

CITY OF APPLETON
HEALTH DEPARTMENT



2014 ANNUAL REPORT



MESSAGE FROM THE DIRECTOR

The 2014 Annual Report of the Appleton Health Department provides insight into how we work to prevent people from getting sick or injured in our community. In the narrative you will find examples of how we collaborate with partners to promote wellness by improving health behaviors.

I encourage you to take a closer look at the services your Appleton Health Department provides including how we:

- Respond to and track disease outbreaks like influenza and foodborne illnesses.
- Test for and treat infectious disease like HIV and tuberculosis.
- Inspect farm markets and restaurants and make sure restaurant staff follow safe food handling practices.
- Prepare communities for disease outbreaks, natural disasters, and acts of terrorism, respond if emergencies occur, and lend support throughout the recovery process.
- Ensure healthy babies by supporting first-time parents with in-home education programs and breastfeeding promotion.
- Link people without health insurance to programs to receive healthcare services.
- Inspect gas pumps and measurement devices throughout the community to assure fair trade practices.
- Provide adult and childhood immunizations to prevent illness and the spread of preventable disease.
- Collaborate with partners to measure our communities' health and develop programs to improve health.

In short, public health saves money, improves our quality of life, helps children thrive and reduces human suffering.

Respectfully yours,

Kurt D. Eggebrecht
Health Officer
City of Appleton



Public Health
Prevent. Promote. Protect.

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Note: This document not only represents the activities of the Appleton Health Department for 2014, but also provides trend data comparisons for selected activities. The data for 2014 is compared to rates of disease, numbers of citizens served, and other selected service provided in previous years. Additionally, this report satisfies the requirements set forth in Chapter 251.06 (7) of the Wisconsin Statutes.

HEALTH DEPARTMENT

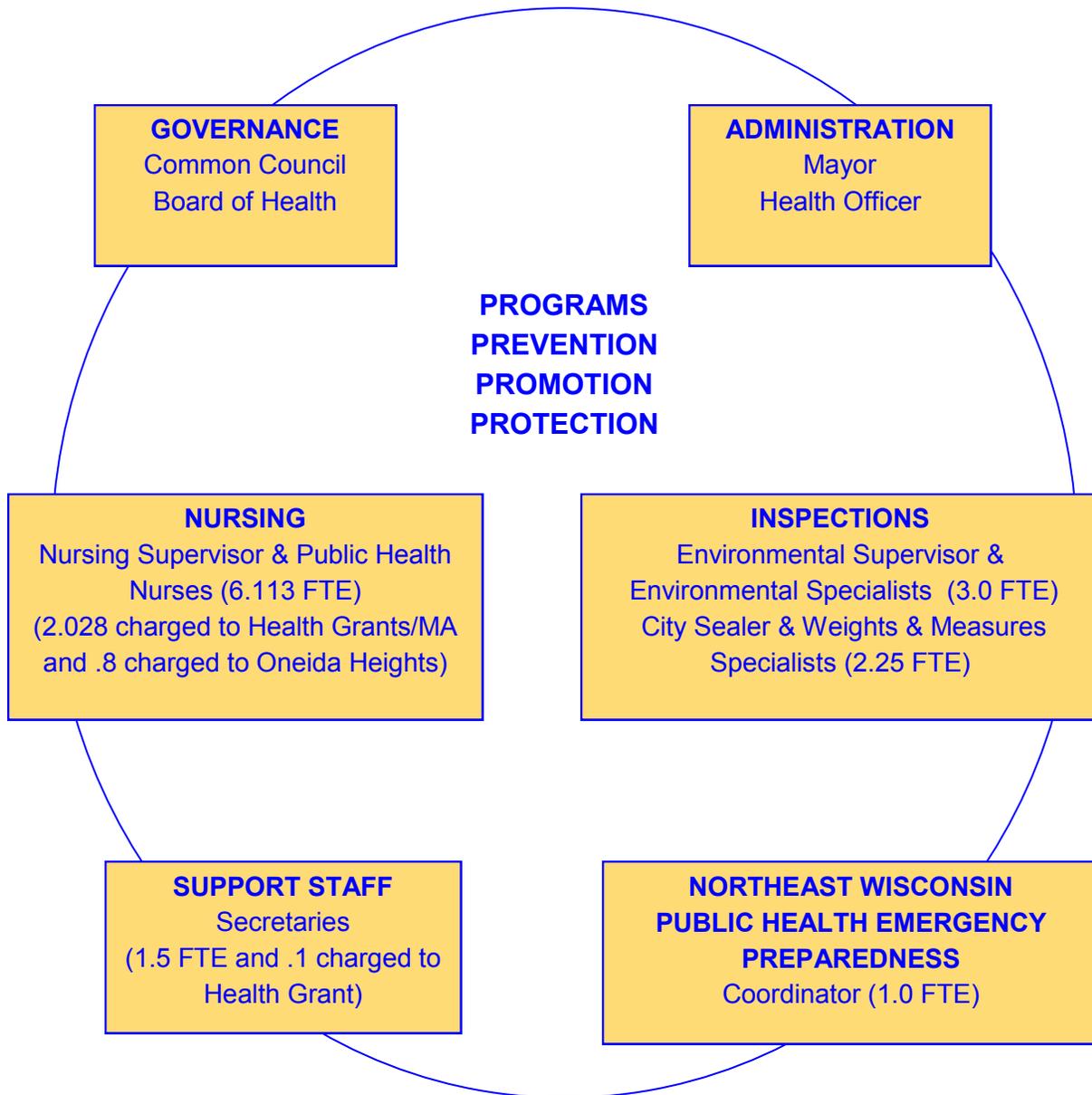
MISSION AND BELIEF STATEMENTS

The Mission of the Appleton Health Department is to safeguard the environment, promote public health, and protect consumers by providing high quality services that are responsive to the needs of the community. Our belief is that prevention is the most effective public health strategy.

- ◆ The Appleton Health Department plays a vital role assessing and assuring the health needs and trade practices in the community.
- ◆ The Appleton Health Department consists of highly motivated and dedicated individuals who provide services to protect and promote the health and well-being of the citizen and consumer.
- ◆ The Appleton Health Department communicates with the public on health and consumer related issues.
- ◆ The Appleton Health Department provides services in a cost effective and efficient manner.
- ◆ The Appleton Health Department develops and evaluates departmental programs, policies, and procedures based on community needs. We collaborate with community agencies and providers to assess those needs and ensure high quality services.
- ◆ The Appleton Health Department has a professional staff that works together as a cohesive team by cooperating, communicating and supporting each other to achieve departmental and individual goals.
- ◆ The Appleton Health Department encourages the individual to share the responsibility for their health and the health of their family.

APPLETON HEALTH DEPARTMENT

TABLE OF ORGANIZATION



ROSTER
BOARD OF HEALTH

Douglas Nelson, D.D.S., Chairperson Alderperson Cathy Spears
Lee Marie Vogel, M.D., Medical Advisor Mayor Timothy Hanna
Sally Mielke, R.N.

PERSONNEL

Administration

Kurt D. Eggebrecht, M.Ed., MCHES, Health Officer

Inspectors

Timothy Mirkes, R.S., Environmental Supervisor
Eric Maggio, City Sealer
Keith Verhagen, Weights & Measures Specialist
James Richter, Part-time Weights & Measures Specialist
Michelle Roberts, R.S., Environmentalist II
Steve Kihl, R.S., Environmentalist II

Public Health Nurses

Sonja Jensen, R.N., Nursing Supervisor
Ann Steele, R.N., PHN
Kristen Eiden, R.N., Part-time PHN
Susan Larson, R. N., Part-time PHN
Becky Lindberg, R.N., Part-time PHN
Jessica Moyle, R.N., Part-time PHN
Tina Pelishek, R.N., Part-time PHN
Trish Schuldes, R.N., Part-time PHN
Kathleen Sprangers, R.N., Part-time PHN
Pam Wampole, R.N., Part-time PHN

Northeast Wisconsin Public Health Emergency Preparedness

Jonathan Lee, Public Health Preparedness Coordinator

Support Staff

Renee Krajna, Secretary IV, Britney Stobbe, Secretary IV, Part-time
Dorene Sense, Part-time Clerical

**City of Appleton
Board of Health**



Douglas Nelson, D.D.S.
Chairperson



Timothy Hanna
Mayor



Lee Marie Vogel, M.D.
Medical Advisor



Sally Mielke, R.N.



Aldersperson
Cathy Spears

HIGHLIGHTS OF 2014

“The Appleton Health Department plays a vital role assessing and assuring the health needs and trade practices in the community.”

February 15th, Weights and Measures Specialist Keith Verhagen made an unannounced visit to the Saturday Indoor Winter Farm Market held at City Center. There were a total of 25 booths. A total of 2,176 items were inspected with only four labeling violations found. Maintaining a strong presence at the market as well as holding yearly Farm Market meetings and scale tests ensures an accurate commercial transaction for the consumer.

During the first week of March, Weights and Measures staff received eight complaints on Badger Avenue Gas located at 1201 North Badger Avenue. Complainants allege they were overcharged for regular unleaded gasoline. Our investigation revealed that the northernmost pump cabinet was clearly labeled with correct signage for regular with ethanol at the lower price and regular no ethanol at the higher price. The roadside sign with rates posted for both products however, was not clear and legible as to the difference in products. This constitutes a violation of Section 100.18 Wisconsin Statutes for misrepresentation. Weights and Measures Specialist Jim Richter met with station owner Charanjit (Charlie) Singh who expressed a desire to come into compliance. Richter worked with the station to change the roadside sign within 14 days to clearly identify each product. A letter was sent and a re-inspection conducted where everything was code compliant and complaints have stopped.



March 26th, a re-inspection of a local gas station, Appleton Citgo, 1717 West College Avenue was conducted by Jim Richter, Weights and Measures Specialist. He detected major violations during the re-inspection which revealed 3 pricing errors (2 overcharges) in a 25 item sample. As the National Price Verification Code tolerance is + or – 2%, the 9% overall error rate found in this inspection is a violation, and indicated problems with the store’s price control system. The store had improved from its first inspection but it still had not taken the necessary steps to avoid errors. A warning letter was sent and a re-inspection was conducted in April where compliance was demonstrated.

On May 7th, Keith Verhagen spoke at the annual Festival Foods Farm Market meeting at the Festival Foods Store located on Northland Avenue. A record number of vendors attended the meeting this year. Information regarding farm market policies was included. Staff also tested 31 farm market vendors’ scales and provided package and labeling approvals. The meeting has become mandatory for all vendors to attend. It provides a great foundation and results in good compliance throughout the farm market season. Weights and Measures staff will monitor the farm market closely

throughout the summer to ensure compliance.

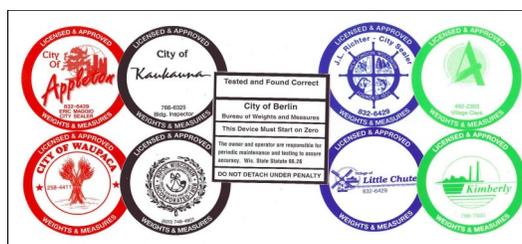
May 21st, City Sealer Eric Maggio spoke at the first annual Appleton Downtown Midweek Farm Market Vendor meeting held in the Library meeting room. Maggio provided information regarding policies and went over rules for the first time vendors. Staff tested 11 farm market vendors' scales and provided package and labeling inspections.

May 28th, City Sealer Eric Maggio and Weights & Measures staff spoke at the annual Appleton Downtown Saturday Farm Market Vendor meeting providing updates and farm market rules. Staff tested 29 farm market vendors' scales and provided package and labeling inspections.

A consumer complaint was received September 9th regarding an unlicensed commercial solicitor named Yanda's Distributing (door-to-door Kirby vacuum peddler). Police were called to the complainant's home to investigate high pressure sales tactics used. The complainant was approached by Yanda's Distributing employees on August 14, 2014. The complainant listened to the sales pitch and was not interested. Unfortunately, the unlicensed dealer would not take no for an answer and continued with high pressure sales tactics for three hours. The complainant signed the \$3,078.00 contract just to get them out of her house. City Sealer Maggio worked with the complainant to get the contract voided and the vacuum cleaner returned. Yanda's Distributing was given instructions to get a commercial solicitors license application if they would like to work in Appleton which they declined.

