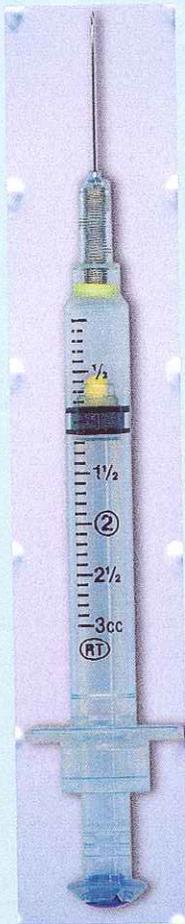


CITY OF APPLETON
HEALTH DEPARTMENT



2010 ANNUAL REPORT



MESSAGE FROM THE DIRECTOR

The 2010 Annual Report of the Appleton Health Department provides insight into the many ways our Department staff members touch the lives of others in our community.

In this report you will learn about how we prevent illness and consequently reduce health related cost to families and employers alike. For example, this past year more than 7,000 vaccines were administered. This activity protects beyond the individuals receiving the vaccine. Everyone in our community benefits when immunization rates are high through a reduced risk of disease exposure.

This year we completed an innovative quality improvement project with food and dining establishment owners. Residents and visitors can now view our Environmental Health inspection results on line via the internet providing easy access whenever desired. We have experienced more than a 50,000% increase (7to 3,695) in inquiries this year.

Finally, we highlight in this report our many collaborations and partnerships we have forged and maintained to accomplish our work: not the least of which is our public health preparedness efforts. This past year we completed our response to the 2009 H1N1 outbreak which involved engaging hundreds of medical and non-medical staff to meet the needs of our community.

In summary, we cannot do it alone. Providing the essential public health services requires community partnerships. Working together to create a healthier Appleton remains one of the most cost-effective investments we can make in our community.

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 2010, but also provides trend data comparisons for selected activities. The data for 2010 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

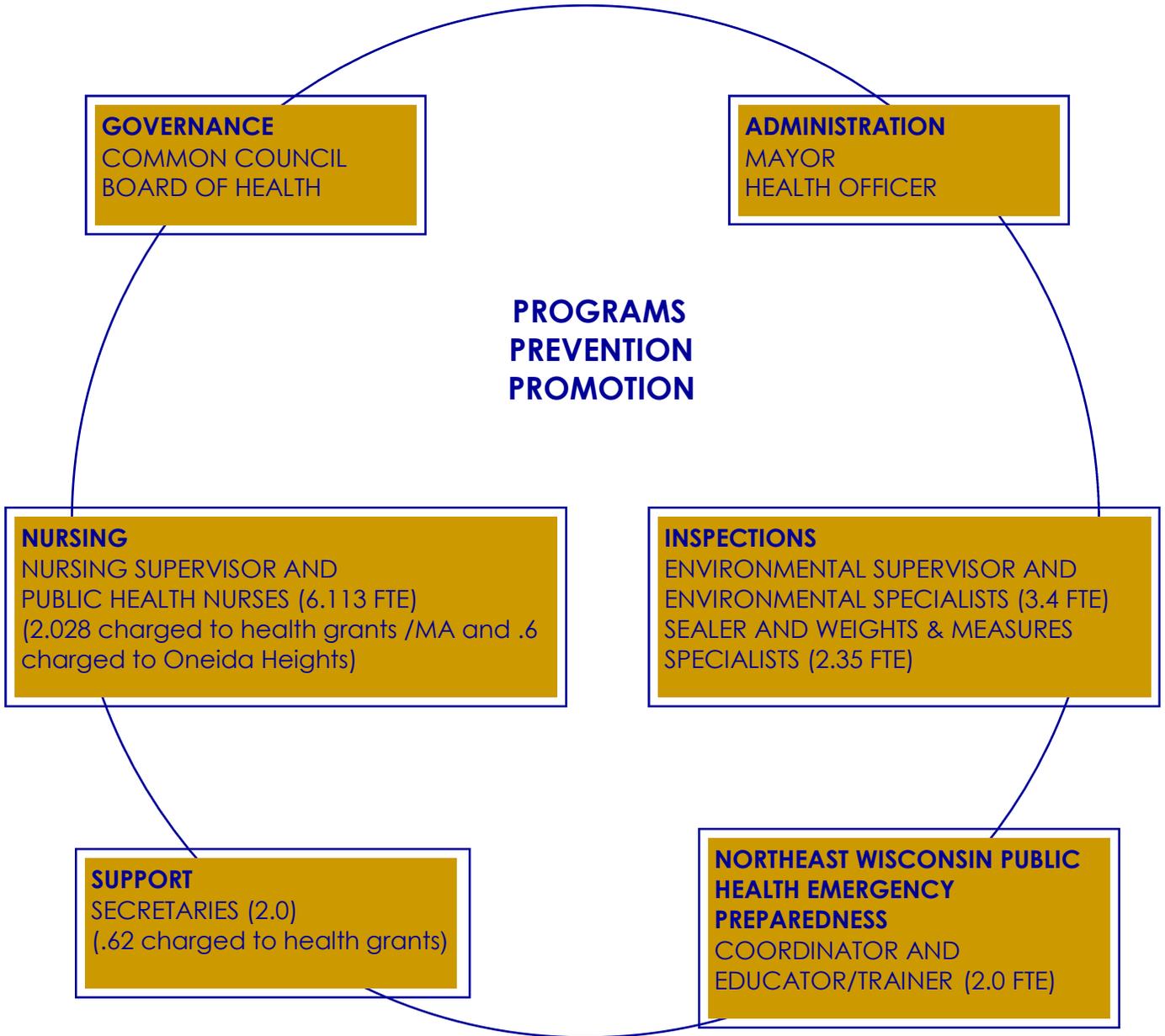
MISSION AND BELIEF STATEMENTS

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., Chair	Aldersperson Cathy Spears
Lee Marie Vogel, M.D., Medical Advisor	Vacant
Mayor Timothy Hanna	Sally Mielke, R.N.

PERSONNEL

Administration

Kurt 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
Stan Bieda, R.S., Part-time Environmentalist II

Public Health Nurses

Kathy Stromberg, RN, BC, Nursing Supervisor
Ann Steele, R.N., PHN
Susan Larson, R.N., Part-time PHN
Becky Lindberg, R.N., Part-time PHN
Tina Pelishek, R.N., Part-time PHN
Tricia Promer, R.N., Part-time PHN
Trish Schuldes, R.N., Part-time PHN
Kathleen Sprangers, R.N., Part-time PHN
Jean Sternig, R.N., Part-time PHN
Pam Wampole, R.N., Part-time PHN

Northeast Wisconsin Public Health Emergency Preparedness

Lauren Jones, Public Health Preparedness Educator/Trainer
Jon Lee, Public Health Preparedness Coordinator

Support Staff

Rhonda Bartel, Part-time Secretary IV	Linda DeWitt, Secretary IV
Pam Griesbach, Part-time Secretary IV	Dorene Sense, Part-time Clerical

City of Appleton Board of Health



Douglas Nelson, D.D.S.
Chairperson



Daniel Densow
Vice-Chair



Lee Marie Vogel, M.D.
Medical Advisor



Timothy Hanna
Mayor



Cathy Spears
Aldersperson



Sally Mielke

The Department

HIGHLIGHTS OF 2010

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

Unfortunately this year thirteen home dwellings were placarded by the Health Department as unfit for habitation. Clean up orders were issued for each of those properties. All have been cleaned and the placards removed.



In addition, one public whirlpool was temporarily closed due to testing positive for coliform bacteria. Once the whirlpool was cleaned and treated, it was allowed to reopen.

Apollon restaurant was temporarily closed due to a kitchen fire. Once the kitchen was cleaned, food service equipment was sanitized and all exposed food was discarded, it was allowed to reopen.

As gasoline prices continue to rise, consumer concerns about oil companies and service stations have been heightened. This year the Weights and Measures staff conducted 736 gas pump inspections within the City. Of the 736 pumps inspected, 48 were found to have errors, all of which were in favor of the customer. The gas stations were given deadlines to repair the pumps and all deadlines were met. The pumps were then re-inspected and were all in compliance. With prompt response to each complaint and unannounced routine annual inspection of all fuel dispensers we maintain a very high compliance level on service stations in Appleton.

Price scanning inspections are conducted by Weights and Measures staff annually at all establishments that use optical scanners. In 2010, three establishments were issued warnings and citations as a result of the establishment's problems with price control. Valley Mobil, Richmond Street Citgo and Jacob's Meat Market were all issued citations. Follow up inspections have resulted in all problems being resolved.



