides ongoing case management services to persons with severe, persistent, and disabling mental health issues. CSP offers ongoing case management, psychiatric, and nursing services to help consumers remain independent in their homes and out of the hospital. The Comprehensive Community Support (CCS) program is one way the CWHP regional consortia. The program offers a flexible array of services to children and adults who have mental health and/or substance abuse issues and need ongoing services beyond occasional outpatient care.

Some of the Nursing services provided include symptom and medication management, administration of medication, oral and/or injectable as ordered by physician, attending appointments with Psychiatrist, and education regarding diagnosis and medication. There is also collaboration with pharmacies regarding medication, and local medical providers regarding coordination of care. This list is by no means all-inclusive and services are individualized depending on the consumer’s needs. Ongoing evaluation of outpatient services is done to maximize consumers served.

Dr. Patel who has been treating patients in Waushara County since 1996 announced her resignation effective January 31, 2019. Waushara County Human Services will be transitioning to Telehealth to serve the community’s mental health needs.

2018 Outcomes
1. As the RN on the CSP team, nursing services were available to 26 clients. Consumers who did not meet criteria for a specific program were also seen for medication monitoring and injections on an as needed basis.
2. Beginning in November became part of the transition team for telehealth.
3. Participated in recertification from State of Wisconsin for CSP/CCS and Outpatient services.

**PUBLIC HEALTH VISITS TO MOTHERS AND CHILDREN**
The purpose of this program is to promote infant growth and development, prevent injuries and premature disability. The Public Health Nurse provides health information and physical and developmental assessments of new mothers and infants. Families that are referred by local hospitals are contacted by telephone or letter and are offered a home visit, car seat check, and resources as needed. In 2018, 44 families were contacted.

**MOTHERS & CHILDREN**
Waushara County had 185 births in 2018. That is a slight decrease from 2017 of 216 births. The birth rate tends to be 215-230 per year. There were 65 first time births. There were 19 home births, mostly to Amish families.

We had 34 women who admitted to smoking during pregnancy. This accounts for 18% of the total mothers that gave birth. We have had this as an ongoing issue in Waushara County. The Wisconsin State PRAMS most recent data from 2011 indicates that in Wisconsin 14% of pregnant women smoked, 5.8% were exposed to secondhand smoke and 38% were receiving WIC while pregnant. Women receiving WIC while pregnant in 2018 was 30% a small increase from 29% in 2017.
**Office Clinics**

We provide an office clinic two afternoons per week at which time Waushara County residents may come to the agency for the following services: blood sugar checks, blood pressure checks, weight check, TB testing, health counseling and education, diet teaching, hearing and vision screening and immunizations with doctors’ orders. Appointments are encouraged but walk-ins are accepted. With the changes due to the Affordable Care Act and 317 funding in Wisconsin for immunizations our clinic hours decreased in the fall of 2012. However, we have a staff nurse on-call at all times each working day to take calls and walk-ins to meet residents’ health care needs.

**Prenatal Care Coordination (PNCC)**

PNCC is a Medicaid benefit that helps high-risk pregnant women get the support and services they need to have a healthy baby outcome. Clients receive education on several topics including nutrition, breastfeeding, and labor and delivery. Services include healthcare access, WIC referrals, and connecting the Client to community resources. The department has one PNCC provider who also actively participates in the PNCC Northeast Regional Meetings. Statewide, there has been a decrease in referrals and participants in this program. Quality improvement projects and outreach efforts have been completed. Overall, participation continues to be a challenge. Following an informal cost analysis of PNCC, the Health Department has decided to discontinue PNCC services and billing but instead provide a community pregnancy outreach starting in 2019. A Public Health Nurse is still available to meet with pregnant women as needed for education and resources.

**Targeted Case Management (TCM)**

Waushara County Health Department offers Targeted Case Management to targeted populations such as Children with Special Health Care Needs, families with a child at-risk of mental, physical, or emotional dysfunction, and children whose mothers qualified for the Prenatal Care Cooperation Program. We help these individuals gain access to and successfully navigate the health care and social services system. Case management providers conduct a comprehensive assessment of the individual’s strengths and needs, develop an individualized plan of care, and provide ongoing monitoring and follow-up services. Similar to PNCC, participation in this program is a challenge. The department has discontinued this program and will refer any future participants to other services in the county such as Birth to Three and Early Head Start.

**Healthcheck**

The public health staff provides physical examinations, height and weight checks, vaccinations, test for anemia, blood lead tests, vision and hearing screenings, nutrition assessments, health counseling to parents and adolescents, and referrals to other health care providers if so needed, to individuals from birth to age twenty-one (21) who receive Medical Assistance/Badgercare.