Weights and Measures Inspector Keith Verhagen conducted Weights and Measures inspections at the 2014 Oktoberfest celebration held on September 27th. There were 38 vendors inspected for compliance of product labeling and trade practice regulations. Booths selling various items such as pre-packed retail food products, herbal soaps and honey products were inspected. These items need to be fully labeled and sold either by weight or measure, depending on the product type. There were no violations found this year. The City of Appleton holds two mandatory vendor information meetings which provide information relating to trade practices, product labeling, method of sale, and scale information, which has led to better understanding of requirements.

This fourth quarter of this year, City Sealer Eric Maggio and Health Officer Kurt Eggebrecht met with the eight contracted Consortium municipalities of Ashwaubenon, Berlin, Kaukauna, Kimberly, Little Chute, New London, Ripon and Waupaca. The yearly meetings provide a chance to have face-to-face discussions about the Weights and Measures program and answer any questions about the work we have done throughout the year. The municipalities are pleased with the quality work completed and the partnership of sharing services. Based on growth of new establishments our contracted service days will increase in 2015. Little Chute will increase from 12 to 13 days. Kaukauna will increase from 14 to 20 days. This additional workload will be absorbed with current staffing levels.



“The Appleton Health Department consists of highly motivated and dedicated individuals who provide services to protect and promote the health and well-being of the citizen and consumer.”

This year the Appleton Health Department made updates to the Incident Command staff organizational chart. Discovering a need for our North East Wisconsin (NEW) Public Health Preparedness Partnership members to train additional staff in Incident Command System (ICS) at the intermediate and advanced levels, the ICS 300 course was held in our area on March 5th and 6th at the request of Appleton Health Department. The course was well attended by several partnership health departments, including five members of the Appleton Health Department staff (Kurt Eggebrecht, Jon Lee, Eric Maggio, Tim Mirkes and Ann Steele). The learning objectives from this two day course address the coordination of resources during an incident involving several jurisdictions and disciplines through the use of Unified Command.

Appleton Health Department participated in the Northeast Wisconsin 2014 Preparedness Exercise on March 25th. This region-wide functional, multi-discipline exercise for local public health departments and area hospitals focused on the response to a severe weather event with several casualties and multiple fatalities. The scenario allowed us to function from our office setting and communicate with area partners via phone and online to discuss our response actions and coordinate resources. This exercise addressed the 2013-2014 grant requirements for exercising.



Environmental Health Supervisor Tim Mirkes conducted a courtesy inspection at the Boys and Girls Club food service kitchen at the request of the Food Manager. No items were noted in need of correction. They are doing a very good job regarding food safety and sanitation. Although the Boys and Girls Club is exempt from licensing, it is still important to assure safe meal delivery.

Environmentalist Michelle Roberts, R.S. conducted food stand inspections at the annual Xavier Food Fair event held the first Sunday in May. This is a larger event so the Health Department provides additional group training to the food service volunteers prior to the event. No major issues were found during the inspections.

In August, Michelle Roberts, R.S. and Steve Kihl, R.S. conducted a lead inspection at a home due to an elevated blood-lead level in a child living there. Orders were issued to the property owner to remediate the lead hazards with a lead certified contractor.

This year, there were 95 food stand inspections and two re-inspections conducted by the Health Department during License to Cruise and Octoberfest. Four food stand inspections were conducted at License to Cruise. A total of 91 non-profit food stand inspections were conducted at Octoberfest. Of the 95 stands that were inspected this year, 81 food stands had *no violations* at the time of the inspection (85%). There were a total of 16 violations recorded at 12 food stands during Octoberfest and two violations found at two food stands at License to Cruise.



With this year's addition of a Wednesday Farm Market downtown, Environmentalists Michelle Roberts, R.S. and Steve Kihl, R.S. have had a busy year working with vendors. They had numerous consultations with vendors that were added to the markets after the annual spring training session was held. They also inspected the vendor booths at both Wednesday and Saturday markets.

A swimming pool was constructed at Latitude 44 Apartment Homes, but the owner never notified the Health Department. Under State Codes, this is considered a public swimming pool and is required to be licensed. It was built to the State Code requirements and a Department of Safety and Professional Services final approval was issued. It had been operating since June 2014. Environmentalists Steve Kihl and Michelle Roberts inspected the pool on August 8th, upon learning of its existence and found eight health code violations. Correction orders were written.

In the fourth quarter the department dedicated significant resources towards the prevention and protection of seasonal influenza in our community. Prior to any cases in our community our public health preparedness staff offered educational posters and hand sanitizer to all faith based organizations in the city.



**STOP THE
SPREAD
OF FLU**

Public health nursing staff provided 374 doses of influenza vaccine to City of Appleton employees, their spouses, partners and children nine years of age and older as well as elected officials. Nursing staff also worked with area long term care facilities to ensure that they were up to date with current guidelines and recommendations related to respiratory outbreaks. This education and collaboration will continue throughout the influenza season. In addition, the Health Officer has had frequent check-ins with Appleton Area School District administration regarding repeated school absences related to the flu.

This year two cats, one dog and five bats were shipped for rabies testing following contact or possible contact with humans. All results were negative for rabies.

“The Appleton Health Department communicates with the public on health and consumer related issues.”

The Department places emphasis on community health education. This year staff presented on numerous topics including:

January 29th, public health nurses Jess Moyle, R.N. and Becky Lindberg, R.N. participated in the Lawrence University Wellness Fair. Educational information was presented to the 140 students and faculty in attendance which included Lead Poisoning Prevention, Safe to Sleep, Sexually Transmitted Diseases, Immunizations, Influenza, Bedbugs, and Community Resources.



January 29th, Health Officer Kurt Eggebrecht and Peter Kelly from United Way, co-presented at the "Tackling Wicked Problems" training held in Oshkosh. The presentation focused on how the Weight of the Fox Valley initiative is using the collective impact model to address this health/social issue.

February 11th, Health Officer Eggebrecht and Paula Morgan from ThedaCare presented to the 2013-2014 class at Leadership Fox Cities. The focus of the presentation was on the Weight of the Fox Valley initiative and how the collective impact model works.

March 1st, Kathleen Sprangers, R.N. presented information on immunizations to eleven moms with their babies at the Mommy and Me class at Appleton Medical Center.



On March 11th, Health Officer Eggebrecht presented to the Promoting Health, Healing and Crisis Intervention Impact Area committee of the United Way Fox Cities. The presentation centered on the County Health Rankings and the Weight of the Fox Valley initiative.

March 18th, Environmentalist Michelle Roberts, R.S. provided food safety training to 30 participants in preparation for the annual Xavier Food Fair. The event was held on the first Sunday in May. Providing food safety education to individuals who do not normally cook for large gatherings helps to reduce mistakes that could cause a food borne outbreak.

March 27th, Health Officer Eggebrecht presented at the "Healthy Food for All Summit" held in Neenah. Eggebrecht was invited to present on the Weight of the Fox Valley initiative and how local public health collaborates with other community agencies.



Also on March 27th, Deputy Fire Chief Gene Reece and Health Officer Kurt Eggebrecht presented at the police academy at Fox Valley Technical College. The topic was Incident Command Structure and Emergency Response.

March 27th, Tim Mirkes was asked to speak to residents of Oneida Heights. The topics included Food Safety, Noise and Bed Bugs and how to take precautions to prevent bed bugs from entering their apartments.

March 31st, Kathleen Sprangers, R.N. educated three moms with their babies on the importance of Lead Poisoning Prevention at the Mommy and Me class at Appleton Medical Center.

Public health nurses continued their collaboration with the Appleton Area Birth to Five Program during the 2nd quarter of 2014. Nurses presented at playgroups at several different elementary schools during the school year, and then moved with the playgroups to Appleton city parks during the month of June. An estimated 38 parents and 61 children were in attendance at these playgroups.



April 17th, Health Officer Eggebrecht presented at the Wisconsin Health Education Network annual meeting. This year's theme was Focusing Upstream through Health Education and Health Promotion: Prevention and Affordable Care Actions.

Public Health Nurse Becky Lindberg, R.N. presented on "Safe to Sleep" at the Teen Parents Conference at Fox Valley Technical College on May 2nd. 25 teen parents participated.

Public Health Nurse Kathleen Sprangers, R.N. was part of a collaborative team that provided educational webinars on May 6th & 8th to local healthcare providers. As a result of this successful offering, Kathleen was asked to participate on a panel to share this collaborative process at the Human Papillomavirus (HPV) Summit in Madison on June 16th.



BOYS & GIRLS CLUB

The 2014 Wellness Fair at the Boys and Girls Club was held on May 14th. Becky Lindberg, R.N. presented on important public health topics including "Safe to Sleep" and immunizations. 130 children and 4 parents attended.

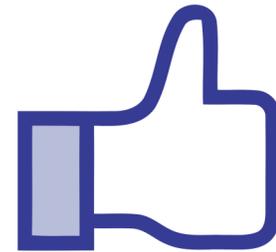
Public Health Nurse Supervisor Sonja Jensen, R.N. collaborated with the City of Appleton Human Resources to present training on Bloodborne Pathogens for employees at the Municipal Services Building on May 22nd. 35 employees were in attendance.

Public health nurses, Tina Pelishek, R.N. and Jess Moyle, R.N., in collaboration with Outagamie County Public Health nurses, gave a presentation on the Prenatal Care Coordination program to resident physicians at UW Health Fox Valley on June 3rd.

Becky Lindberg, R.N. presented on "Safe to Sleep" at a Mommy and Me class held on June 23rd at the Appleton Medical Center.

Public Health Nurse Ann Steele, R.N. presented at the Wisconsin HIV Community Planning meeting in Green Lake on June 25th, along with local partners from Winnebago County Health Department and the AIDS Resource Center of Wisconsin. They presented on the Fox Valley HIV cluster in 2009.

During the third quarter of 2014, Appleton Health Department exceeded 300 fans or "likes" on our Facebook page. Appleton Health Department leverages social media by providing frequent updates on health and safety tips and other timely public health topics. During an emergency, social media messages can be delivered quickly to inform the public of situational information (i.e. location of emergency shelters). A YouTube channel has also been established by Appleton Health Department to connect with the public.



Public Health Nurse Jessica Moyle, R.N. gave a presentation about our Prenatal Care Coordination program to staff at Womankind Clinic in Appleton on July 8th.

A presentation on tuberculosis and other communicable diseases was given on July 29th to UW Health Residents by Public Health Nurse Supervisor Sonja Jensen, R.N. Twenty physician residents were in attendance at the UW Health Fox Valley clinic.

August 5th, Health Officer Kurt Eggebrecht and Metro Drug Unit representative Brad Dunlap co-taught a session on Heroin at the Summer Health Institute held at Appleton North High School. This training was attended by middle and high school teachers, counselors and administrators.

September 24th, Health Officer Eggebrecht presented at the Poverty Matters Conference held at the Radisson Hotel. The focus of the presentation was on the Weight of the Fox Valley initiative and the link between body weight and food options of the poor.

Public Health Nurse Kathleen Sprangers, R.N. gave an educational presentation about lead poisoning prevention during the Mom and Me class at Appleton Medical Center on August 4th. Ten Moms and babies were in attendance. On September 29th, Kathleen gave a presentation to the Mom and Me class for an additional 14 Moms and Babies about the importance of immunizations for children and their families.

October 14, public health nurses Becky Lindberg, R.N. and Tina Pelishek, R.N. participated in the 5th Annual Appvion Wellness Fair. 187 Employees received education on “Safe to Sleep” and other general public health topics such including immunizations and illness prevention.

October 16, Becky Lindberg, R.N. gave a presentation on the Lifecourse Model (which helps explain lifelong impacts on your health) to the Fox Valley Early Childhood Coalition. Twelve early childhood professionals were in attendance.

October 27 and 30, Sonja Jensen, R.N. provided department staff education on Ebola contact investigations. All nursing and environmental staff attended the training. This training is preparation in the event that we have a suspected or confirmed case in the future. There are no reported cases in Wisconsin.

December 16, Tina Pelishek, R.N. provided education during two playgroups held at the Community Early Learning Center to 28 parents and young children. These playgroups are associated with the Appleton Area School District’s Birth to Five program, and the focus area was “Parents Interacting with Infants.”