Local Farm Markets attract hundreds of vendors who sell a variety of food and household products which often require items to be properly labeled, and the use of certified scales, to assure consumer safety and fair practice. Weights and Measures staff inspected six Farm Markets within the East Central Weights and Measures consortium including two in Appleton. This year we only had two vendors who did not have certified scales. Our department works closely with the Farm Market managers and provides training on all requirements and certifies scales prior to the Farm Market season resulting in a high compliance rate.

City Sealer Maggio and Health Officer Eggebrecht met with the Administrators from each of the communities in the East Central Weights and Measures consortium which includes Kaukauna, Kimberly, Little Chute, New London, Waupaca, Ashwaubenon, and Ripon, to evaluate the services provided by Appleton Health Department staff. This annual meeting also provides an opportunity to discuss the number of contracted service days and rates for next year. Feedback from the contracted communities remains positive. Appleton benefits from sharing the cost of the program including equipment and ongoing training of staff.



“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.”

In the first quarter of 2010, the Department sponsored several H1N1 influenza vaccination clinics. Due to the high demand, these clinics were held at Northland Mall January 7th, January 19th, January 28th and February 25th. In addition, H1N1 and seasonal influenza vaccine continued to be offered at our monthly immunization clinics. More than three thousand doses were administered in 2010.

This year the department again partnered with the Appleton Area School District (AASD) and provided Influenza vaccine clinics to all City and School District staff, elected officials and their family members. Multiple clinics were offered this year making it convenient to receive this year's vaccine. This is a cost effective way to reduce sick leave as influenza illness often results in several days of missed work. This year 1,274 doses were provided to AASD and City staff and their families.



As part of our Agent agreement with the Department of Agriculture, Trade, and Consumer Protection, the Environmental section is periodically asked to collect local food samples and food contact surface swab samples from licensed establishments for routine testing at the State Lab. We randomly collected 10 surface swab samples at each of three retail food stores, looking for presence of Listeria. One location, Jacob's Meat Market, was found positive with non-pathogenic Listeria. The department issued an order for sanitizing all equipment. After thorough cleaning and sanitizing, follow-up swabs were negative for Listeria. Food product samples were also collected throughout this process and were all negative for Listeria. The business was instructed to clean and sanitize working surfaces. Then additional swab samples were collected and we again found non-pathogenic Listeria. The business was again instructed to clean and sanitize working surfaces. Follow-up swabs yielded both non-pathogenic and pathogenic Listeria. After thorough cleaning and sanitizing, follow-up swabs were negative

for Listeria. Food product samples were also collected throughout this process and were all negative for Listeria.



In March, Kurt Eggebrecht and Tim Mirkes, R.S. attended a Wisconsin Department of Natural Resources (WDNR) sponsored Wisconsin Vapor Intrusion Roundtable. Presented was an overview of United States Environmental Protection Agency (USEPA) Vapor Intrusion Standard Operating Procedure & Sampling Protocol. This was followed up with an on-site demonstration of sampling being done at a current Brownfield's site in Appleton. Vapor intrusion is a way that chemicals in soil or groundwater can get into indoor air. Chemicals can spill on the ground at a factory or leak from an underground storage tank. These chemicals can seep down into the soil and groundwater. Some chemicals can also travel through soil as vapors. These vapors may then move up through the soil and into nearby buildings, contaminating indoor air.

During the week of August 23, 2010, the USEPA, WDNR and the Wisconsin Department of Health Services (WDHS), with assistance from the Appleton Health Department, conducted an environmental study throughout the neighborhood north of W. Wisconsin Avenue at N. Superior Street and N. Clark Street. The study was to determine that perchloroethylene (PCE), a dry-cleaning chemical previously spilled at Sterling Dry Cleaners, (formerly So's Dry Cleaners) at 304 W. Wisconsin Avenue, contaminated the soil or groundwater in the surrounding neighborhood. Then, during the week of September 20, 2010 the USEPA excavated approximately 150 tons of contaminated soils and installed sub-slab depressurization systems at an impacted residence.



This year Public Health Nursing staff investigated four reported outbreaks of Gastrointestinal illness in long term care facilities. Norovirus was identified by positive lab testing in three of the four outbreaks. One outbreak had an undetermined pathogen. In addition to providing stool kits for the testing, staff provided prevention education and support to facility staff. Detailed outbreak summary reports were provided to the Board of Health.

One suspect case of TB was diagnosed as a clinical, non-infectious case. Treatment was started using multiple drugs. Public Health Nursing staff provided Directly Observed Therapy (DOT) Monday through Friday based on Wisconsin Department of Health Services (WDHS) guidance. Four additional TB suspect cases needed to have sputum specimens tested at the State Lab of Hygiene to rule out active TB due to abnormal chest x-rays or TB symptoms. All had final negative test results and two started preventive therapy by physician order. These suspect TB cases are time intensive for Department staff.

In 2010, five bats and one dog were shipped for rabies testing following contact or possible contact with humans. All were negative for rabies.

Environmental Health staff conducted 13 food stand inspections at the annual Art in the Park event on July 25, 2010. Although no major issues were found during the inspections, this program assures the public's health and safety.

Each year in August, the Oktoberfest organizers provide training to the participants of Oktoberfest. They require attendance at one of two scheduled vendor-training meetings in order to participate in the event. Again this year, an additional "short" meeting was added for the seasoned veterans – those that have attended the meetings for at least five years with no Health Code violations. Health Department staff provides both the food service training and Weights & Measures requirements.



The Police and Fire departments, as well as the Chamber of Commerce personnel, relay other important information to the vendors during these training meetings to keep the event safe.

This year, there were over 200 people present at the training meetings. One organization failed to participate in a training meeting resulting in non-participation by that organization at License to Cruise.

There were 100 food stand inspections and 6 re-inspections conducted by the Health Department during License to Cruise and Oktoberfest this year. Ten (10) food stand inspections were conducted at License to Cruise. Eighty-Nine (89) non-profit food stand inspections and one (1) for-profit food stand inspection were conducted at Oktoberfest. Of the 100 stands that were inspected this year, 70 food stands had no violations at the time of the inspection (70%). There were a total of 39 violations recorded at 26 food stands during Oktoberfest and 5 total violations found at 4 food stands at License to Cruise.



In addition to the Health inspections, Weights & Measures staff provided inspections at the Oktoberfest celebration on September 25, 2010. There were 37 vendors inspected for Weights & Measures 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 must be fully labeled and sold either by weight or measure, depending on the product type. There were 3 violations found.

Public Health Nurse Ann Steele, R.N. and three nursing students assigned to the Department have assisted with Medication Sorts of discarded medications delivered to the drop box at the Police Department. These sorts took place at the Outagamie County Recycling Center.

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

This year department staff provided trainings and educational seminars to various groups on a variety of health topics including:

January 13th Kathy Stromberg, R.N., BC provided information on the current status of H1N1 pandemic and encouraged listeners of the Hmong radio to access the vaccine. Local clinic information was shared.

February 2nd Tricia Promer, R.N. provided information on Appleton Health Department Maternal Child Health services for the Teen Parent Support Group at East High School.

Also in February, Michelle Roberts, R.S. provided food safety training to twenty participants in preparation for the annual Xavier Food Fair, which was held the first Sunday in May. Providing food safety education to individuals that do not normally cook for large gatherings helps to reduce mistakes that could cause a food borne outbreak.

February 23rd Health Officer Kurt Eggebrecht provided information to all Library staff on Public Health, communicable diseases and an H1N1 update.

March 12th UW-Green Bay Nursing Student Leslie Lehrer, R.N. (student intern) provided information on hand washing and basic preparation actions for a pandemic to parents and children participating in a Habitat for Humanity education day at the Appleton YMCA. Thirty children and twenty parents attended.

March 15th Kathy Stromberg, R.N., BC provided information on communicable diseases for the Fox Valley Child Care Providers group at Plamann Learning Center. Thirty-one providers attended.

May 12th City Sealer Eric Maggio spoke at the annual Appleton Downtown Inc. Farm Market meeting held at the City of Appleton Library. Vendors attended the meeting to receive information regarding recent changes in policies as well as going over rules. Weights and Measures staff tested 13 farm market vendors scales as well as provided package and labeling approvals. The meeting, which is mandatory, provides a great foundation and results in high compliance throughout the Farm Market's summer duration.