**Loan Closet**

The agency provides residents of Waushara County durable medical equipment such as walkers, commodes and wheelchairs, on an as-needed basis, with minimal monthly rental charges. If a family is unable to provide the rental charges, the Director of the agency may waive the requirement to pay or use the sliding fee scale to offer an individual economic fee. In 2018, we served 39 people with equipment. We have a plan to refresh/replace vital equipment each year with the proceeds. The loan closet is funded on fees and donations.
FOOT CARE PROGRAM

Foot care continues to be a very popular and needed service in Waushara County. Podiatry services are limited and often too expensive for routine toenail care for many elderly county residents who live on a fixed income. Wild Rose Manor offers foot care one time a month on a first come first serve basis. Some clients have chosen to switch to this service because the cost is a $5.00 donation. In early 2018, a nurse started a foot care clinic at the Wautoma meal site, which runs once a month by appointment for a fee of $27.00. WCHD continues to receive calls requesting foot care service and currently has no waiting list.

Below is a chart that shows the number of clients for the past 10 years along with the number of visits:

![Public Health Foot Care Chart]

Client age range is 62 – 96 years of age in 2018. We had 68 active clients at the end of 2018 that accounted for a total of 356 visits. Of the 68 clients, 18 are diabetic. In addition, 20 clients discontinued WCHD foot care services in 2018 due to moving out of county, relocating to assisted living and/or death. The average number of visits per person is 6 per year; actual range is 1-11 visits per year. According to 2016 US Census report 23.1% of Waushara County residents are 65 years and older, well above the WI State average of 15.2%.

BLOOD PRESSURE CLINICS

On alternating months, the public health technician conducts on-site blood pressure clinics in area communities. The communities served are Redgranite, Plainfield, Coloma, Hancock, Wild Rose, Saxeville and Poy Sippi. The clinics take place at the Senior Meal Sites from 11:30 to noon. There is an average of 5-10 participants at each clinic offered. In 2018, we took 244 blood pressures and referred 11 to their medical provider for follow-up. We also offer free blood pressure screenings at the Health Department. We have increased the number screened from last year by advertising at the dining sites and on social media. We also created more flyers and handouts for the public. Educational materials are provided at each clinic.
**DRUG DISPOSAL**

Waushara County Health Department collaborates with the Sheriff’s Department and Human Services to offer a drug disposal program. Community members are able to dispose of their unused prescription and over the counter medications in a drug receptacle located in the Wautoma Jail lobby.

Twice a year Waushara County provides a drug drop off day in an outlying community for two hours on a Saturday. The program is designed to curb prescription drug abuse and prevent contamination of the Great Lakes. The table below shows the history of the month, place and number of pounds of drugs collected. These drugs are then transported to a state location where the DEA or DOJ collects the entire state project and completes the final disposal transport. In 2018, 404 pounds of drugs were collected.

<table>
<thead>
<tr>
<th>Drug Take Back</th>
<th>Year</th>
<th>Location</th>
<th>Pounds Collected</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>April, 2013</td>
<td>Hancock</td>
<td>169</td>
</tr>
<tr>
<td></td>
<td>October, 2013</td>
<td>Saxeville</td>
<td>146.5</td>
</tr>
<tr>
<td></td>
<td>April, 2014</td>
<td>Wild Rose</td>
<td>154</td>
</tr>
<tr>
<td></td>
<td>September, 2014</td>
<td>Coloma</td>
<td>165</td>
</tr>
<tr>
<td></td>
<td>May, 2015</td>
<td>Wautoma</td>
<td>236</td>
</tr>
<tr>
<td></td>
<td>October, 2015</td>
<td>Poy Sippi</td>
<td>154</td>
</tr>
<tr>
<td></td>
<td>April, 2016</td>
<td>Hancock</td>
<td>212.5</td>
</tr>
<tr>
<td></td>
<td>October, 2016</td>
<td>Wautoma</td>
<td>237</td>
</tr>
<tr>
<td></td>
<td>April, 2017</td>
<td>Redgranite</td>
<td>171.5</td>
</tr>
<tr>
<td></td>
<td>October, 2017</td>
<td>Hancock</td>
<td>208</td>
</tr>
<tr>
<td></td>
<td>April, 2018</td>
<td>Redgranite</td>
<td>192</td>
</tr>
<tr>
<td></td>
<td>October, 2018</td>
<td>Wild Rose</td>
<td>212</td>
</tr>
</tbody>
</table>

**SCHOOL HEALTH**

Tri-County, Wild Rose, and Wautoma School Districts contracted with Waushara County Health Department for school nursing services again in 2018. Stefanie Eldredge, RN, provided school nursing for the Wild Rose School District, Stacey Westphal-Dunn, RN provided school nursing for Tri-County School District, and Cari Pronschinske, RN provided school nursing for Wautoma School District.