“The Appleton Health Department provides services in a cost effective and efficient manner.”

Public Health Nurse Becky Lindberg, R.N. provided annual TB skin testing for 84 Fire Department employees. Twelve Health Department staff were also screened.

Our department has entered into a collaboration with the Appleton Area School District’s Birth to Five Program. Public health nurses are participating in Birth to Five Outreach Learning through Play Parent/Child Playgroups at various school locations throughout the community. Nursing staff provides education, information on resources, and support.

February, Environmental Health Supervisor Tim Mirkes and Health Officer Eggebrecht met with Nate Loper, Department of Public Works (DPW), to discuss a means of communicating water main breaks to the Health Department (other than those that are communicated to us through the DNR). Licensed facilities must have working plumbing for important functions such as hand washing and toilets, in order to be open for business. A mutually workable solution was developed to minimize additional work steps for DPW so that the Health Department can learn about the breaks and then communicate food safety information to the affected businesses more proactively.

February 20th, Environmentalists Steve Kihl, R.S. and Michelle Roberts, R.S. conducted a lead inspection at a residence due to an elevated blood lead level in a child. Lead hazards were found and orders written. On March 5th, another dwelling was inspected for lead hazards, but none were identified.

In coordination with the UW Fox Valley Family Medicine Residency Program, two resident physicians met with Environmental Supervisor Tim Mirkes to learn about the environmental health responsibilities at the Health Department. By providing this in-service, resident physicians gain awareness of rabies follow up, food safety and food borne illness investigation as it relates to their practice, as well as other areas where the environmental section can be a resource.

In March, Tim Mirkes provided annual respirator fit testing to the Health Department staff. The annual fit testing is conducted, not only for preparedness planning, but also assures respirators are being correctly fitted to provide effective protection from contaminants such as TB and asbestos.



The State license year runs from July 1st through June 30th. Establishments that have not paid their license renewal fees on or before June 30th are subject to a late fee of \$90.00. This year, 34 establishments were required to pay the late fee, (25 in 2013 and 22 in 2012). The municipal ordinance also states “Establishments operating on July 15th without a proper license shall be ordered closed by the Health Officer.” Close orders were delivered to seven establishments of which four paid the required fees to remain open.



Every 5 years local health departments are required to demonstrate and document the services provided to their community based on State Statute requirements. This quarter we completed our department review and on-site visit resulting in a Level III standing based on level of programming and staff preparation. Level III is the highest attainable in Wisconsin.



Public health nurses Becky Lindberg, R.N. and Kris Eiden, R.N. provided TB skin testing for 21 individuals at the Salvation Army and the Homeless Connections on October 21 and 23.

Annually the Environmental Health and Weights and Measures programs survey establishment owners. We feel it is important for us to hear from those we serve and to continually improve our programs and services. We ask that the respondents not include identifying information so they can feel free to be honest. We want to hear the positives and the negatives.

The Weights and Measures survey was sent out to a random third of businesses in October. Businesses were given 30 days to complete and return. There were 80 total surveys sent out and 25 of those were returned. There are 7 total questions asked on the survey. The results of the survey showed customer satisfaction of 99%.

Similarly the Environmental program conducted a survey of a random third of our licensed establishments to hear what they have to say about our service. This year we had a 25% return on the 150 surveys sent out. Overall, there was a 98.5% satisfaction of our service to the operators.

“The Appleton Health Department develops and evaluates departmental programs, policies, and procedures based on community needs. We collaborate with community agencies and providers to assess those needs and ensure high quality services.”

January we launched a new lead prevention outreach program to families of children who are six months of age and live in pre-1950 housing. This new focus builds on our lead prevention grant services. All Appleton families identified receive a letter and brochure informing them about lead paint and its hazards. A follow-up phone call is made a few weeks after this letter offering lead prevention education services. The overall goal is to create healthy and lead-free housing for Appleton city residents.

In January the Appleton Health Department entered into a Refugee Health Screening Contract with the Wisconsin Department of Children and Families. The Health Department’s role is to provide case management and referral surrounding the refugee health screening process. We partner with primary care providers and other specialists as deemed appropriate based on health history and screening results. In 2014, 44 refugees were welcomed into the Appleton community.



Public Health Nurse Kathleen Sprangers, R.N. served on a panel at the 2014 Wisconsin Environmental Health Association Conference held on April 15th in Wisconsin Dells. The panel presented “Working Collaboratively for Lead-Safe Housing”.

In June the Appleton Health Department completed the objectives for the 2013-2014 Public Health Emergency Preparedness grant. Appleton closed pre-identified “gaps” in the planning capabilities of Community Preparedness, Fatality Management and Responder Safety and Health. This enabled us to strengthen our local preparedness and response capacity via applicable training sessions, updates and revisions to our local response plans and identifying outcomes from exercises and drills.



On April 7th, Appleton Health Department held an initial meeting with partners to discuss Fatality Management response to a large disaster with multiple fatalities. The meeting provided valuable insight on the current capacity of the Appleton area to respectfully handle deceased persons and what resources would become exhausted first and overwhelm the system when many fatalities occur at once. Local health departments throughout Wisconsin are working on this planning topic and will be coordinating efforts over the next year to develop regional plans to provide mutual aid support during mass fatality events and more

clearly define roles of the responding agencies during such events.

Ann Steele, R.N. and Sonja Jensen, R.N. along with Health Officer Kurt Eggebrecht participated in the Fox Valley HIV Partners group meeting on May 2nd at Harmony Café in Appleton.

The ICS 400 course was held in our area on May 5th and 6th at the request of Appleton Health Department. The course was well attended by several partnership health departments, including two members of the Appleton Health Department staff (Kurt Eggebrecht and Tim Mirkes). The learning objectives from this two day course address coordinating complex emergency responses with multiple emergency response agencies.

May 30th, Health Officer Eggebrecht and ThedaCare CEO Dean Gruner were interviewed by 91.1 The Avenue radio, discussing the importance of the Weight of the Fox Valley Initiative. This segment was aired in the month of June.



One of the responsibilities and challenges facing local health departments and hospitals is fulfilling a community health needs assessment and implementation plan. The Wisconsin Association of Local Health Departments and Boards is supporting an effort titled Wisconsin CHIPP Infrastructure Improvement Project. This project has identified 90 core data sets to assist communities and has now field tested recommended data sets in several communities. Health Officer Eggebrecht serves on the Operations Team which met June 11th. Eggebrecht also serves on the Key Stakeholders Committee which will advise this work project into its implementation phase.

Public Health Nurse Kathleen Sprangers, R.N. was part of the team that planned, coordinated and hosted a Human Papillomavirus (HPV) webinar for providers. This was a joint effort between representatives of the Immunization Coalitions of Northeast Wisconsin, Manitowoc County, Sheboygan County and the Centers for Disease Control and Prevention. The webinar was titled “HPV is Cancer Prevention...So What’s the Hold Up?” and was presented on May 6th and 8th.



Public health nurses Becky Lindberg, R.N. and Jess Moyle, R.N. participated in the Fox Valley Safe Kids Car Seat Recycle Day on April 26th at the Grand Chute Fire Station. This annual event aims to get unsafe car seats out of circulation. Unsafe seats are dismantled, and materials are recycled whenever possible.

Public Health Nurse Ann Steele, R.N. is representing the department on a newly formed workgroup for the Fox Valley Memory Project.

Butterfly Festival

Helping Families Fly!



This year the department once again supported the 6th Annual Butterfly Festival held in City Park on June 21st. Proceeds support the Parent Connections Program of Family Services, Inc. This is a parent education and early learning program that encourages, strengthens and supports families. Health Officer Eggebrecht serves on the Fox Valley Advisory Board.

Health Officer Eggebrecht serves on a State Advisory Committee for the Wisconsin Division of Public Health regarding the use of Preventative Health and Health Services Block Grant funds. The last meeting occurred June 25th.

The Fox Valley Community Health Improvement Coalition is comprised of area health care providers (Aurora, Affinity, Children's Hospital and ThedaCare) and local public health departments (Appleton, Calumet, Menasha, Outagamie and Winnebago). In 2014 we collaborated on completing a Behavioral Risk Factor Surveillance Survey Study to be conducted in November. We have agreed to contract with St. Norbert College, Strategic Research Institute to conduct the phone survey. This data provides a meaningful assessment of our community's health behaviors.

On September 25th, Preparedness Coordinator Jon Lee and Health Officer Kurt Eggebrecht attended a Red Cross information session on Multi-Agency Resource Centers (MARC). During an emergency, the Red Cross has offered to coordinate a location near the disaster location known as a MARC. The MARC will be a convenient, single-point of entry location for community, non-profit, government, faith-based and private agencies to provide services to residents affected by the disaster. Examples of resources following emergencies that Appleton Health Department could provide include information on food safety (during power outage), combating mold in your home (following flood event) and offering tetanus shots following a tornado or other event with a significant amount of debris.

Public health nurses Becky Lindberg, R.N. and Jessica Moyle, R.N. are working with staff at the Childcare Resource and Referral Center on the Breastfeeding Friendly Childcare initiative.

Public health nursing staff continued their collaboration with the Appleton Area School District's Birth to Five Program, presenting on a variety of health and injury prevention topics during play group sessions. During the months of July through September, education was provided to approximately 90 parents and children.



In September, Jessica Moyle, R.N. joined the City of Appleton's Health Smart Team. This team is charged with providing preventive health services to City employees.

October 28, Appleton Health Department participated in a Virtual Tabletop Exercise (VTTX) on pandemic influenza. This exercise, provided by U.S. Centers for Disease Control and Prevention (CDC) was delivered to local partners throughout the country via live television feed. Thrivent Financial for Lutherans, a key local volunteer partner in our public health preparedness planning, hosted the exercise and provided the meeting space and technology necessary to participate. In addition to Thrivent, other area partners involved in the exercise included Appleton Fire Department, both local healthcare systems and Appleton Area School District.



During late 2014 Ebola Virus Disease (EVD) became a topic of increased focus in our public health preparedness efforts. With the unprecedented outbreak in Africa and limited travel-associated cases appearing in the United States, every local health department renewed their focus planning for the potential implications of Ebola exposure in their jurisdiction including contact tracing, quarantine, daily monitoring, transporting individuals to appropriate healthcare settings, and protecting first responders from exposure.

Appleton Health Department chose to establish a limited Incident Command System (ICS) activation to develop Incident Action Plans, establish incident objectives, and assign response planning tasks to staff members as well as provide updates to the rest of the department and our partners.

Frequent communication with local hospitals, police, fire, emergency management and other city departments was a crucial part of our planning efforts. Wisconsin Department of Health Services (DHS) held frequent conference calls with local health departments to give the latest reports and response guidance related to Ebola.

In order to address concerns and gaps in our preparedness efforts, Appleton Health Department staff participated in an Ebola Tabletop Exercise (TTX) on October 21st. Developed by our NEW Public Health Preparedness Partnership, the exercise allowed staff members to run through a scenario of suspected Ebola in our area and determine the best course of action to keep the patient and our community healthy. This exercise was a valuable learning experience and provided feedback to department leadership on how to best communicate information and updates to all department staff regarding Ebola.

The Ebola tabletop exercise was provided through our NEW Public Health Preparedness Partnership to the other six health departments in our preparedness group over the course of the 4th quarter.

In November, at the request of the Sheboygan County Health Department, Michelle Roberts, RS, provided restaurant inspection training to their new health inspector in order to give the inspector additional insight on the inspection process.

“The Appleton Health Department has a professional staff that works together as a cohesive team by cooperating, communicating, and supporting each other to achieve departmental and individual goals.”

Our department places a high value on continuing education. This year staff attended a variety of education sessions including:

January 30th, the annual Weights and Measures Policy and Procedure training was held in Madison. Local City Sealers and State Inspectors attended the meeting with State Management. The meeting provided information regarding recent changes in policies as well as the yearly schedule for training and state surveys. City Sealer Eric Maggio wrote a procedure for Taxi Meter Testing that was published in the 2014 Policy and Procedure Manual.

February 19th, Public Health Nurse Supervisor, Sonja Jensen, R.N. attended a cultural competency training on Congolese refugees held at the Partnership Community Health Center.