May 18th Kathleen Sprangers, R.N. talked to parents participating in the Even Start Literacy program at McKinley School about lead poisoning and hazards. There were 55 Hispanic and 10 Hmong parents in attendance. They learned about lead poisoning hazards through the use of interpreters. Particular emphasis was placed on lead sources that affect these populations, such as folk remedies and candies from Mexico. They learned about the hazards of the older, more affordable housing stock that has old lead paint as well as other potential lead sources. The program was well received by the group.

The Appleton Health Department has continued its involvement with the Wisconsin Quality Improvement (WIQI) project. After conducting a stakeholder meeting with local restaurant and bar owners held in May, the team decided to move forward with an online restaurant inspection report project. The reports are entered into an excel spreadsheet and this document gets uploaded to the Health Department website once a week. The Post Crescent highlighted this project in the Buzz Blog section and the reader comments posted on the site were very positive. The Institute for Wisconsin's Health, Inc. created a You-Tube video on this project which was highlighted at their national conference as an explementary Quality Improvement Project. The video can be found at the Health Department's web site: www.appleton.org/departments or directly at <http://www.youtube.com/watch?v=8-qVqifofjU>.

June 11th Health Officer Kurt Eggebrecht presented to the AASD Board the findings of the school enhanced illness surveillance conducted during the past school year. H1N1 illness symptoms were separated from other reasons for students being absent. This data assisted the agencies in tracking the novel virus as well as in making educated decisions regarding potential school closings.

On June 17th and June 29th, 2010, Kathy Stromberg, R.N., BC provided TB Skin Test training for 23 staff at Primary Care Associates. Training included discussion of TB epidemiology, Skin Testing policy and procedures and skill testing with practice models.

July 27th Kathy Stromberg, R.N., BC provided an orientation to Public Health, Safe Sleep update and a TB information session to eleven residents at the UW Family Health Clinic.

August 9th Kathleen Sprangers, R.N. provided information on Immunizations and Child Lead Poisoning Prevention to mothers attending the Mom and Me group held at Appleton Medical Center.

In September Steve Kihl, R.S. provided a food safety presentation to 30 volunteers of the soon to be opened warming shelter.

September 16th Kathy Stromberg, R.N., BC provided members of the Hmong American Partnership an update on the services of the Appleton Health Department.

October 20th Nurse Supervisor Kathy Stromberg, R.N., BC presented on Appleton Health Department Crib Safety Program for 31 Outagamie County Social Workers.

October 22nd Kathy Stromberg, R.N., BC presented on Tuberculosis for approximately 63 UW Oshkosh Nursing students.

October 23rd Kathy Stromberg, R.N., BC presented at the Hmong Community Awareness Workshop at the Hmong American Partnership. Information on Influenza and Safe Sleep was well received by 22 participants.

November 4th Tricia Promer, R.N. presented on the Role of the Public Health Nurse for

Appleton East High School Careers Class students.

November 19th Tina Pelishek, R.N. presented on current Public Health Issues for five sessions of Appleton West High School Health Class students.

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

In January the Fox Valley Public Health Preparedness Consortium merged with two other existing consortia, one to the north and the other to the south, to become the Northeast Wisconsin (NEW) Public Health Preparedness Consortium. The NEW Consortium expands from the eleven local health departments covered by the Fox Valley Consortium to cover twenty-five local public and tribal health agencies throughout the region.



The NEW Consortium is staffed by three employees within the region--one employee each at City of Appleton, Brown County and Fond du Lac County, respectively--positioned to assist the local agencies with their emergency preparedness efforts. Consortium staff began the year working under the advisement of the Consortium Steering Committee to determine the primary responsibilities for the 2010 Public Health Emergency Preparedness (PHEP) contract objectives, which include planning, training, exercising, measuring performance and developing considerations for at-risk populations within each agency's communities.

Preparedness Coordinator, Jon Lee, now provides technical expertise in emergency preparedness to the 25 local public and tribal health agencies throughout the region.

This year Jon organized a workgroup to review and update the 2010 Public Health Emergency Plan (PHEP) for each agency in the consortium.

In Spring, Jon created a new bi-monthly "newsletter," or summary of preparedness updates, which is sent out to the NEW Consortium members. The purpose of developing these updates is to provide agencies with timely information related to completing their grant objectives during the months opposite of the bi-monthly consortium meetings. Consortia members have provided positive feedback regarding the creation of the newsletter.

Over 20 individuals from NEW Consortium agencies attended a course during the first week of June on the Homeland Security Exercise Evaluation Program (HSEEP) process. HSEEP training enables local health department staff to plan for, design, facilitate and evaluate preparedness exercises. It also gives participants the ability to host after action meetings following an exercise or real event to identify agencies' strengths and primary areas for improvement and develop corrective actions and formal improvement plans.

Jon Lee also participates on the following workgroups and committees:

Public Health Emergency Plan (PHEP); Health Care Forum; Volunteer Management; Special Needs; WHEPP Region 6 (Wisconsin Hospital Emergency Preparedness Program); and Core Competency Development.

In August, the Health Department staff convened a meeting with hospital partners, the American Red Cross, and emergency management to address sheltering individuals with functional or medical needs during an evacuation. This group, along with the Outagamie County and Calumet County Human Services departments will continue to meet throughout this year as well as in 2011 to develop a comprehensive plan.

During the months of August and September, Appleton Health Department staff was provided training on the updated Public Health Emergency Plan. This training explained the changes and updates to the plan as well as provided an overview of each section of the plan and resource documents available to staff. Training was also provided on risk communication. The training addressed all staff roles in risk communication, provided an overview of disaster behavior, and addressed the way social networking sites are changing risk communication.

During the weeks of August 17th and August 24th, Becky Lindberg, R.N. provided TB skin testing for the staff of the Emergency Shelter and Salvation Army. This is a surveillance activity to monitor TB trends in Appleton.

Public Health Nurse Becky Lindberg, R.N. also provided annual TB skin testing for Fire, Police and Library staff. This routine testing provides an important indicator of TB incidence in the community as well as assuring employee health.

Our department's Administrative staff prepared written protocols and guidelines for the new Customer Service Center. It is anticipated that Health Department services and phone coverage will transfer to this new location in the first quarter of 2011.

“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.”

Our department is proud of the many collaborative relationships we have with other community agencies.

Once again this year we recognize that we have accomplished more through the partnerships including the following:

On March 23rd our Department hosted a Thank You luncheon where we recognized and provided key stakeholders in our H1N1 community response with a Public Health Partnership Award. H1N1 touched everyone in some manner. In Appleton alone we organized 22 clinics and with the help of our partners, provided more than 12,000 vaccinations. Twelve of these clinics were school based and occurred in three weeks time.



Health Officer Eggebrecht recognized City staff from nearly every city department who contributed in important ways from logistics and planning to data entry of immunizations. We could not have done it alone. Eggebrecht also singled out Health Department staff who dedicated themselves not just for days or weeks, but for months to meet this challenge. Much of their work took place behind the scenes from fielding hundreds of calls to reviewing thousands of consent forms, from receiving and storing vaccine to planning and logistics at each clinic location. These staff members never once complained about the long hours or physical demands.



The following Community Organization received the Public Health Partnership Award: Thrivent Financial for Lutherans, who has been a public health preparedness partner with the department since 2002. Thrivent employees volunteered at each of our public H1N1 clinics assisting folks fill out consent forms and helping with traffic flow.

The Public and Private Schools also played a major role in our community response. Each K-12 school increased their illness surveillance to include influenza like illness and reported these findings to the Health Department. The schools also distributed and collected vaccination consent forms and opened up their facilities to allow for on-site clinics. Appleton Area School District Nurses assisted at the public school based clinics.

The Health Care partners from Affinity and ThedaCare supported our public and school based clinics by recruiting vaccinators from their work force. We also worked closely with the media relations staff within both systems in order to assure and provide accurate information to the public.

The final Public Health Partnership Award went to Northland Mall who provided at no cost space for us to conduct public clinics. They also provided facilities staff to arrange tables and chairs and support at all of the clinics held at their location. The foot traffic of thousands of people in the middle of winter coming to these clinics created a mess.

Northland Mall was a perfect location with ample parking and on a direct bus run and large spaces to keep our lines of people moving in a climate controlled environment.



Two interagency collaborations have developed as a result of child/teen deaths in Appleton and Outagamie County. Interested agencies are meeting related to Lesbian, Gay, Bisexual and Transgender (LGBT) youth and how to provide competent safe services. Research has shown that LGBT youth are at greater risk for suicide. Several department staff are participating.