In addition to seeing students for injuries and illnesses, school nurses monitor immunizations and educate students and staff on health needs. They develop Individualized Health Care Plans and/or Emergency Care Plans to assist students with medical needs manage academic success. They train staff of various medical procedures as well as assisting school districts with emergency management planning.
HEARING
In 2018, hearing screens were conducted at Tri-County, Wild Rose and Wautoma School Districts to students in EC, 4K, K, 1st and 3rd grade. School nurses, along with the public health technician, public health educator, and volunteers, provided vision and hearing screenings for students per policy. Screenings were also provided to Amish Schools within the county. Referrals are made for further evaluation if needed. In 2018, a total of 668 students were screened. This is an increase from the 599 students that were screened in 2017.

VISION
In 2018 vision screens were conducted at Wautoma School Districts to students in EC, 4K, K, 1st, 3rd, 5th and 7th grade. School nurses, along with the public health tech and volunteers, provide vision screenings for students per policy and Prevent Blindness Guidelines. Referrals are made for further evaluation if needed. The Lions Club, Prevent Blindness and local Optical Centers have assisted school nurses to manage broken or misplaced glasses for students. Tri-County and Wild Rose School Districts have their local Lions club conduct vision screenings with the SPOT Screener. Because of some schools using the camera, our numbers have decreased in the last two years. In 2018, a total of 534 students were screened compared to 590 students screened in 2017.

DEATH REVIEW TEAM
In 2012, Waushara County Health Department, in collaboration with many partners such as the Sheriff’s Department, Human Services, Wild Rose Hospital, Wautoma School District, EMS, DA, Corporation Counsel and the Coroner’s office started a Death Review Team. Death Review Teams are all about prevention and “Keeping Kids Alive”. Death Certificates in Wisconsin are used in a confidential manner to provide statistics on number and cause of death for children and select young adults. This allows a community to respond in a preventative manner whenever possible. The first teams in Wisconsin were implemented in 1993. The goal is to improve child health, safety, and protection and also influence policy and programs. In 2017, the death review team decided to review any elderly death that was deemed suspicious by the county coroner.

The top five causes of death in 2019 were:
1. Cancer (52)
2. Myocardial Infarction (44)
3. Heart Failure (20)
4. Chronic Obstructive Pulmonary Disease (12)
5. Pneumonia and Stroke, tied (7) (7)

WAUSHARA COUNTY INJURY DATA
From 1999-2016 Waushara county had 14 deaths due to unintentional injuries. Number of Emergency Department visits with treatment for any cause of injury from 1999-2016 was 1,752. The Maternal Child Health objectives included distracted driving especially targeted at teens.
**Waushara Shara-Smile (Seal-A-Smile Program)**

Seal-A-Smile is a free dental sealant program that can be found in all 11 public schools and many private schools in Waushara County. The program offers fluoride varnish and dental sealants to eligible children in several grades. Portable dental equipment is taken to each school where dental sealants and varnish are placed by a dental hygienist.

According to Oral Health America, approximately 75 percent of teeth sealed remain cavity free, compared to less than a third of teeth without sealants. The Alliance of Wisconsin administers our Sealant Grant. During 2014-2015, they reported more than 25,000 Wisconsin children received dental sealants throughout the 850 participating schools statewide.

In 2017-2018 School Year:
- 44% on Medical Assistance
- Total Screened: 608
- Special Needs: 107
- Sealants: 305
- Varnish: 575
- Children with untreated caries observed: 131
- Children with urgent dental needs: 9

We see students for varnish and sealants in grades 2, 5 and 7. We see them again in 3rd, 6th, and 8th grade to see if their sealants were retained and if not we place a new sealant on. If any new teeth that can be sealed have come in, we place sealants on them as well. We varnish all students twice per a year. On average, 1-3 students per school have urgent dental needs each year. We now have an MOU with Family Health/La Clinica to get children dental care if in needed in a timely manner.

**Migrant Health**

For many years, the Waushara County Health Department had a contract with the UMOS (United Migrant Opportunity Services) to provide services to their children while they attend the local UMOS day care. They received physicals, blood lead screening, hearing and vision screening, TB testing, immunizations, and many were given fluoride varnish treatments.

In 2016, our contract with UMOS changed. Family Health/La Clinica took on the main contract, providing at site care 6 times and then our agency completes the rest of the physicals needed at the end of the summer and early fall.