February 20th, Tim Mirkes attended Bed Bug Boot-Camp training to further aid in response to the increasing number of bed bug complaints the department has been receiving.



February 25th, public health nurses Ann Steele, R.N. and Kris Eiden, R.N. participated in database training webinar for our Partner Services.

March 4th, the Prenatal Care Coordinators regional meeting was held at the Menasha Library. Public health nurses Jess Moyle, R.N., Tina Pelishek, R.N. and Trish Schuldes, R.N. participated.



March 6th and 7th, the Wisconsin Association of Lactation Consultants held its annual conference at the Radisson Paper Valley Hotel in Appleton. Public health nurses Jess Moyle, R.N. and Becky Lindberg, R.N. attended the conference.

March 13th, Public health nurses Tina Pelishek, R.N. and Becky Lindberg, R.N. attended the Wisconsin Women’s Health Foundation’s annual First Breath Conference in Pewaukee. The focus of the conference was smoking and alcohol interventions for women with mental health and substance abuse disorders.

March 19th and 20th, Public Health Preparedness Coordinator Jon Lee and Environmental Health Supervisor Tim Mirkes, R.S., attended the 47th Annual Governor’s Conference on Emergency Management and Homeland Security. The conference provided an opportunity to learn about preparedness and response lessons from State and National experts. This conference was sponsored by Wisconsin Department of Military Affairs.

March 20th, Sonja Jensen, R.N. attended the Grants and Funding Opportunities Conference which was held at Fox Valley Technical College.

March 26th, Public health nurses Tina Pelishek, R.N. Trish Schuldes, R.N. and Ann Steele, R.N. attended the presentation on Current Drug Trends in the Fox Valley. This workshop was sponsored by the Community Action for Healthy Living Coalition.

March 26th, public health nurses Becky Lindberg, R.N., Tina Pelishek, R.N., Trish Schuldes, R.N., Ann Steele R.N. and Jess Moyle, R.N. attended "Mental Health 101" training at the Healthy Infant and Child Alliance meeting.

April 3rd, public health nurses Becky Lindberg, R.N., Jess Moyle, R.N., Sue Larson, R.N., Tina Pelishek, R.N. and Kathleen Sprangers, R.N. attended the Northeast Wisconsin Immunization Coalition Symposium.



April 8th, an in-service on the Menveo vaccine was held in Appleton and attended by public health nurses Kathleen Sprangers, R.N., Ann Steele, R.N., Trish Schuldes, R.N. and Sue Larson, R.N.

April 17th, public health nurses Ann Steele, R.N. and Kris Eiden, R.N. attended a presentation at Lawrence University entitled "Why People Die by Suicide."

April 23rd, public health nurses Jess Moyle, R.N., Ann Steele, R.N. and Becky Lindberg, R.N. attended a presentation on "Mental Health in Adults and Children" which was sponsored by the National Alliance on Mental Illness (NAMI).

April 25th, public health nurses Trish Schuldes, R.N., Jess Moyle, R.N. and Becky Lindberg, R.N. attended a training titled "Opioid Dependency in Pregnancy" held in Wautoma.

May 2nd, public health nurses Tina Pelishek, R.N. and Trish Schuldes, R.N. attended a seminar on Early Childhood Mental Health held at Fox Valley Technical College.

May 7th, public health nurses Becky Lindberg, R.N. and Tina Pelishek, R.N. attended a breastfeeding training held at the Riverview Hospital in Wisconsin Rapids.



May 13-15th, Public Health Nurse Ann Steele, R.N. and Health Officer Kurt Eggebrecht attended the combined 2014 Wisconsin Public Health Association (WPHA) and Wisconsin Association of Local Health Departments and Boards Conference (WALHDAB)

in Milwaukee. Kurt Eggebrecht serves on both the WPHA and WALHDAB Board of Directors.

May 20th, Public health nurses Jess Moyle, R.N. and Tina Pelishek, R.N. attended a Strive to Quit smoking cessation program held at the Outagamie County Building in Appleton.

May 22nd, public health nurses Kris Eiden, R.N., Ann Steele, R.N. and Tina Pelishek, R.N. attended a presentation on Human Trafficking in Appleton, sponsored by the Fox Cities Community Council.

May 28th, Kris Eiden, R.N. attended the HIV Partner Services Regional meeting at the Paper Valley in Appleton.

June 3rd, public health nurses Sonja Jensen, R.N., Tina Pelishek, R.N., and Jess Moyle, R.N. attended the Prenatal Care Coordination Regional meeting held at the Menasha Library.

June 18th, public health nurse Jess Moyle, R.N. attended a Health Equity held in Combined Locks.

July 1st, public health nurses Tina Pelishek, R.N., Jessica Moyle, R.N. and Trish Schuldes, R.N. attended a refresher session for the First Breath (tobacco prevention and control) and My Baby and Me programs.

July 22nd, the Appleton Library's Outreach Program staff members met with Health Department nurse staff members. The Library Outreach Program learned more about the services provided by public health nurses to better educate their home-based clients about public health services available and make referrals as appropriate to our nursing staff.



July 23rd, public health nurses Becky Lindberg, R.N. and Jessica Moyle, R.N. attended a presentation by the Wood County Health Department on Breastfeeding Friendly Childcare Centers held at the Calumet County Health Department.

August 5th, public health nurses Tina Pelishek, R.N. and Kris Eiden, R.N. attended the 17th Annual Public Health Nursing Conference held in Stevens Point.

September 3rd, public health nurses Sue Larson, R.N. and Sonja Jensen, R.N. attended the Wisconsin Department of Children and Families State Refugee training held at Fox Valley Technical College.

September 17th, Becky Lindberg, R.N. and Tina Pelishek, R.N. attended a presentation

sponsored by the Community Action for Healthy Living entitled, “E-Cigarettes – a Growing Concern”. This was held at Christ the King Church in Appleton.

September 30th, Becky Lindberg, R.N., Tina Pelishek, R.N. and Sonja Jensen, R.N. attended “Promoting Community Systems of Care to Foster Young Children’s Social and Emotional Development” held at the Fox Banquet Hall in Appleton.

October 6th – 8th, Weights and Measures Inspector Keith Verhagen represented Appleton and the East Central Weights & Measures Consortium by attending the annual fall conference in Wausau. The conference was administered by the Wisconsin Weights and Measures Association and the National Conference for Weights and Measures. Those attending were provided safety training and effective communication training. City Sealer Maggio served as the President of the Association this past year and also attended the conference. During the closing of the conference, Weights and Measures Inspector Keith Verhagen was voted as Wisconsin Weights and Measures Association Vice President.

October 27th, public health nurses, Tina Pelishek, R.N. and Jess Moyle, R.N. attended the regional Prenatal Care Coordination sharing session on held in Menasha.

November 5th – 6th, Becky Lindberg, R.N. attended the annual Wisconsin Healthiest Families/Keeping Kids Alive Conference “Embracing Change” held in Wisconsin Dells, sponsored by Children’s Health Alliance of Wisconsin.

November 12th, Becky Lindberg, R.N. and Sonja Jensen, RN attended the kick-off event for Project Aware, which was held at Fox Valley Technical College.

Also in November, the department sanitarians attended the annual Department of Agricultural Trade and Consumer Protection (DATCP) fall training meeting.

In December, Environmental Supervisor Tim Mirkes, RS successfully completed a Wisconsin Food Code Standardization maintenance exercise with a state evaluator from the Department of Agriculture, Trade and Consumer Protection. The purpose of standardization and maintenance is to promote statewide uniformity and establish proof of inspector proficiency in the food establishment inspection process. It focuses on risk factors that contribute to foodborne illnesses. It also allows for the State standardized inspector to conduct the standardization exercise with local staff.

“The Appleton Health Department encourages the individual to share the responsibility for their health and the health of their family.”

This year our department staff has worked with several individuals and families to better understand and control their risk of TB disease. A significant investment of time went into daily visits for directly observed medicine to treat active TB.

This year City Staff continued to actively support the Weights of the Fox Valley Project. Alderperson Joe Martin, Mayor Hanna, our medical advisor Lee Vogel M.D. and Health Officer Eggebrecht all serve on the tri-county leadership team. The board set the direction of launching two Action Teams (one focused on Active Communities and the second on Worksite). Both of these Action Teams were rolled out June 5th at the Breezewood in Neenah. The Weight of the Fox Valley serves the tri-county region (Calumet, Outagamie & Winnebago) and has a vision statement which reads “a community that together achieves and maintains a healthy weight at every stage.”

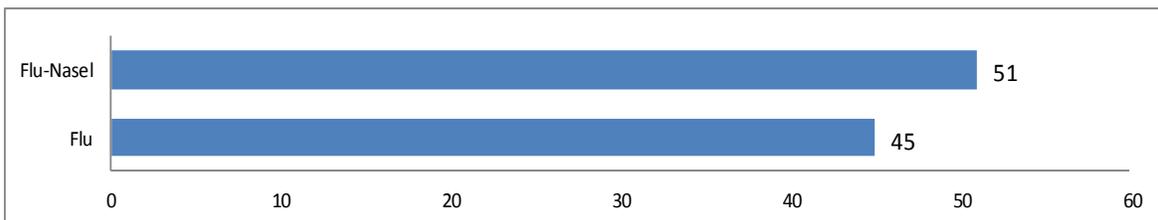
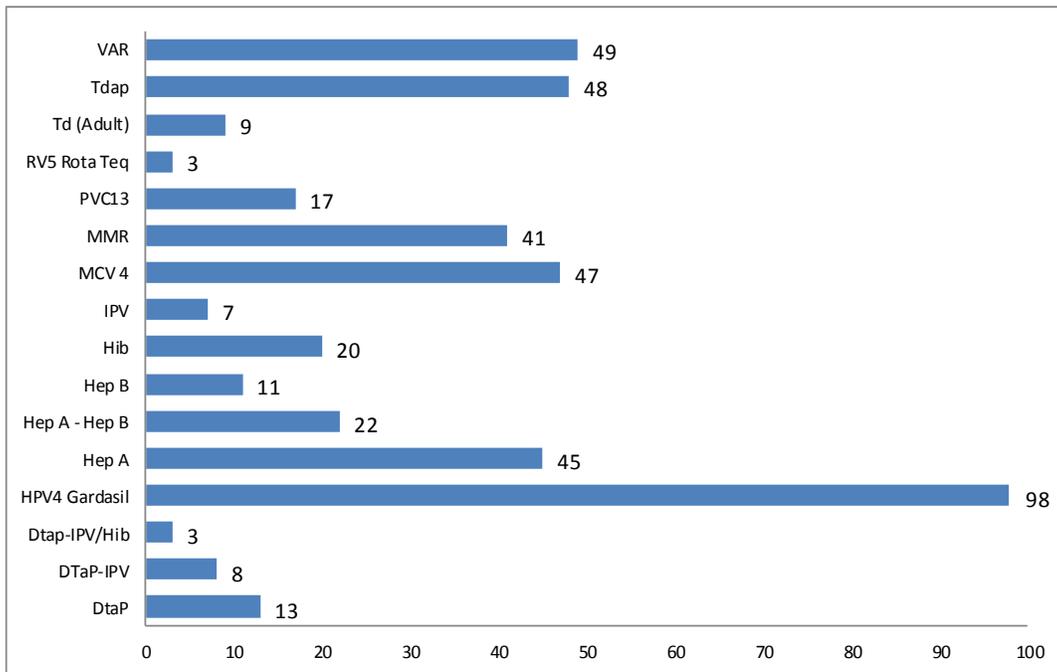


COMMUNICABLE DISEASE PROGRAM

Communicable disease services are designed to prevent disease and promote health in the community. Epidemiological and regulatory services are major components of this program.

Clinical services include immunizations and health education. Immunizations for vaccine preventable diseases were provided to the public and City employees. Interpreter assisted clinics were offered monthly to improve access and vaccine coverage for Hmong, Chinese and Spanish speaking residents. Influenza clinics were offered in the fourth quarter to target at-risk individuals. Appleton adults are provided vaccine based on the Wisconsin Immunization Program guidelines. In 2014, 245 clients received 549 doses of vaccine.

Vaccines Administered in 2014



Participation in the Northeast Wisconsin Immunization Coalition is focused on community-wide activities to increase the immunization rates.