A Safe Sleep Action Team has been initiated by the Outagamie County Death Review Team as a result of ongoing infant deaths related to unsafe sleep environments. Public Health nurses Kathy Stromberg, R.N., BC, Tina Pelishek, R.N. and Becky Lindberg, R.N. are part of this team.

Public Health Nurse Trish Schuldes, R.N. was a member of the planning committee for the Teen Parent Conference held at Fox Valley Technical College on May 7, 2010. This is a cooperative effort of agencies serving teen parents including students of the Appleton Area School District.

In May of 2011, the Joint Conference of the Wisconsin Public Health Association and Wisconsin Association of Local Health Departments and Boards of Health will be held in Appleton. Health Officer Kurt Eggebrecht is serving as co-chair of the annual conference planning committee. This year's theme is "Healthiest State in One Generation."

The second annual Butterfly Festival took place at City Park on June 19. The Department has supported this event, as all proceeds benefit Family Services Inc. Parent Connection Program. Our public health nurses often refer clients to this program designed to reduce child abuse and neglect. Health Officer Eggebrecht serves on the Board of Directors of Family Services Inc.



Leading up to the July implementation of the State Clean Indoor Air Law, Health Officer Eggebrecht was consulted and he provided implementation guidance regarding smoke free work places to several committees throughout the State as well as tobacco control staff at the State.

September 27th, Health Officer Eggebrecht and Emergency Shelter Executive Director, Deb Cronmiller led the Board of Directors and staff of the shelter through an annual Strategic Planning session. Eggebrecht currently serves as President of the Board.

October 4th-6th, Health Officer Kurt Eggebrecht participated in the Nobel Conference held at Gustaves Adolphus College in Minnesota. As an invited guest of the Appleton Education Foundation, he joined 67 other Appleton representatives from area public and private schools, universities, technical college and community members. This year's conference was "What Makes Food Good" and researchers examined topics from human health to the health of planetary ecosystems; from nutraceuticals to culturally appropriate foods; from community gardening to fuel crops to genetic modification and food security. October 18th Eggebrecht joined two other participants and discussed the conference on WHBY radio.

Health Officer Eggebrecht serves on the (L.I.F.E.) Local indicators for Excellence Advisory Committee. The Department once again joined with local health departments and area healthcare systems to support the Behavioral Risk Factor Surveillance Survey (BRFSS). These survey results contribute to the Health chapter of L.I.F.E. Report.



The Behavioral Risk Factor Surveillance Phone Survey was conducted from November 2010-January 2011. This survey, conducted every 5 years, provides important health data which allows us to examine trends in lifestyle and risk of premature illness. This project is an ongoing partnership with Appleton, Neenah and Menasha Public Health Departments along with Affinity and ThedaCare health systems. The phone survey is conducted by St. Norbert survey research lab.

On November 22nd, several department staff met with representatives from the State Division of Public Health, AIDS Resource Center and community members to review the results of our stepped up outreach and education effort to address a cluster of new HIV infections that occurred in the Valley last year. Although these efforts have shown a dramatic reduction (no new cases reported) we have agreed to seek opportunities and funding for an ongoing targeted education/awareness campaign.

Public Health Nurse Ann Steele, R.N. was involved in the planning of Celebration World AIDS Day held at Harmony Café December 1st. She provided a presentation on her experiences as a Public Health Nurse working in the Partner Referral Services program and gave historical perspectives. Approximately 100 individuals attended.



“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.”

January 28th City Sealer Eric Maggio and Weights & Measures Specialist Keith Verhagen represented Appleton and the East Central Weights & Measures Consortium at the annual policies and procedures meeting administered by State Weights & Measures. Those attending were provided training on updated policies and inspection procedures.

February 24th City Sealer Eric Maggio hosted the quarterly Weights & Measures meeting in Appleton. Local city sealers and state inspectors attended the meeting along with state management. The meeting provided information regarding recent changes in policies as well as the current package checking state survey. Keith Verhagen, Jim Richter, Michelle Roberts R.S. and Steve Kihl R.S. all attended.

February 24th the Healthy Infant and Child Alliance sponsored a training “Darkness into Light” on sexual abuse. Ann Steele, R.N., Becky Lindbergh, R.N., Trish Schuldes, R.N., Tina Pelishek, R.N. and Tricia Promer, R.N. attended.

March 16th Kathy Stromberg, R.N., BC attended the educational seminar “Promoting Mental Health and Preventing Suicide: Building Safer Communities” sponsored by Lawrence University. The next day Trish Schuldes, R.N., Pam Wampole, R.N. and Becky Lindberg, R.N. attended the professional training piece “Advanced Clinical Assessment and Treatment of Suicidal Risk and Behavior” at Lawrence University. These sessions were supported by a Substance Abuse and Mental Health Services Administration (SAMHSA) grant and JJ Keller grant.

On April 9th Tina Pelishek, R.N., Trish Schuldes, R.N., and Becky Lindberg, R.N. attended “Creating Great Connections” training on infant brain development hosted by Waushara Tri-County Healthy Babies Coalition.

Kathy Stromberg, R.N., BC attended the Youth Worker Conference on April 21st at

Liberty Hall. Topics addressed included Suicide Prevention, Gang Activity in the Valley, Domestic Violence and working with Lesbian, Gay, Bisexual and Transgender Youth.

Also on April 21st Tina Pelishek, R.N., and Trish Schuldes, R.N. attended the Northeast Regional Maternal Child Health/Prenatal Care Coordination meeting at the Outagamie County UW-Extension.

On April 28th the Healthy Infant and Child Alliance sponsored a presentation by the staff of the Children and Youth with Special Health Care Needs regional program. Becky Lindberg, R.N., Ann Steele, R.N., and Trish Schuldes, R.N. attended.

The regional Communicable Disease Seminar, sponsored by Wisconsin Department of Health Services, was held at the Radisson Paper Valley on May 5, 2010. Kurt Eggebrecht, Jon Lee, Lauren Jones, Ann Steele, Tina Pelishek, Kathy Stromberg and Erin Pamperin (Bellin Student) attended. The Appleton Health Department participated in the Poster Session with a Poster Board Presentation on the March 2009 Meningococcal Cluster that occurred in three Appleton student age young adults.

In May, all Department staff participated in an off-site team building activity held at High Cliff State Park. This past year was challenging due to H1N1 related activities, so we enlisted the support of Human Resources and our EAP vendor, Employee Resource Center, to lead activities which gave all staff members a chance to learn how to better manage their network with one another. Staff feedback was very positive and follow-up activities have been conducted.



July 13th, Christine Breuning from the Northeast Regional Center Children and Youth with Special Health Care Needs provided an in-service on Ages and Stages 3, the updated developmental screening tool used by Public Health Nursing staff.

Zip Johnson from the Wisconsin Department of Health Services presented a Vector-borne training at the Menasha Library for Public Health staff on August 31. Staff attending were Ann Steele, R.N., Trish Schuldes, R.N., Tina Pelishek, R.N., Tim Mirkes, R.S., Lauren Jones and Kurt Eggebrecht.

September 9th, Kathy Stromberg, R.N., BC attended the Northeast Region State Lab of Hygiene meeting. For one of the sessions, she participated as a panel member in a discussion on the local public health role in emergency response to a possible biological situation.

September 21st, Tina Pelishek, R.N. participated in the Fall Prevention Expo for seniors at the Thompson Community Center. This event was sponsored by a number of community agencies to support Fall Prevention Awareness Month.

Tina Pelishek, R.N., Becky Lindberg, R.N., Tricia Promer, R.N. and Trish Schuldes, R.N. attended a NAMI presentation on Mental Illness in Children and Adolescents sponsored by the Healthy Infant and Child Alliance on September 29th.

Public Health Nurses Ann Steele, R.N., Tina Pelishek, R.N. and Becky Lindberg, R.N. participated in the NAMI Crisis Intervention Partner (CIP) Training October 20 & 21 at the Bordini Center. Staff shared that this was one of the best Mental Health related trainings that they have attended.

In October, Environmental Health Supervisor Tim Mirkes, R.S. successfully completed a Wisconsin Food Code Standardization maintenance exercise with a state evaluator from the Department of Health, Food Safety & Recreational Licensing section.

The purpose of standardization and maintenance is to promote statewide uniformity in the Food establishment inspection process. It also focuses on risk factors that contribute to food borne illnesses.