**Essential Service 8: Assure a Competent Public and Personal Health Care Workforce**

**Nursing Students**

In 2018, Waushara County Health Department again hosted students from UW-Oshkosh College of Nursing who did their clinical with our agency. The nursing students worked with the agency’s public health nurses and learned about public health nursing by experience. The students do an aggregate project, which benefits the department and the community. On average, we get 6-8 students per semester.
Staff Development Program

Staff development programs at Waushara County are required trainings based on state and federal requirements, grant requirements, individual program certification needs, and training needs and requests of the organization for both general public health and emergency preparedness.

We revised our Workforce Development Policy, which went into effect in January of 2014. This lists all required and requested trainings based on Public Health Competencies, Preparedness Competencies and Capabilities, MCH competencies and required certifications. In 2017, we developed an Ethics Charter and a committee was formed in 2018. The Ethics Charter is part of our new staff orientation materials to be reviewed by all. We discussed the Charter at the 2017 and 2018 all staff mandatory training sessions. The Committee met in December 2018 to review any ethics or equity concerns with two programs. This information is passed along to the committees of those programs to review.

Each staff member puts together an individual training plan based on assessment of public health and preparedness competencies, required trainings for job certifications, and those for professional growth. The plan is reviewed by the supervisor within the first quarter of the year, completed and turned in at the end of the year. All staff training is compiled for audit.

Essential Service 9: Evaluate Effectiveness, Accessibility & Quality of Personal and Population Based Services

Essential Service 9 calls for ongoing evaluation of health programs to assess program effectiveness and to provide information necessary for allocating resources and shaping programs.

Performance Management Plan and Quality Improvement Team

Discussed earlier in the report were the Performance Management plan and the Quality Improvement Team. Both of these pieces are integral in looking at agency programs and data, as well as evaluating outcomes and reshaping future programs.

Local Health Department Accreditation

The Waushara County Health Department was awarded National Accreditation for 5 years on August 17, 2016 by the Public Health Accreditation Board (PHAB). To maintain accreditation throughout the 5-year cycle, an annual report must be prepared. This report addresses issues that PHAB identifies as needing work. At our initial accreditation, there were eight measures that PHAB suggested we work on. After our first year of accreditation, we submitted our annual report, and PHAB felt that we had satisfied seven of the eight measures.

In September of 2018, we completed our second annual report to PHAB. We were notified that we now had satisfied all the measures. We will continue to provide an annual report, which includes information to PHAB about the level of QI Culture we have obtained, we are at 5 out of 6. We also need to report on a QI program, our Performance Management program and any continuous improvement we make. This past year we have increased our quality with the addition of the Ethics Committee and work is starting on Health Equity.
CONSOLIDATED CONTRACT AND STATE GRANT PROGRAM REVIEWS

Every year the State Department of Health Services enters into contracts with local health departments for a package of grant dollars targeting various public health initiatives. These grants are performance based and require attainment of negotiated objectives.

In 2018, WCHD negotiated for funding and objectives for the following programs: Immunizations, Prevention, Lead Poisoning Prevention, Radon, Maternal Child Health, Fluoride and Oral Health, and Local Public Health Preparedness.

Essential Service 10: Research for new insights and innovative solutions to health problems

Essential Service 10 includes continuous linkage with appropriate institutions of higher learning and research.

WISCONSIN PARTNERSHIP PROGRAM - HEALTH EQUITY FOCUS

In February 2018, the Central Wisconsin Health Partnership was selected as a recipient of a Community Collaboration Grant from the Wisconsin Partnership Program (University of Wisconsin School of Medicine and Public Health). This new grant program is designed specifically to strengthen community organizations’ ability to address health inequities through funding as well as training and technical assistance. As a result of the award, in addition to having health equity as an overarching priority area in our Community Health Improvement Plan, it was also added as a fourth health priority in late 2018. We are working with the Wisconsin Partnership Program to design effective, evidence-based strategies to focus on improving health equity in our communities.

HEALTHY WISCONSIN LEADERSHIP INSTITUTE - COMMUNITY TEAMS PROGRAM

Our wellness coalition, REACH Waushara, was selected to be a part of the Healthy Wisconsin Leadership Institute’s (HWLI) Community Teams Program in 2018. HWLI was created in 2005 through a partnership between University of Wisconsin School of Medicine and Public Health’s Wisconsin Partnership Program and the Medical College of Wisconsin’s Advancing a Healthier Wisconsin endowment. Our REACH Waushara team is committing to this program with a focus on increasing the effectiveness of our coalition by increasing our outreach and gathering more input from community residents that are most affected by the issues we are trying to solve.