Communicable Disease Investigation, Prevention and Control

Public health staff investigate reported cases of communicable disease. Epidemiological case reports are submitted to the Wisconsin Department of Health Services through the Wisconsin Electronic Disease Surveillance System. Contacts to cases are identified, screened and referred as appropriate. Measures to prevent and control disease spread are reviewed with cases and contacts. It is estimated for every case of confirmed disease reported, an average of two contacts are identified and counseled.

In 2014, Appleton continued to see an increase in reported cases of Chlamydia and Gonorrhea. Providers are testing regularly and Public Health Staff continue to attempt follow-up for prevention education.

In 2014, nursing staff worked with the Wisconsin Department of Health Services to control Gastrointestinal illness outbreaks in nine long term care facilities. Lab testing, staff education and symptom monitoring services were provided. Also, nursing staff assisted six long term care facilities with respiratory illness outbreaks.

The Department also received 19 referrals of individuals for treatment of Latent Tuberculosis Infection (LTBI). Nursing staff maintain a close working relationship with the Wisconsin Department of Health Services TB program and with local primary care providers. Nursing staff provided Communicable Disease case management and in 2014.

Tables showing numbers of cases and rates per 1000 population for all gastroenteric and sexually transmitted diseases are located on page 47. Additionally, page 48 contains tables showing the numbers and rates for vaccine preventable and other communicable diseases.

Wisconsin Partner Services (PS)

This is a statewide program whose goal is to control and prevent the transmission of HIV infection (AIDS). Efforts to notify partners of infected individuals attempt to break the chain of disease transmission by early identification and testing of individuals who have been exposed to HIV. Two Partner Services public health nurses work closely with ARCW (Aids Resource Center of Wisconsin) Green Bay and Appleton Health Department office staff to provide coordinated testing and case management services. Any work with this contract is reimbursed by the State through this program. There were eight referrals received for this program during 2014.

Sexually Transmitted Disease Contracted Services

The Department has a contract with Planned Parenthood to provide screening, testing and treatment for persons seeking services for sexually transmitted disease, who have no means of paying for or obtaining services elsewhere. The contract also includes epidemiological investigation of confirmed cases among those clients served. In 2014, eighty one (81) individuals were served. One hundred sixty five (165) lab tests were performed resulting in 22 treatments for positive cases.

Foodborne Outbreak Illness Investigation

There were no foodborne outbreaks investigated or reported to the State Division of Public Health in 2014.

State Laboratory of Hygiene Testing Services

The Wisconsin State Laboratory of Hygiene provides free testing of certain patient and food item type samples as support for investigation and prevention of communicable disease transmission. Samples submitted must fit within parameters determined by the State. In 2014, the State provided \$7,835 of fee exempt service to the City. A table of exact types and numbers of test performed is located on page 56. Wisconsin Occupational Health Laboratory provided \$354 of fee exempt service analyzing dust wipe samples as part of the Lead Poisoning Prevention Home Visitation Program.

Occupational Health

Collaborative efforts in providing occupational health services related to communicable disease continued in 2014. Efforts included annual TB skin testing for Police, Fire and Health, annual training for employees at risk for blood borne exposures and annual policy review.

ENVIRONMENTAL CONTROL

The primary focus of environmental health services is the control of communicable disease spread. These control activities usually take the form of regulatory activities in food handling settings such as restaurants, retail food stores and vending machines. Regulatory activities are also conducted in public recreational facilities, including swimming pools and lodging establishments. Another area where environmental oversight contributes to communicable disease control is through code enforcement of tattoo and body piercing establishments. Additionally, the Department provides support to the rabies control program of the Police Department by consulting with victims and physicians and facilitating analysis of specimens.

Regulatory Descriptions and Statistics

Food Protection—As agents for the Wisconsin Department of Health Services (DHS) and the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP), the Health Department’s Environmental Health Section ensures safe food handling practices and protects the health and safety of Appleton residents and visitors. This is accomplished through administration of state and local regulations. Annual licensed food establishment inspections are conducted, and consultation and food safety education is provided to the operators. Collection and testing of food samples and code enforcement action is also conducted when necessary.

Lodging Facilities—As agents for DHS, the Department enforces sanitary and safety regulations for all hotels, motels and bed & breakfast establishments. As agents for the Department of Safety and Professional Services (DSPS) and under the Municipal Code, the Department enforces sanitary and safety regulations for manufactured home communities.

Public Pools—As agents for DHS, the Department performs annual swimming pool and whirlpool inspections to assure compliance with safety, maintenance and operation requirements. Monthly water samples are also collected from each pool and whirlpool facility. The samples are tested in a DATCP Certified Laboratory at the Waste Water Treatment Plant to assure state and local pool water quality standards are maintained.

Types of Tests	2009	2014
SWIMMING POOL WATER SAMPLES		
Total number of pool samples	271	254
Total number of pool re-sampled	7	1
Total positive Heterotrophic Plate Count	0	0
Total positive coliform	6	1
RABIES SPECIMENS		
Total number shipped	10	8
Total positive results	0	0

Tattoo and Body Piercing Establishments—As agents for DHS and under Municipal Code authority, the Health Department’s Environmental Health Section licenses and inspects all tattoo and body piercing establishments and enforces safety and sanitary requirements.

Rabies Control—In cooperation with the Police Department, the Health Department is involved in the investigation of human or animal exposures to suspected rabid animals.

The Environmental Health Section operates on a fiscal calendar year of July 1 through June 30. The following chart illustrates the number and types of activities associated with the above license year. Data for 2013/14 is compared to 2008/09. In the 2013/14 license year, the Department issued 467 licenses and 152 non-profit food permits compared to 425 licenses and 205 non-profit food permits in 2008/09. In 2013/14, 2 plan reviews were completed, and in 2008/09 there were 9 plan reviews completed for new or remodeled establishments. In 2013/14, 41 pre-licensing inspections were conducted for new or change-of-operator establishments compared to 25 pre-licensing inspections in 2008/09.

LICENSES/REGULATED ESTABLISHMENTS

2008/09 COMPARED TO 2013/14

Type of Establishment	Number of Inspections		Number of Consultations		Number of Complaints		Number of Re-inspections and Complaint	
	2008/09	2013/14	2008/09	2013/14	2008/09	2013/14	2008/09	2013/14
Public Eating and Drinking Establishments; Temporary Restaurants; Non-Profits	425	391	328	290	35	31	102	92
Permanent and Temporary Retail Food Establishments	102	88	75	75	14	9	38	14
Lodging Establishments; Rec/Ed/Campground	11	11	9	3	1	0	0	0
Manufactured Home Communities	1	1	1	2	0	0	1	0
Vending Machines	49	0	0	0	1	0	0	0
Swimming Pools	27	30	15	8	2	0	13	1
Tattoo/Body Piercing Establishments	11	12	20	19	1	0	0	1

Maternal/Child Health (MCH) Program

Services under the MCH program focus on the promotion of positive health outcomes and the reduction of risks associated with the reproductive health of individuals and families, and growth and development of infants, children, youth and parents. The focus is on the family as the basic unit of service. This program supports the provision of quality health care that spans the life-cycle periods of preconception, pregnancy, infancy and childhood. As additional home visit based social service programs become available in the community, our efforts have been concentrated on more intense case management for prenatal women and medically at-risk infants and children. Activities include assessment, planning, counseling, education, advocacy, evaluation and referral. Services are provided in the home setting. A maternal child health consolidated contract and property taxes fund these services.

The comprehensive Prenatal Care Coordination program (PNCC) was added to the MCH program in 2002. This program serves women with risk factors for a high risk pregnancy and works towards positive birth outcomes. Consolidated contract objectives in 2014 focused on a consistent community Safe to Sleep messaging initiative, a crib program and continued systems level activities. Staff provided educational opportunities for community agencies and primary care providers in areas of safe sleep and the Life Course Model.

In addition, the Department participates on the Outagamie County Child Death Review Team that works to identify preventable risk factors that may have contributed to a child's death.

Childhood Lead Poisoning Prevention Program

This program is supported by consolidated contract state funds. Goals of the program are to prevent environmental exposure of Appleton's children. This is done through surveillance of blood lead levels, provision of lead poisoning prevention education to persons involved with children as well as with intervention and treatment of individuals with elevated blood levels. The ultimate goal is to provide primary prevention by offering information about lead poisoning to pregnant women and parents of infants and children under the age of six **before** the child is potentially exposed. Increasing community awareness of the lead problem to Appleton's children also supports this goal. This is a multidisciplinary project involving both health department nursing and environmental staff.

Services are provided to diverse populations using interpreters and culturally sensitive materials (as available in clients' primary language) when working with non-English speaking families. Collaborative efforts are made with a variety of agencies including but not limited to WIC (Women Infants and Children), other local health departments, schools, hospitals, primary care providers, daycares and Appleton's Community Development Department. Mandatory reporting is required by all laboratories doing blood lead level testing and surveillance is done by local public health agencies. Outreach to families for all children with blood lead levels 5ug/dl or greater is provided.

Intervention efforts range from sending out information packets to families, education and assessment via a phone call and/or a home visit, to education and outreach efforts to community groups, attendance at community health fairs and distribution of relevant lead information on the department's web site, Facebook page, or other appropriate forms of media. Interagency collaboration continues with department participation in the Fox Valley Lead Coalition, the Fox Cities Housing Coalition and the Hmong/Hispanic Interagency Coalition.

Staff nurse Kathleen Sprangers, R.N. continues to be certified as a Lead Sampling Technician, which allows for dust wipe sampling, educating parents on the use of lead check swabs, and education on appropriate cleaning techniques. Cleaning kits continue to be provided at all home visits. Home visits include assessment of the child's environment identifying possible lead sources, as well as information on ways to reduce exposure. Written and electronic resources are shared as needed. For those children unable to be tested by a primary care provider, capillary blood lead testing can be offered by appointment at the Appleton Health Department, in the family's home or at monthly immunization clinics based on parent preference.

In January of 2014, a new lead prevention outreach program to families of children who are six months of age and live in pre-1950 housing was initiated. All Appleton families identified receive a letter and brochure informing them about lead paint and its hazards. A follow-up phone call is made a few weeks after this letter offering lead prevention education services. The overall goal is to create healthy and lead-free housing for Appleton City Residents.

Elevations (ug/dl)	2009	2010	2011	2012	2013	2014
Venous Lead Levels > 19 ug/dl	2	0	3	2	3	4
Venous Lead Levels 10-19 ug/dl	3	1	2	4	3	6
Capillary Lead Levels > 10 ug/dl	11	8	5	3	0	4

High Risk Adult Health Program

Services under this program focus on the promotion of positive health outcomes and the reduction of health risks associated with adults and older adults. These programs support the provision of quality health care, which spans the life cycle of young, middle-aged and older adults. Program activities include assessment, planning, advocacy, counseling, referral, education, emotional support, evaluation, clinic activities, and group education. Services are provided in the home, group homes and other settings throughout the community.