Public Health Nurses Ann Steele, R.N. and Trish Schuldes, R.N. participated in QPR (Question, Persuade, Refer) Suicide Prevention Training November 8th. held at Outagamie County Public Health Department, while Becky Lindberg, R.N. also participated in the QPR Suicide Prevention Training held at the Healthy Infant and Child Health Alliance on November 17th.

Public Health Nurses Ann Steele, R.N., Trish Schuldes, R.N. and Tina Pelishek, R.N. attended a training at Harmony Café on Domestic Abuse and Effects on Children presented by Harbor House Staff.

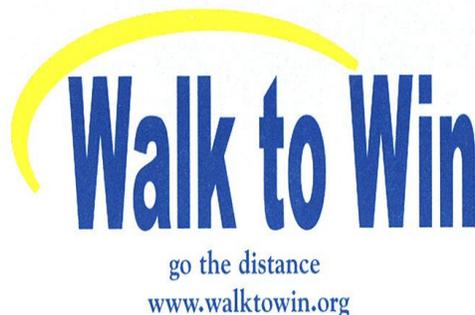
May 19th & 20th, Captain Rudy Nyman of the Appleton Police Department and Health Officer Kurt Eggebrecht attended an FBI sponsored training titled "Joint Criminal & Epidemiological Investigation Workshop" in Milwaukee.

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

Public Health Nurse Trish Schuldes, R.N. provided Communicable Disease information for parents adopting through Lutheran Social Services on April 28, 2010.

On Saturday, June 19, Becky Lindberg, R.N. staffed a booth at the Project Promise Resource Fair from 8:00 a.m. until noon. Information included a poster board on Safe Sleep and information on services available through the Health Department.

In its eighth year, the Walk to Win program is still going strong. Area health departments have partnered with health care and several non-profit organizations to coordinate this program. The goal of the program is to increase the number of people who engage in physical activity per day, and to help them reach the goal of achieving at least thirty minutes of physical activity five times per week. This year's program kicked off at the Timber Rattlers Stadium on August 30, 2010. Participants could register for the program and receive a free bag or water bottle. This year, 3,942 individuals registered for the program and 3,434 of those registered completed the program. By completing this three-month program, participants are able to create and maintain a lifelong healthy habit. Residents of Calumet, Outagamie and Winnebago counties are eligible.



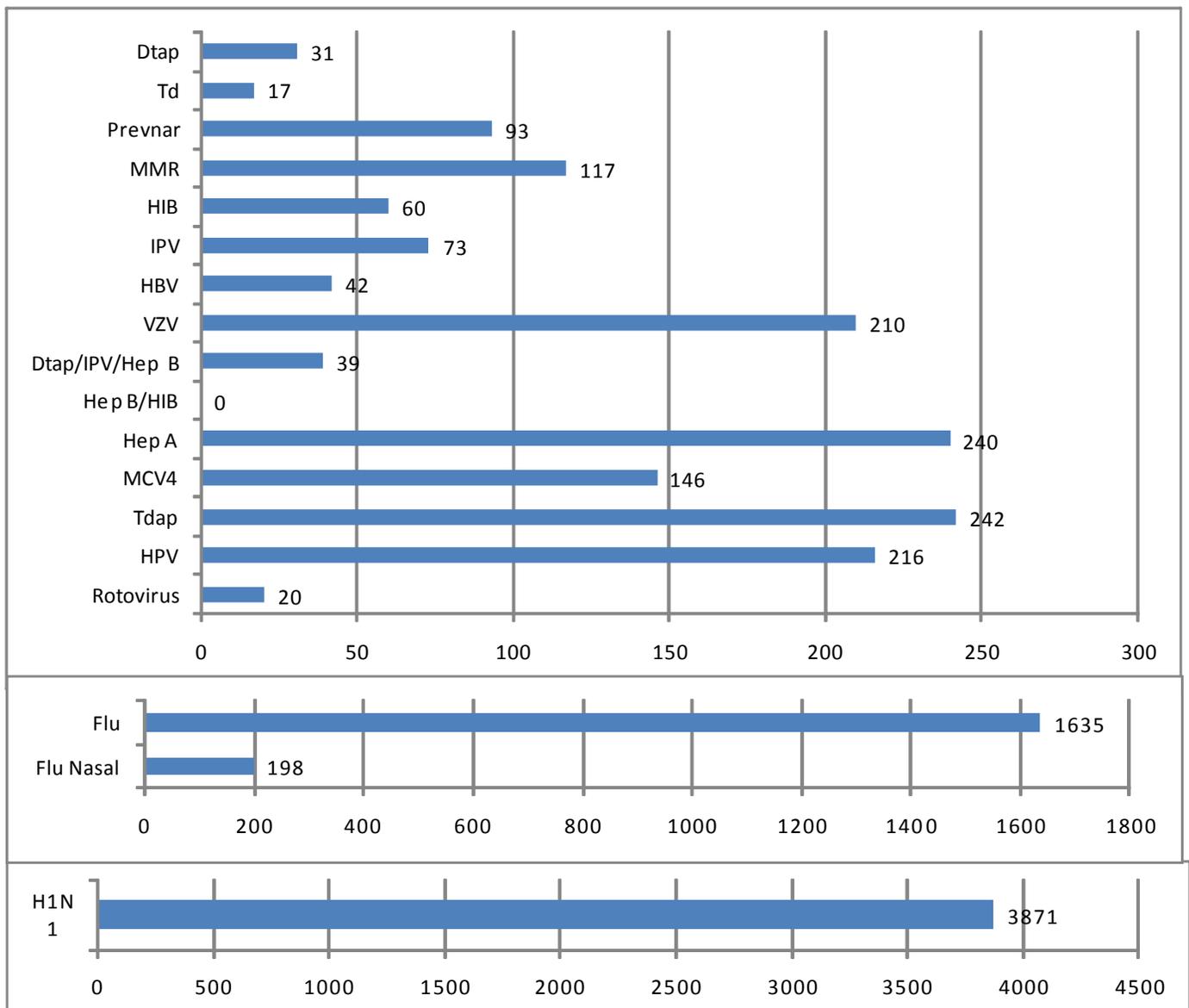
Preventing Disease

COMMUNICABLE DISEASE PROGRAM

Communicable disease services are designed to prevent disease and promote health in the community. Epidemiological and regulatory service 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 and Spanish speaking residents. Influenza clinics were offered in the fourth quarter to target at-risk individuals. Both seasonal and H1N1 clinics were provided. Hepatitis A & B vaccine was offered to non-insured high risk adults through a special Wisconsin Department of Human Services program. In 2010, 6,147 clients received 7,357 doses of vaccine. H1N1 vaccine contributed to 3,871 of those doses.

Vaccines Administered in 2010



Participation in the Northeast Wisconsin Immunization Coalition has focused efforts 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 all cases and contacts. It is estimated for every case of confirmed disease reported, an average of two contacts are identified and counseled.

In 2010, Appleton continues 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.

This year we completed our response to the 2009 H1N1 pandemic. Five H1N1 vaccine clinics were held and H1N1 vaccine was offered at regular Immunization Clinics through June.

In 2010, nursing staff worked with the Department of Health Services to control Norovirus outbreaks in four long term care facilities. Lab testing, staff education and symptom monitoring services were provided. Also, nursing staff assisted a long term care facility with a respiratory illness outbreak.

In addition to the investigations indicated in the appendix table, the Department received 15 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 physicians. One clinically diagnosed case of Tuberculosis was followed daily, Monday-Friday, for 6 months of directly observed therapy.

Tables showing numbers of cases and rates per 1000 population for all gastroenteric and sexually transmitted diseases are located in Appendix II. Additionally, Appendix II 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. Partner Services Public Health Nurse works closely with ARCW (Aids Resource Center of WI) Green Bay and Appleton 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 4 referrals received for this program during 2010.

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 2010, one hundred twenty-three (123) individuals were served. One hundred eighty-three (183) lab tests were performed resulting in 31 treatments for positive cases.

Food borne Outbreak Illness Investigation

There was one food borne outbreak investigated and reported to the State Division of Public Health in 2010.

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 2010, the State provided \$2,496 of fee exempt service to the City. A table of exact types and numbers of tests performed is located in Appendix III. Wisconsin Occupational Health Laboratory provided \$885 of fee exempt service analyzing dust wipe samples—part of the Lead Poisoning Prevention Home Visitation Program.

Occupational Health

Collaborative efforts in providing occupational health services related to communicable disease continued in 2010. Efforts include annual TB skin testing for Police, Fire, and Health and 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 and laws. 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 Commerce (COMM) and under the Municipal Code, the Department enforces sanitary and safety regulations for manufactured home communities, formerly known as mobile home parks.

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	2005	2010
SWIMMING POOL WATER SAMPLES		
Total # of pool samples	234	240
Total # of pools re-sampled	1	0
Total positive Heterotrophic Plate Count	N/A	0
Total positive coliform	1	1
RABIES SPECIMENS		
Total # shipped	8	6
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 activities. Data for 2009/10 is compared to 2004/05. In the 2009/10 license year, the Department issued 444 licenses and 209 non-profit food permits compared to 442 licenses and 219 non-profit food permits in 2004/05. In 2009/10, 7 plan reviews were completed and in 2004/05, there were 11 plan reviews completed for new or remodeled establishments. In 2009/10, 50 pre-licensing inspections were conducted for new or change-of-operator establishments compared with 50 pre-licensing inspections in 2004/05.

LICENSES/REGULATED ESTABLISHMENTS 2004/05 COMPARED TO 2009/10

Type of Establishment	Number of Inspections		Number of Consultations		Number of Complaints		Number of Re-inspections & Complaint Follow Ups	
	2004/05	2009/10	2004/05	2009/10	2004/05	2009/10	2004/05	2009/10
Public Eating and Drinking Establishments; Temporary Restaurants; Non-Profits	400	464	499	326	46	31	189	105
Permanent and Temporary Retail Food Establishments	92	116	54	93	12	4	26	24
Lodging Establishments; Rec/Ed/ Campground	8	7	3	6	0	0	3	0
Manufactured Home Communities	1	1	0	5	1	0	0	2
Vending Machines	43	37	1	1	0	1	0	0
Swimming Pools	25	27	9	8	1	1	1	0
Tattoo/ Body Piercing Establishments	9	12	28	13	0	2	2	0

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 visits 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), added to the MCH program in 2002, continues to be well received, serving women with risk factors for a high risk pregnancy, working towards positive birth outcomes. Consolidated contract funds provide additional developmental and social emotional screening services and a comprehensive Home Safety Assessment program.

Sudden Infant Death Syndrome (SIDS) Program

With the continued decrease in Sudden Infant Death Syndrome cases, the Wisconsin SIDS Center is no longer funding Health Department case follow-up. The MCH program staff continue to actively promote the "Back to Sleep" initiatives and Safe Sleep. In addition, the department participates on the Outagamie County 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. The goals of the program are to identify children with elevated blood levels, assess and intervene in those cases, provide information to parents of infants and children under the age of six about lead poisoning before the child is potentially exposed, increase awareness of the problem, and provide public education on how to reduce this risk to Appleton's children. This is a cross-disciplinary project involving both nursing and environmental health staff. Interpreter services are utilized when working with non-English speaking families such as Hmong and Hispanic. Efforts are coordinated with WIC offices, where many children are screened. All laboratories are required to report blood level testing results on children ages six years and under to the Wisconsin Department of Health Services, who in turn, report to local public health agencies. These reports are investigated according to Department policy depending on the reported levels. Intervention efforts range from sending out information packets, education via a phone call and/or a home visit to conducting joint environmental/nursing inspections to determine lead sources.

Education and outreach efforts continue to include posting relevant articles and website links on the Health Department web page, as well as participation in the Fox Valley Lead Task Force, Fox Cities Housing Coalition and the Hmong/Hispanic Interagency Coalition. Staff representing the Health Department presented lead outreach information at several public events. These include the annual Appleton Area School District pre-school screening, Mom and Me Classes at Appleton Medical Center, the Hmong radio show, the YMCA Healthy Kids Day and monthly immunization clinics. Lead information outreach includes web addresses that link to the Appleton Health Department website as well as the Wisconsin Childhood Lead Prevention program. In addition, targeted lead outreach documents were translated into Spanish.

A consolidated contract objective was continued this year with a prevention focus for families who were at risk for lead poisoning (i.e. economic status, culture, older housing stock, other identified sources of lead such as toys, mini-blinds, lead in a parent's workplace and ceramics or an overall concern about lead issues).

Staff nurse, Kathleen Sprangers, RN, has been certified as a Lead Sampling Technician, which allows for dust wipe sampling and demonstration of the use of lead check swabs, in addition to education on appropriate cleaning. Cleaning kits continue to be provided at all home visits with the education. A follow-up home visit is offered after dust wipe sampling results are available.

Written materials were made available regarding the recent recalls of toys found to have lead in them—parents are given, upon request, a listing with pictures of all the toys of interest that are recalled due to lead hazards. A binder with the latest lead recalls is shared at each home visit; it includes all recalls regarding lead, including candles, clothing, jewelry and toys.

A lead program referral often comes from WIC staff and then the Appleton Health Department contacts the family via phone call or letter to set up an appointment to get their child/children tested. 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. Referrals are also received from several Community Development Block Grant programs (Housing Partnership, Emergency Shelter of the Fox Valley, Appleton Home Rehabilitation Program) for baseline lead levels and lead poisoning education.

Elevations (ug/dl)	2005	2006	2007	2008	2009	2010
Venous Lead Levels > 19 ug/dl	6	2	1	2	2	0
Venous Lead Levels 10-19 ug/dl	3	7	6	4	3	1
Capillary Lead Levels > 10 ug/dl	14	8	14	10	11	8

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

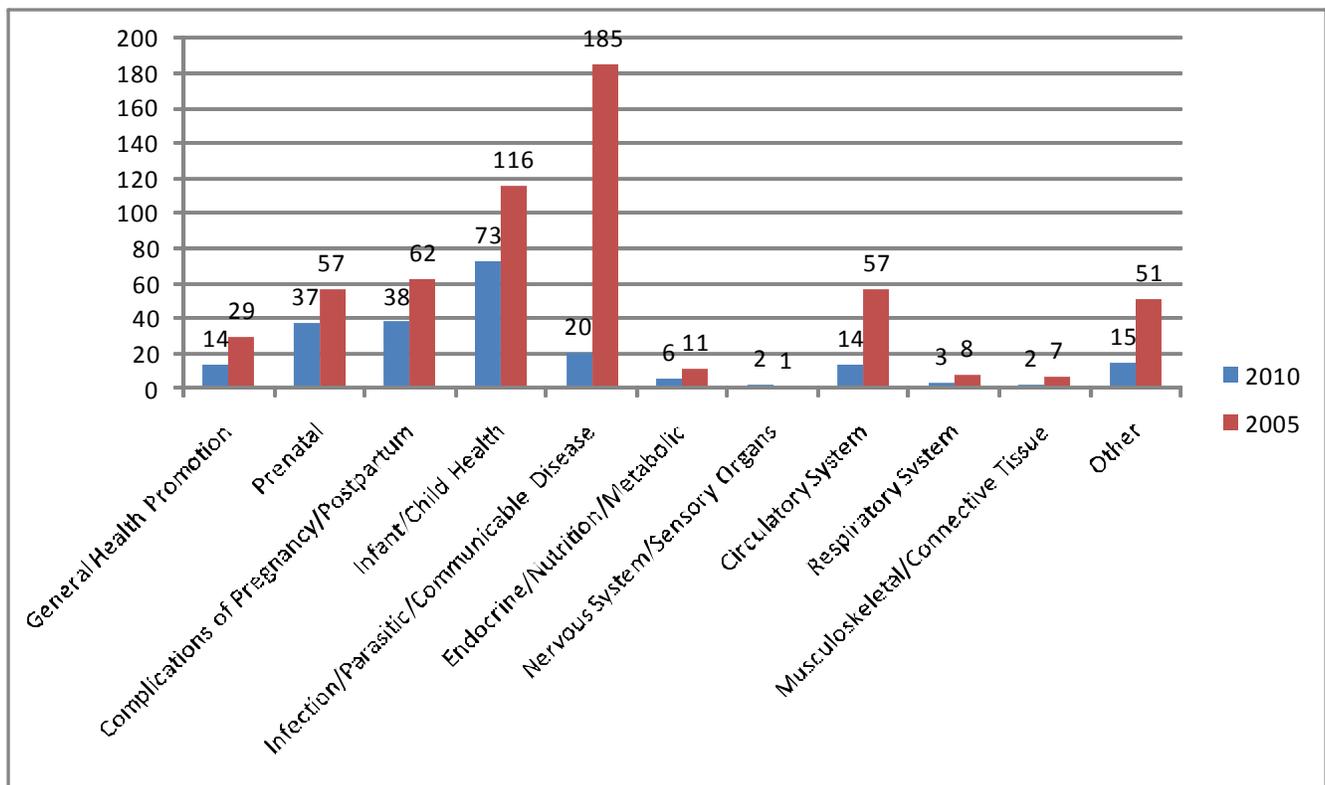
The Public Health Nursing (PHN) caseload consists of individuals and families with complex health problems. The Department received a total of 1,021 referrals in 2010. A total of 1,165 visits, including admission and discharge visits, as well as phone consultations were made to these clients. This compares to 1,558 visits in 2009.