Public Health Nursing Caseload Data

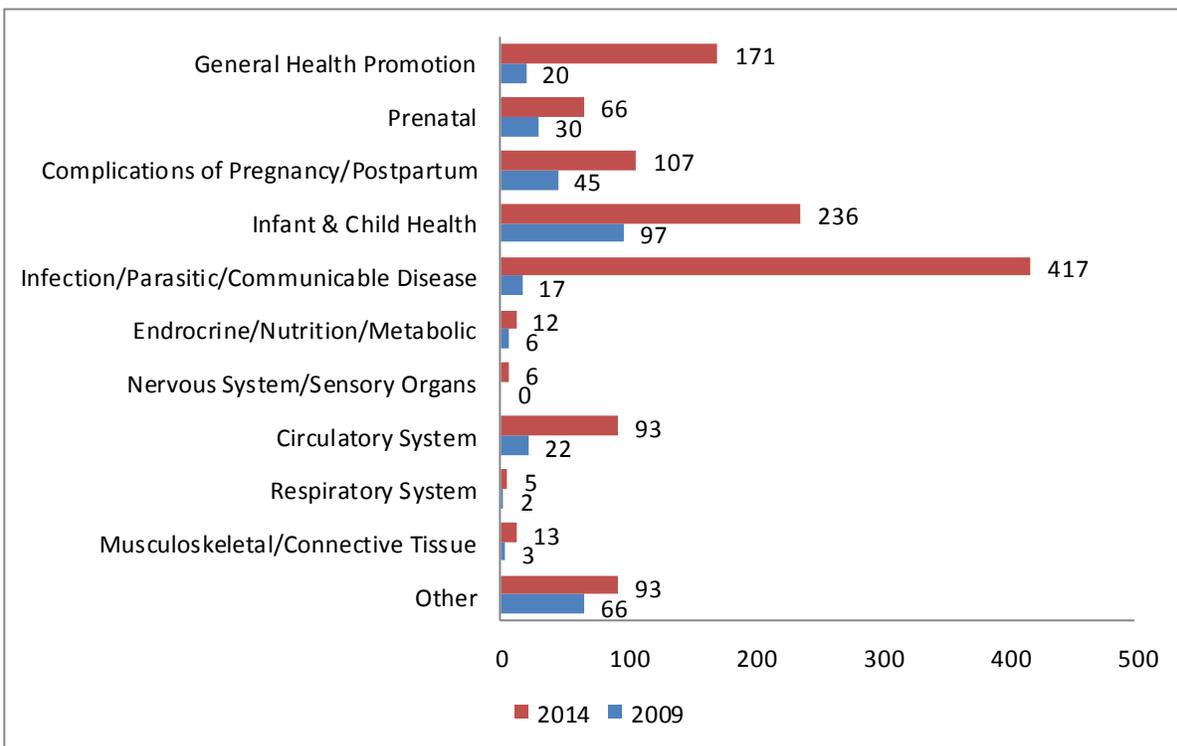
The Public Health Nursing (PHN) caseload consists of individuals and families with complex health problems. The Department received a total of 914 referrals in 2014. A total of 1,219 visits, including admissions, revisits and discharge visits, as well as phone consultations were made to these clients. This compares to 1,118 visits in 2013.

Referrals: Patient referrals come from a variety of sources including physicians, social services and home health care agencies. The following table shows types of referrals and referral rates per 1,000.

Type of Referrals to Public Health Nurse	2009	2010	2011	2012	2013	2014
Family	0	2	0	0	1	3
Maternal/Child (includes Birth Certificates)	974	1,009	955	1,015	966	904
Adult/Elderly	15	10	12	6	19	7
Rate/1000	13.68	14.07	13.30	14.02	13.48	12.44

Primary Problem Categories: The total Public Health Nursing caseload can be described by a primary category of service provision. Maternal Child Health cases include families with concerns related to childbearing, parenting, well child care, growth and development, family planning, child abuse and neglect, nutrition and other concerns important to the young family. Adult health cases primarily include adult families with concerns related to chronic disease prevention and health promotion.

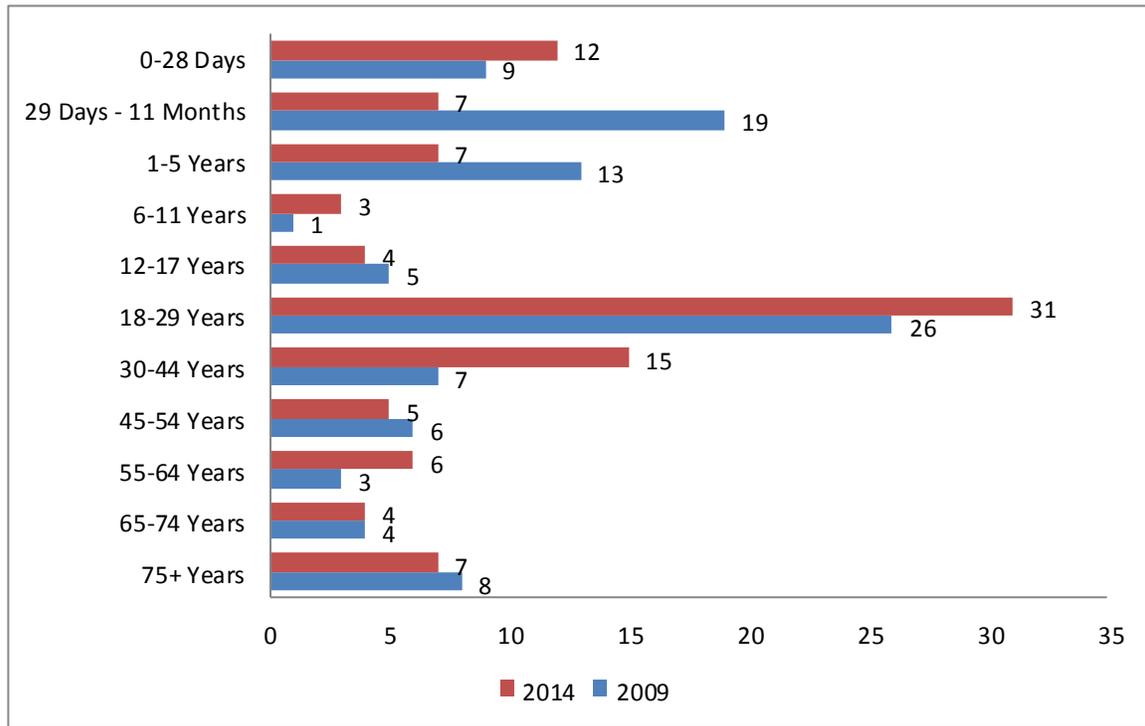
PUBLIC HEALTH NURSING CLIENTS BY PRIMARY PROBLEM



Demographics: Public Health Nursing services are targeted to individuals and groups at risk for disease or disability due to barriers such as low income, limited education and cultural/language differences; lifestyle factors such as smoking and poor nutritional practices; and medical factors such as communicable or chronic diseases.

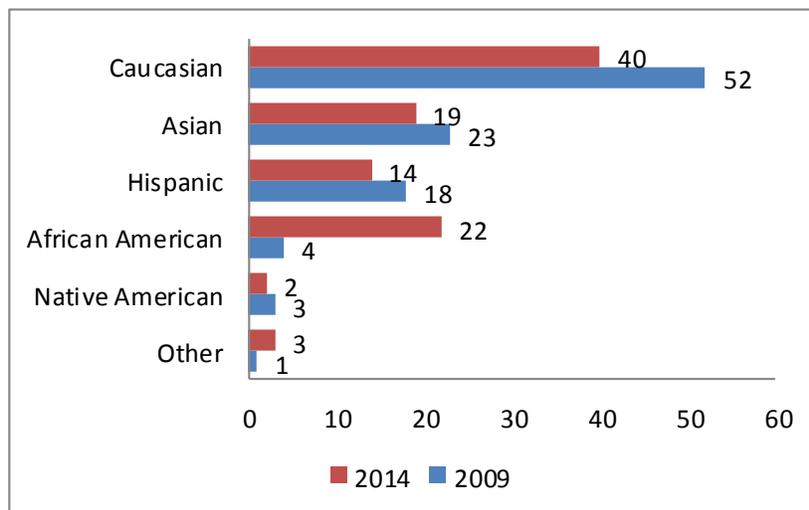
The following graphs describe the 2014 Public Health Nursing caseload by age and race/ethnicity.

PUBLIC HEALTH NURSING CLIENTS BY AGE



Percent Caseload

PUBLIC HEALTH NURSING CLIENTS BY RACE

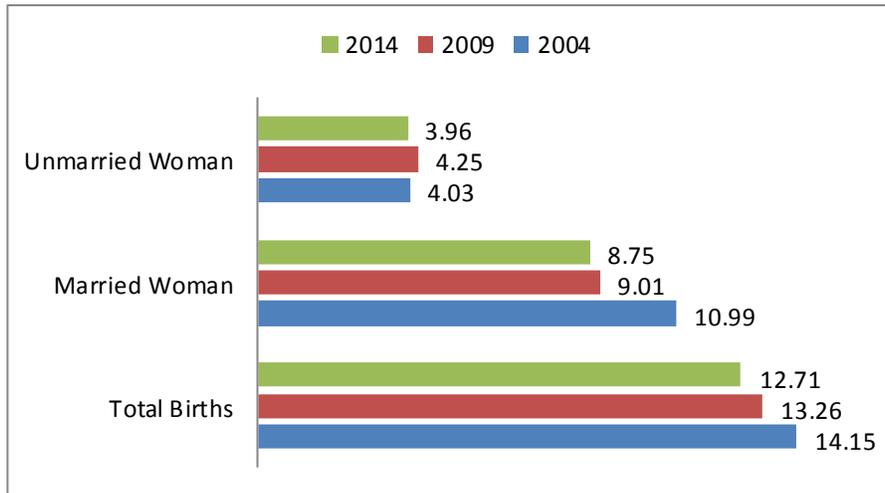


Percent Caseload

The Department is serving an ever increasingly diverse caseload of adults with chronic and communicable disease.

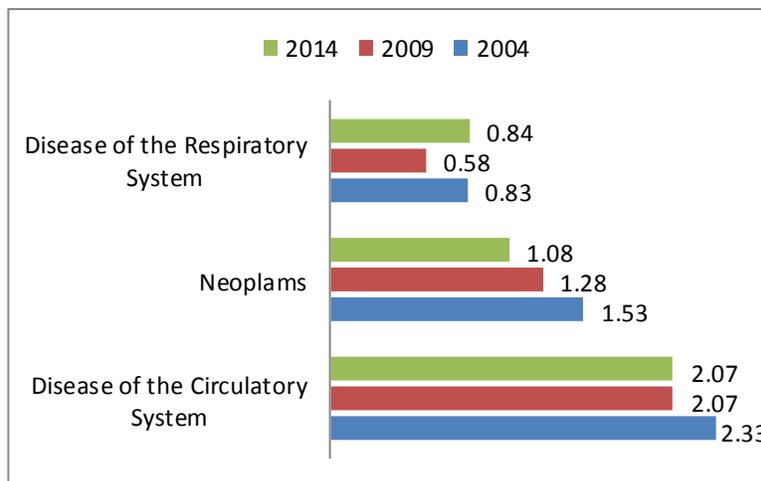
Vital statistics are maintained for monitoring the morbidity and mortality and as an aid in program planning. Appleton's population increased from 73,150 in 2013 to 73,463 in 2014. The crude birth rate per 1,000 population in 2013 for the State was 11.6, for the City of Appleton was 13.2. The graph below shows crude birth rates based on marital status comparing 2014, 2009, and 2004.

CRUDE BIRTH RATES BASED ON MARITAL STATUS
(1000 x Number of Resident Live Births/Total Resident Population)



*Birth Data is Provisional

CRUDE DEATH RATES FOR LEADING CAUSES OF DEATH
(Rates per 1000 Resident Population)



This graph shows three of the leading causes of death for Appleton residents; cardiovascular disease, cancers and diseases of the respiratory system. Tobacco use continues to be a major risk factor for the development of these diseases. See page 57 for charts showing death rates, data for all causes of deaths and deaths by age.

WEIGHTS AND MEASURES PROGRAM

The Weights and Measures program regulates the purchase or sale of products or services sold by weight, measure or count to assure equity in the marketplace. With this program, the consumer can make buying decisions with a reasonable degree of confidence that accurate quantity will be received. All businesses can operate on a level playing field, knowing trade practice regulations are fairly monitored and uniformly enforced.

MAJOR PROGRAM DESCRIPTIONS AND STATISTICS

Weights and Measures Device Licensing—All scales, pump meters, linear devices, and price scanners used in buying and selling within the City are licensed annually.

Weights and Measures Device Inspection—All weighing and measuring equipment used by businesses are inspected regularly to ensure accuracy and conformance with all National Institute of Standards and Technology (NIST) specifications and tolerances.

Monitoring and Sampling Commercial Transactions—To ensure that weighing and measuring equipment is used accurately, check weighing and measuring of prepackaged products and over-the-counter sales are conducted on an unannounced basis.

Product Labeling Enforcement and Consultation—Prepackaged consumer products are inspected for required labeling to ensure consumers receive proper information to make a valid buying decision. Bulk dispenser signage is also regulated in this fashion. Federal and State labeling rules and standards are enforced.