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	2005	2006	2007	2008	2009	2010
Family	1	0	1	2	0	2
Maternal/Child (Includes Birth Certificates)	992	1004	953	1080	974	1009
Adult/Elderly	31	23	17	14	15	10
Rate/1000	13.35	14.26	13.45	15.16	13.66	14.07

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.

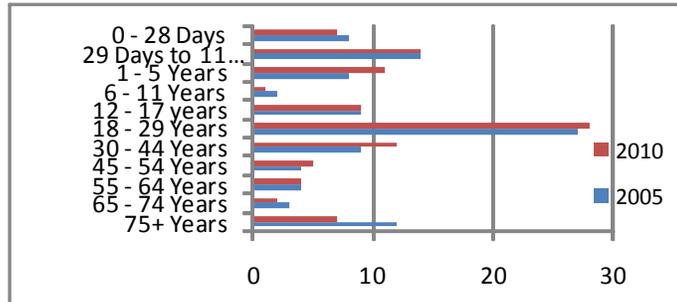
PUBLIC HEALTH NURSING CLIENTS BY PRIMARY PROBLEM



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.

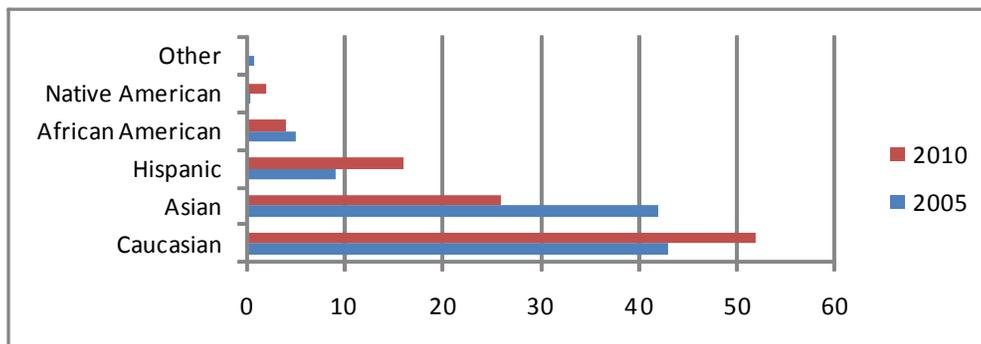
The following graphs describe the 2010 Public Health Nursing caseload by age and race/ethnicity.

PUBLIC HEALTH NURSING CLIENTS BY AGE



PERCENT CASELOAD

PUBLIC HEALTH NURSING CLIENTS BY RACE

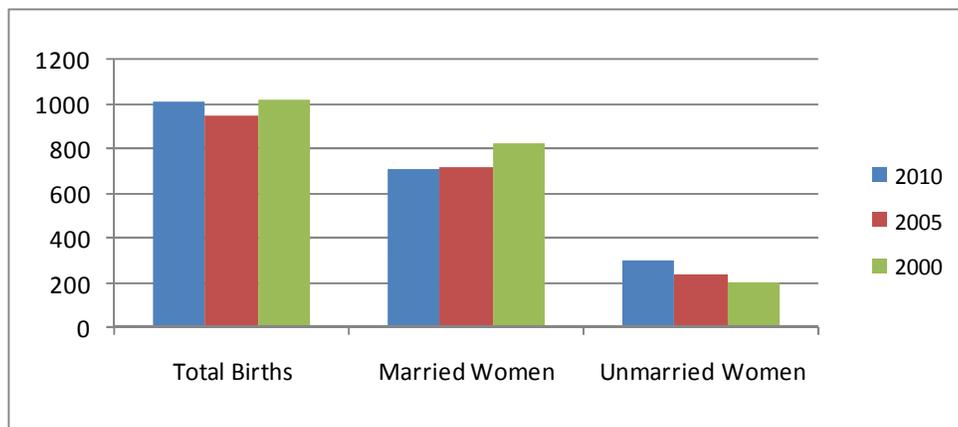


PERCENT CASELOAD

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

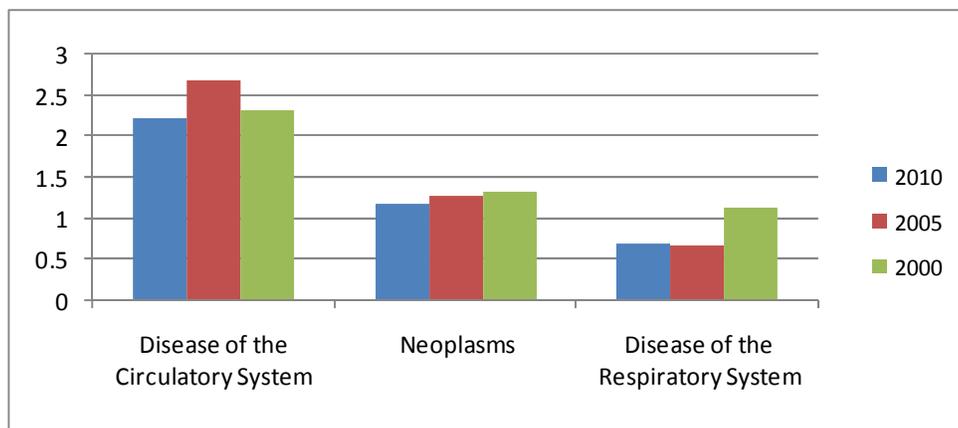
Vital Statistics are maintained for monitoring the morbidity and mortality and as an aid in program planning. Appleton's population increased from 72,400 in 2009 to 72,563 in 2010. The crude birth rate per 1000 population for the State in 2009 was 13.26. For the City of Appleton in 2010, it was 13.94. The graph below shows crude birth rates based on marital status comparing 2010, 2005, and 2000.

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 Appendix VI 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 2010, there was a 4% 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 Department scale test.

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 Licenses.

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

ESTABLISHMENT TYPE	2008	2009	2010
Food and Convenience Stores	107	148	138
Restaurants	19	33	19
Bakery and Candy Stores	9	9	9
Dairy Plants and Stores	13	5	6
Drug Stores	14	11	17
Hardware Stores	18	19	17
Variety and Department Stores	57	78	74
Gas and Service Stations	47	33	37
Salvage Dealers and Recyclers	11	10	8
Pet Shops and Garden Centers	11	9	7
Industrial Manufacturing Plants	6	9	9
Concrete-Asphalt Plants and Road Materials	25	15	20
Transient Merchants (markets; product; seafood)	201	200	188
Package Shipping and Freight	14	15	14
Service Laundries and Dry Cleaners	1	1	1
Government Agencies	13	14	15
Solicitors and Door to Door Merchants	20	112	181
Close-out Business and Termination Sales	3	7	2
Second Hand Dealers	28	34	37
Laundromats, Car Washes, and other Timing Devices	8	4	6
Miscellaneous	1	2	2
Mobile Petroleum Dealers	47	47	38
Airports and Marinas	2	0	0
Charitable Solicitors *	20	N/A	N/A
TOTAL	695	815	845

* 2008 was the last year inspecting this category

DEVICES TESTED BY TYPE, YEAR AND PERCENT OUT OF COMPLIANCE

TYPE OF DEVICE (% OF NONCOMPLIANT)	2008	2009	2010
Scales and Balances	498 (9.8%)	558 (4.6%)	578 (3.7%)
Measures (Include Gas Pumps & Fuel Oil Truck Meters)	1086 (6.1%)	1034 (4.2%)	1052 (6.7%)
Weights	56 (1.8%)	41 (0%)	56 (0%)
TOTAL	1,640	1,633	1,686

RESULTS OF PACKAGED COMMODITIES TESTED BY YEAR

PACKAGED COMMODITIES TESTED	2008	2009	2010
Total Units of Product Investigated	31,890	50,955	62,173
Random Sample Size	4,219	9,379	10,372
Total Products/Unit Found Short Weight (% short)	1,213 (3.8%)	3,115 (6.1%)	2,643 (4.3%)
Total Products/Unit Found Mislabeled (% mislabeled)	2,216 (6.9%)	3,352 (6.6%)	4,429 (7.1%)