Product Scanning and Price Verifications—Routine unannounced scanning tests are conducted to maintain pricing accuracy where UPC bar code scanners are used at retail checkout counters. The scanning device itself, signage and price programming are all evaluated for consistency. Compliance results have greatly improved under this comprehensive program. In 1994, the first year scanning statistics were separated from general commodity inspection, 10.7% of scanning samples reflected price errors. In 2014, there was a 3.0% error rate, due to regular inspection and after assisting business operators to develop good price control practices.

Assistance to other City Departments—Assistance is provided to other City departments. For example, within the Department of Public Works, we are consulted on issues concerning inspections, testing and repair of weights and measures devices and

also perform the Fire and Police Departments scale tests.

Agent of City Clerk on Temporary and Irregular Business License—The City Sealer serves as field agent for the City Clerk’s office in making determinations on sellers to be licensed. Licenses involved are Commercial Solicitor, Secondhand Dealer, Salvage Dealer, Close-out Business, Termination Sales and Taxi Cab/Limousine Service.

**WEIGHTS AND MEASURES INSPECTIONS BY
ESTABLISHMENT TYPE AND YEAR**

ESTABLISHMENT TYPE	2012	2013	2014
Food and Convenience Stores	179	166	169
Restaurants	37	41	39
Bakery and Candy Stores	14	8	12
Dairy Plants and Stores	7	8	11
Drug Stores	19	20	20
Hardware Stores	28	26	26
Variety and Department Stores	99	94	95
Gas and Service Stations	30	35	35
Salvage Dealers and Recyclers	8	8	9
Pet Shops and Garden Centers	14	12	12
Industrial Manufacturing Plants	11	14	12
Concrete-Asphalt Plants and Road Materials	19	15	14
Transient Merchants (markets; product; seafood)	201	205	201
Package Shipping and Frieght	14	14	13
Service Laundries and Dry Cleaners	1	2	1
Government Agencies	14	14	11
Solicitors and Door to Door Merchants	40	77	33
Close-out Business and Termination Sales	1	4	0
Second Hand Dealers	28	43	30
Laundromats, Car Washes, and other Timing Devices	5	4	6
Miscellaneous	3	5	23
Mobile Petroleum Dealers	36	30	37
TOTAL	808	845	809

**DEVICES TESTED BY TYPE, YEAR AND PERCENT
OUT OF COMPLIANCE**

TYPE OF DEVICE (% OF NONCOMPLAINT)	2012	2013	2014
Scales and Balances	614 (4.4%)	553 (3.1%)	644 (4.2%)
Measures (Include gas pumps & fuel oil truck meters)	1034 (3.0%)	1051 (3.2%)	1179 (3.9%)
Weights	81 (0%)	44 (0%)	97 (0%)
Total	1,729	1,648	1,920

RESULTS OF PACKAGED COMMODITIES TESTED BY YEAR

PACKAGED COMMODITIES TESTED	2012	2013	2014
Total Units of Product Investigated	69,312	84,230	88,788
Random Sample Size	11,936	12,863	12,903
Total Products/Units Found Short Weight (% short)	957 (1.4%)	2,169 (2.6%)	2,086 (2.3%)
Total Products/Units Found Mislabeled (% mislabeled)	4,532 (6.5%)	6,189 (7.3%)	7053 (7.9%)

PRICE SCANNING INSPECTIONS

PRICE SCANNING INSPECTIONS	2010	2011	2012	2013	2014
Number of Inspections	143	147	148	129	135
Number of Items Scanned	4,386	4,566	4,796	4,152	4,279
Pricing Errors Found	177 (4%)	140 (3.1%)	208 (4.5%)	88 (2.1%)	127 (3.0%)

CONSUMER COMPLAINTS BY TYPE AND YEAR

Type of Complaint	2012		2013		2014	
	Number Received	Number Violations	Number Received	Number Violations	Number Received	Number Violations
Foods	1	1	1	1	1	1
Liquid Foods	0	0	0	0	0	0
Non-Food Products	0	0	0	0	0	0
Heating Oil and LP Gas	0	0	0	0	0	0
Firewood	0	0	0	0	1	1
Gas Stations-Pumps	1	0	9	2	7	0
Gas Stations-Service Console	0	0	0	0	1	0
Gas Stations-Price Signage	2	0	1	0	9	9
Gas Stations-Gasoline Quality	0	0	1	0	0	0
Scales-Scrape Metal	0	0	0	0	0	0
Scales-Food	0	0	0	0	0	0
Scales-Other	0	0	0	0	0	0
Scanning	2	1	1	0	11	5
Trade Practices	1	0	5	2	1	1
Advertising	1	0	5	3	1	1
Going out of Business	0	0	0	0	0	0
Temporary Sales	0	0	0	0	0	0
Miscellaneous	1	0	3	3	1	1
Total	9	2	26	11	33	19

ENVIRONMENTAL HEALTH PROGRAMS

Many environmental factors can influence the health of the community. The Department is involved in a variety of activities aimed at minimizing the exposure to environmental hazards and reducing the incidence of public health nuisances. Local ordinances set forth policies on solid waste, noise, housing and rodent control, which are enforced by the Department. This is usually in response to citizen complaints. Another component of protecting the community environment involves monitoring various environmental hazards, which pose a potential threat to citizens. In addition to the testing and monitoring conducted, the Department provides education and referral services on numerous topics.

PROGRAM DESCRIPTIONS AND STATISTICS

Housing Sanitation—Housing sanitation inspections are conducted on a complaint basis. Complaints of unsanitary conditions and concerns about mold in the home are received from citizens, police, fire, inspections division of Public Works and county Human Services. There were 78 housing sanitation contacts, including consultations, complaints and follow-up inspections conducted in 2014. This represents 18% of non-establishment related Environmental Health program contacts in 2014.

Solid Waste—Solid waste complaints such as garbage/rubbish nuisance concerns are received from a variety of sources. Not only are nuisances of this nature unsightly for neighborhoods, but also failure to comply with sanitation regulations can often lead to greater public health concerns such as rodent, insect and nuisance bird attraction. The total number of contacts was 23, representing 5.3% of contacts in 2014.

Rodent Control—The control of rats in the community is maintained by combining Municipal Code enforcement of commercial properties with a baiting program of exterior residential property and sewers. The Environmentalists are certified pest control operators and licensed to handle baits specific for this purpose. There were 22 contacts related to rodent control in 2014.

General Environmental—Environmental problems such as those listed on the following chart are dealt with on a complaint basis. Investigations and/or referrals to other agencies are performed depending upon the nature of the concern.

ENVIRONMENTAL CONSULTATIONS AND COMPLAINTS RECEIVED				
Nature of Contact	Number of Consultations		Number of Complaints	
	2009	2014	2009	2014
Community Water Supply	0	0	0	0
School/Day Care	4	10	0	0
Surface Water Pollution	3	1	3	1
Animal Nuisances	21	16	4	3
Rabies Control	39	28	1	0
Insect Control	10	33	4	16
Rodent Control	1	4	3	11
Hazardous Substance Control	18	5	2	1
Air Pollution - Indoor	29	9	22	12
Air Pollution - Outdoor	0	4	2	3
Noise	18	28	6	5
Radon	7	4	0	0
Garbage/Rubbish Nuisance	17	7	30	8
Private Residence/Housing	57	20	58	8
Lead	14	34	0	2
Mold	N/A	19	N/A	24
Other Programs	16	13	0	0
Other Business	34	47	7	3
Total	288	282	142	97

COMMUNITY INVOLVEMENT

Health Department staff members recognize their role as a collaborative one within the community. As such, staff participate in a variety of community and professional activities including:

Activate Fox Cities	Head Start Advisory Committee
American Public Health Association	Health Smart Team
Breastfeeding Alliance Northeast Wisconsin (BFANWI)	Hispanic Interagency
CHAT Community Health Action Team	Hmong American Partnership Interagency Committee
Community Early Learning Center Planning/Implementation Team	National Conference on Weights & Measures
Cuidate Latino Teen Pregnancy Prevention Program	Northeast Region Environmental Supervisors Group
Department of Trade & Consumer Protection Policies & Procedures Committee	Northeast Region Nursing Supervisors Group
Fox Valley Early Childhood Coalition	Northeast Wisconsin Health Care Forum
Emergency Operation Plan Core Team Committee	Northeast Wisconsin Immunization Coalition (NEWIC)
Family Services Inc. Board	Northeast Wisconsin Public Health Preparedness Partnership
Fox Cities Community Council	OB/Local Health Department Coordination Committee
Fox Cities Housing Coalition	Octoberfest Logistics Committee
Fox Cities Kiwanis	Outagamie County Child Death Review Team
Fox Cities/Oshkosh Bike and Pedestrian Steering Committee	Outagamie County Elder Abuse Interdisciplinary Committee
Fox Valley Community Health Improvement Coalition	Northeast Region Prenatal Care Coordinators
Fox Valley Lead Coalition	Regional Mental Health Network
Fox Valley Memory Project Action Team	St. Elizabeth Infection Prevention
Fox Valley Regional Health Coalition	Temporary Food Task Force
Fox Valley Safe Kids	ThedaCare at Home Professional Advisory Board

COMMUNITY INVOLVEMENT

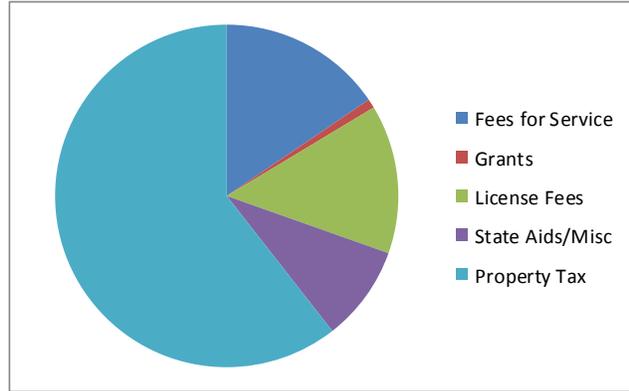
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ThedaCare Infection Prevention	Wisconsin Association of Local Health Departments & Boards—Environmental Health Section
UW Northeastern Regional Research Council (ICTR)	Wisconsin City Caucus of Weights & Measures Officials
UW Population Health Institute Advisory Board	Wisconsin Department of Agriculture, Trade & Consumer Protection, Weights & Measures Policies & Procedures Committee
Weight of the Fox Valley	Wisconsin Health Education Network
Wisconsin Association of Local Health Departments and Boards	Wisconsin Weights & Measures Association (WWMA)

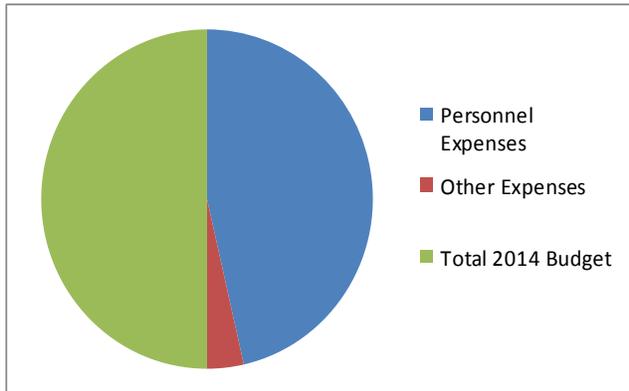
APPENDIX

BUDGET INFORMATION

2014 Actual Funding Source		
Fees for Service	\$208,262	15.5%
Grants	\$11,513	0.86%
License Fees	\$188,798	14.1%
State Aids/Misc	\$121,319	9.0%
Property Tax	\$813,066	60.5%



2014 Actual Expenses		
Personnel Expenses	\$1,247,208	92.9%
Other Expenses	\$95,750	7.1%
Total 2014 Budget	\$1,342,958	



COMMUNICABLE DISEASE DATA

(Rates per 1000 Resident Population)

Gastroenteric Disease	2004		2009		2014	
	Number	Rate	Number	Rate	Number	Rate
Amebiasis	0	0.00	0	0.00	1	0.01
Campylobacter*	16	0.22	16	0.22	11	0.15
Cryptosporidiosis*	5	0.07	6	0.08	3	0.04
E. Coli	1	0.01	1	0.01	1	0.01
Giardiasis	14	0.19	9	0.12	4	0.05
Listeriosis	1	0.01	0	0.00	0	0.00
Salmonellosis	18	0.25	9	0.12	11	0.15
Shigellosis	0	0.00	1	0.01	0	0.00
Yersinia	0	0.00	0	0.00	0	0.00

*Became reportable to local health departments in 2000

Sexually Transmitted Disease	2004		2009		2014	
	Number	Rate	Number	Rate	Number	Rate
HIV*	2	0.03	2	0.03	6	0.08
Chlamydia*	141	1.96	160	2.21	276	3.76
Gonorrhea*	50	0.70	27	0.37	36	0.49
Herpes**	30	0.42	0	0.00	N/A	N/A
Syphilis	1	0.01	2	0.03	1	0.01
Partner Referral Program***	2	0.03	39	0.54	2	0.03
Other STD	1	0.01	0	0.00	0	0.00

*Became reportable to local health departments in 1994

**Became reportable to local health departments in 1995, no longer reportable in 2010

***Program started in 1995

Miscellaneous Diseases	2004		2009		2014	
	Number	Rate	Number	Rate	Number	Rate
Blastomycosis	0	0.00	1	0.01	0	0.00
Ehrlichiosis/Anaplasmosis	N/A	N/A	0	0.00	9	0.12
Haemophilus Influenza	N/A	N/A	3	0.04	1	0.01
Hepatitis A	6	0.08	1	0.01	0	0.00
Hepatitis B	3	0.04	0	0.00	4	0.05
Hepatitis C	28	0.39	14	0.19	38	0.52
Histoplasmosis	0	0.00	0	0.00	N/A	N/A
Hospitalized Influenza**	N/A	N/A	N/A	N/A	25	0.34
Lead Toxicity*	0	0.00	0	0.00	0	0.00
Legionellosis	0	0.00	0	0.00	0	0.00
Leprosy	0	0.00	0	0.00	0	0.00
Lyme Disease	4	0.06	8	0.11	11	0.15
Malaria	0	0.00	0	0.00	1	0.01
Meningitis - Bacterial	0	0.00	3	0.04	0	0.00
Rheumatic Fever	0	0.00	0	0.00	0	0.00
Streptococcus Pneumoniae	N/A	N/A	6	0.08	3	0.04
Invasive Group A Strep	N/A	N/A	0	0.00	3	0.04
Invasive Group B Strep	N/A	N/A	6	0.08	7	0.10
Toxic Shock Syndrome	0	0.00	0	0.00	0	0.00
TB - Mycobacterium	0	0.00	0	0.00	2	0.03
TB - Atypical	2	0.03	9	0.12	13	0.18
Typhoid	N/A	N/A	0	0.00	0	0.00
Novel H1N1	N/A	N/A	37	0.51	N/A	N/A
Dengue Fever	N/A	N/A	N/A	N/A	1	0.01
Kawasaki	N/A	N/A	N/A	N/A	1	0.01

*Reflects cases of adult lead toxicity only. Children are listed in the table in the body of this report

Vaccine Preventable Disease	2004		2009		2014	
	Number	Rate	Number	Rate	Number	Rate
Chickenpox (Varicella)*	0	0.00	2	0.03	4	0.05
Measles	0	0.00	0	0.00	0	0.00
Pertussis	91	1.27	18	0.25	5	0.07
Mumps	N/A	N/A	0	0.00	0	0.00

*Varicella vaccine became available in 1998 and reportable in April 2008.

STATE LABORATORY OF HYGIENE FEE FREE TESTING

The Wisconsin State Laboratory of Hygiene provides sample analysis for selected communicable disease investigations where insurance or other payer sources are not available. The service has been in existence for many years. The following chart shows the type and number of samples analyzed for the Health Department in 2014. The total cost of these analyses would be \$8,189 if they were not fee free.

TYPE OF ANALYSIS	NUMBER OF SAMPLES
Mycobacteriology	105
Salmonella	0
VDRL	0
Rabies	15
N Meningitis	0
Chlamydia/N Gonorrhea	0
Ova Parasites/Cryptosporidiosis/Giardia	0
Outbreak Stool Cultures	0
Blood Lead - Capillary	2
Blood Lead - Venous	0
HIV 1/HIV 2	0
Norovirus PCR	21
Influenza A & B	0
Liver Function (AST, ACT)	0
Measles	0
Rubella	0
Mumps virus PCR	0
Hepatitis C	0
Hepatitis B Serodiganosis	2
Hepatitis A	0
E. Coli 0157:H7	0
Respiratory virus PCR	0
Clostridium Perfringens Stool	0
Campylobacter	0

PUBLIC HEALTH NURSING CASELOAD

CLIENTS ADMITTED BY PRIMARY PROBLEM	2004	2009	2014
General Health Promotion	21	20	61
Prenatal	71	30	21
Complications of Pregnancy/Postpartum	80	45	27
Infant/Child Health	148	97	53
Infection/Parasitic/Communicable Disease	140	17	26
Endocrine/Nutrition/Metabolic	14	6	0
Nervous System/Sensory Organs	0	0	1
Circulatory System	68	22	9
Respiratory System	8	2	0
Musculoskeletal/Connective Tissue	8	3	2
Other	29	66	12
Total	587	308	212
CLIENT HOME VISITS	2004	2009	2014
Telephone/Home Visits	2799	1558	1201
CLIENTS ADMITTED BY AGE	2004	2009	2014
0-28 Days	62	27	26
29 Days - 11 Months	71	59	15
1-5 Years	39	39	14
6-11 Years	23	2	6
12-17 Years	51	14	8
18-29 Years	138	81	66
30-44 Years	62	22	31
45-54 Years	30	18	10
55-64 Years	14	9	13
65-74 Years	22	12	9
75+ Years	75	25	14
Total	587	308	212
CLIENTS ADMITTED BY RACE	2004	2009	2014
Caucasian	316	164	84
African American	10	7	47
Native American	2	3	4
Hispanic	60	38	30
Asian	188	96	40
Other	11	0	7
Total	587	308	212
CLIENTS ADMITTED BY GENDER	2004	2009	2014
Male	196	96	66
Female	391	212	146

VITAL BIRTH STATISTICS

(Crude Live Birth Rates=1000 x # of Resident Live Births/Total Resident Population)

APPLETON POPULATION			STATE CRUDE BIRTH RATE
2004	2009	2014	2009
71,895	72,400	73,463	12.5

Birth Data	2004		2009		2014	
	Number	Rate	Number	Rate	Number	Rate
Total Birth Rate	1017	14.15	960	13.26	934	12.71
Births to Married Woman	790	10.99	652	9.01	643	8.75
Births to Unmarried Woman	290	4.03	308	4.25	291	3.96
Total Births to Woman <18 Yrs	12	0.17	20	0.28	6	0.08
Unmarried <18 Yrs	10	0.14	15	0.21	5	0.07
Unmarried 18-29 Yrs	182	2.53	249	3.44	205	2.79
Unmarried 30-40 Yrs	33	0.46	1	0.01	78	1.06
Unmarried >40 Yrs	2	0.03	3	0.04	3	0.04

Age of Mother	Birth Count	Percent
15-17 years	6	0.64%
18-19 years	36	3.85%
20-24 years	148	15.85%
25-29 years	304	32.55%
30-34 years	307	32.87%
35-39 years	117	12.53%
40-44 years	14	1.50%
45+ years	2	0.21%
Total	934	100.00%

Race/Ethnicity of Mother	Birth Count	Percent
White (Non-Hispanic)	794	85.01%
Black (Non-Hispanic)	19	2.03%
American Indian (Non-Hispanic)	6	0.64%
Hispanic	56	6.00%
Laotian/Hmong (Non-Hispanic)	58	6.21%
Other (Non-Hispanic)	0	0.00%
Missing/Unknown	1	0.11%
Total	934	100.00%

*Provisional data from WI Vital Records Office, Aggregate Birth Report 2014

VITAL BIRTH STATISTICS

Education of Mother	Birth Count	Percent
None	0	0.00%
Elementary	13	1.39%
Some High School	39	4.18%
High School Graduate	208	22.27%
Some College	275	29.44%
College Graduate	273	29.23%
Missing/Unknown	126	13.49%
Total	934	100.00%

Birth Weight	Birth Count	Percent
< 1,000 grams	6	0.64%
1,000-1,499 grams	4	0.43%
1,500-2,499 grams	63	6.75%
2,500-3,999 grams	769	82.33%
4,000 + grams	92	9.85%
Total	934	100.00%

Low Birth Weight	Birth Count	Percent
< 2,500 grams	73	7.82%
2,500 + grams	861	92.18%
Total	934	100.00%

*Provisional data from WI Vital Records Office Aggregate Birth Report 2014

VITAL BIRTH STATISTICS

Mother Smoked During Pregnancy	Birth Count	Percent
No	775	82.98%
Yes	157	16.81%
Missing/Unknown	2	0.21%
Total	934	100.00%

Mother Smoked During Pregnancy	No		Yes		Missing/Unknown		Total	
	Birth Count	Percent	Birth Count	Percent	Birth Count	Percent	Birth Count	Percent
< 1,000 grams	5	0.65%	1	0.64%	0	0.00%	6	0.64%
1,000-1,499 grams	4	0.52%	0	0.00%	0	0.00%	4	0.43%
1,500-2,499 grams	47	6.06%	16	10.19%	0	0.00%	63	6.75%
2,500-3,999 grams	637	82.19%	131	83.44%	1	50.00%	769	82.33%
4,000 + grams	82	10.58%	9	5.73%	1	50.00%	92	9.85%
Total	775	100.00%	157	100.00%	2	100.00%	934	100.00%

Prematurity	Birth Count	Percent
Full Term (37+ weeks)	831	88.97%
Premature (<37 weeks)	103	11.03%
Total	934	100.00%

*Provisional data from WI Vital Records Office Aggregate Birth Report 2014

DEATH DATA

(Crude Death Rate=1,000 x # Deaths/Total Resident Population)

Crude Death Rate for State 2010 = 8.3

Age	2004		2009		2014	
	Number	Rate	Number	Rate	Number	Rate
Under 1 Year	2	0.03	7	0.10	4	0.05
1 Year to 10 Years	1	0.01	1	0.01	1	0.01
11 Years to 20 Years	4	0.06	0	0.00	2	0.03
21 Years to 30 Years	7	0.10	2	0.03	1	0.01
31 Years to 40 Years	6	0.08	7	0.10	6	0.08
41 Years to 50 Years	19	0.26	28	0.39	25	0.34
51 Years to 60 Years	23	0.32	40	0.55	40	0.54
61 Years to 70 Years	52	0.72	47	0.65	70	0.95
71 Years to 80 Years	105	1.46	92	1.27	80	1.09
81 Years to 90 Years	168	2.34	150	2.07	142	1.93
91 Years to 100 Years	77	1.07	69	0.95	68	0.93
Over 100 Years	3	0.04	6	0.08	3	0.04

DEATH DATA

Causes of Death	2004		2009		2014	
	Number	Rate	Number	Rate	Number	Rate
AIDS	0	0.00	0	0.00		0.00
Accidental Death	18	0.25	15	0.21	19	0.26
Congenital Anomalies	0	0.00	2	0.03	3	0.04
Complications of Pregnancy	1	0.01	1	0.01	0	0.00
Condition Originating in Perinatal Period	0	0.00	1	0.01	2	0.03
Disease of Blood/Blood Forming Organs	0	0.00	1	0.01	1	0.01
Disease of Circulatory System	168	2.34	150	2.07	152	2.07
Disease of the Digestive System	13	0.18	15	0.21	20	0.27
Disease of Genitourinary System	22	0.31	21	0.29	12	0.16
Disease of Musculoskeletal System/Connective Tissue	0	0.00	4	0.06	0	0.00
Disease of Nervous System	14	0.19	16	0.22	25	0.34
Disease of Respiratory System	60	0.83	42	0.58	62	0.84
Endocrine, Nutritional and Metabolic Disease	1	0.01	5	0.07	7	0.10
Homicides	0	0.00	1	0.01	0	0.00
Infectious and Parasitic Disease	16	0.22	17	0.23	4	0.05
Mental Disorder	0	0.00	0	0.00	7	0.10
Neoplasm	110	1.53	93	1.28	79	1.08
Suicide	3	0.04	10	0.14	9	0.12
Symptoms, Signs and Ill-Defined Conditions	41	0.57	55	0.76	40	0.54