PRICE SCANNING INSPECTIONS

PRICE SCANNING INSPECTIONS	2006	2007	2008	2009	2010
Number of Inspections	99	92	111	123	143
Number of Items Scanned	3,233	3,062	3,518	3,836	4,386
Pricing Errors Found	143 (4.4%)	134 (4.4%)	152 (4.3%)	130 (3.4%)	177 (4%)

CONSUMER COMPLAINTS BY TYPE AND YEAR

TYPE OF COMPLAINT	# Received 2008	# With Violations 2008	# Received 2009	# With Violations 2009	# Received 2010	# With Violations 2010
Foods	1	0	2	2	2	0
Liquid Foods	0	0	0	0	1	0
Non-Food Products	0	0	0	0	1	0
Heating Oil and LP Gas	3	3	0	0	0	0
Firewood	0	0	0	0	0	0
Gas Stations-Pumps	15	3	1	0	2	0
Gas Stations-Service Console	1	0	0	0	1	0
Gas Stations-Price Signage	3	0	0	0	2	1
Gas Stations-Gasoline Quality	1	0	0	0	0	0
Scales-Scrap Metal	4	3	1	0	0	0
Scales-Food	0	0	0	0	0	0
Scales-Other	2	0	1	0	0	0
Scanning	4	3	0	0	2	0
Trade Practices	8	6	0	0	5	5
Advertising	2	1	6	4	1	0
Going out of Business	1	1	0	0	1	1
Temporary Sales	2	2	0	0	0	0
Miscellaneous	3	1	1	0	1	0
TOTAL	50	23	12	6	19	7

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 are received from citizens, police, fire, inspections division of Public Works and county Human Services. There were 144 housing sanitation contacts, including consultations, complaints and follow-up inspections conducted in 2010. This represents 19.5% of non-establishment related Environmental Health program contacts in 2010.

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 121, representing 16.4% of contacts in 2010.

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 26 contacts related to rodent control in 2010, up from 2009, where there were 6 contacts.

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	# Consultations		# Complaints	
	2005	2010	2005	2010
Community Water Supply	0	0	0	0
School/Day Care	8	7	3	0
Surface Water Pollution	1	20	0	7
Animal Nuisances	12	10	4	4
Rabies Control	27	21	0	0
Insect Control	19	18	8	7
Rodent Control	4	9	9	6
Hazardous Substance Control	8	9	1	1
Air Pollution-Indoor (Mold)	24	71	20	28
Air Pollution-Outdoor	2	4	5	2
Noise	23	11	15	1
Radon	26	5	0	0
Garbage/Rubbish Nuisance	11	7	39	48
Private Residence/Housing	13	30	46	71
Lead	13	40	3	1
Other Business	N/A	54	N/A	5
Other Programs	N/A	18	N/A	0
Total	191	334	153	181

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:

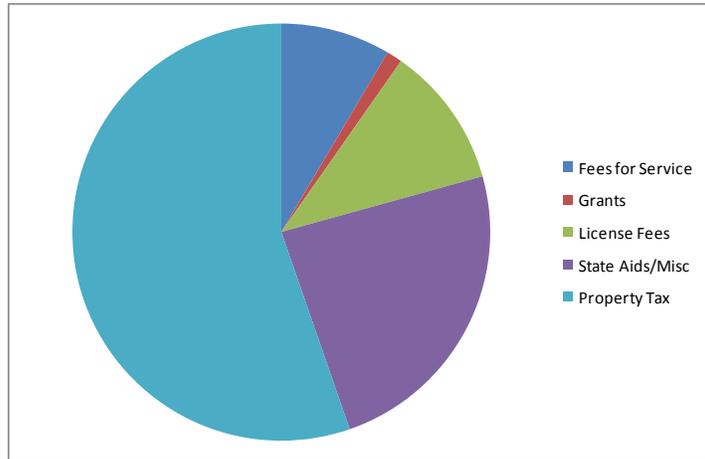
Activate Fox Cities	Northeast Wisconsin Immunization Coalition (NEWIC)
Adolescent Parent/Pregnancy Program	Northeast Wisconsin Public Health Preparedness Consortium
American Public Health Association	OB Unit/Local Health Department Coordination Committee
Appleton Area School Age Parent Advisory Committee	Outagamie County Cancer Coalition
Appleton Medical Center Infection Control	Outagamie County Elder Abuse Interdisciplinary Committee
Department of Trade and Consumer Protection Policies and Procedures Committee	Outagamie County Healthy Childhood Coalition
Drug Endangered Child	Outagamie County Death Review Team
Emergency Operation Plan Core Team Committee	Prenatal Care Coordinators
Emergency Shelter of the Fox Valley Board & Officer	Project Promise (Poverty Coalition)
Family Services Inc. Board	Reach Counseling Inc. Board
Fox Cities Community Council	St. Elizabeth Infection Control
Fox Cities Housing Coalition	Secure Public Health Electronic Record Environment (SPHERE) Lead Team
Fox Cities Kiwanis	UW Northeastern Regional Research Council (ICTR)
Fox Valley Lead Task Force	UW Population Health Institute Advisory Board
Fox Valley Mental Health Emergency Preparedness Consortium	Walk to Win Campaign
Fox Valley Safe Kids	Wisconsin Association for Perinatal Care
Head Start Advisory Committee	Wisconsin Association of Local Health Departments and Boards
Health Care Forum	Wisconsin City Caucus of Weights and Measures Officials
Health Smart Team	Wisconsin Department of Agriculture, Trade and Consumer Protection Weights & Measures WinWam Software Committee
Healthy Infant & Child Alliance	Wisconsin Environmental Health Association
Hispanic Health Advisory Board	Wisconsin Health Education Network
Hispanic Interagency	Wisconsin Nutrition Advisory Education Program
Hmong American Partnership Interagency Committee	Wisconsin Public Health Association
National Conference on Weights and Measures	Wisconsin Public Health Preparedness Advisory Committee
National Environmental Health Association	Wisconsin Weights & Measures Association
Northeast Region Nursing Supervisors/Policy & Procedure Working Group	

APPENDIX I

BUDGET INFORMATION

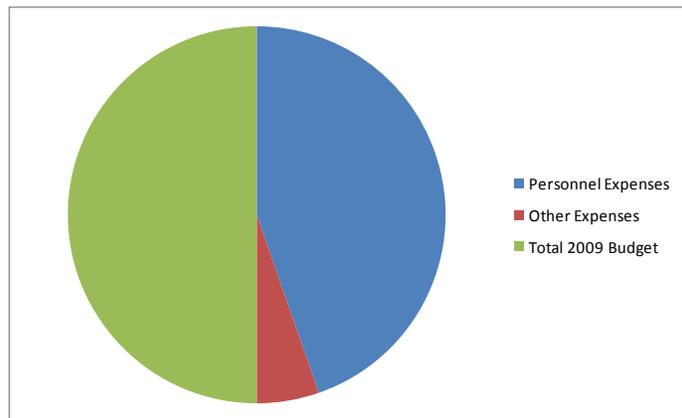
2010 ACTUAL FUNDING SOURCE

Fees for Service-\$127,803 (9%)
Grants-\$18,406 (1%)
License Fees-\$165,339 (11%)
State Aids/Misc-\$361,408 (24%)
+ Property Tax-\$832,934 (55%)



2010 ACTUAL EXPENSES

Personnel Expenses-\$1,345,240 (89%)
Other Expenses-\$160,650 (23%)
Total 2009 Budget-\$1,505,890



APPENDIX II

COMMUNICABLE DISEASE DATA

(Rates per 1000 Resident Population)

GASTROENTERIC DISEASE	2000		2005		2010	
	Number	Rate	Number	Rate	Number	Rate
Amebiasis	1	.01	0	0	0	0
Campylobacter	14	.2	15	.2	8	.11
Cryptosporidiosis*	N/A	N/A	1	.01	9	.12
E. Coli	0	0	2	.03	3	.04
Giardiasis	11	.16	45	.62	7	.09
Listeriosis	0	0	1	.01	0	0
Salmonellosis	7	.1	17	.24	12	.16
Shigellosis	4	.06	0	0	3	.04
Yersinia	1	.01	0	0	0	0

*Became reportable to local health departments in 2000

SEXUALLY TRANSMITTED DISEASE	2000		2005		2010	
	Number	Rate	Number	Rate	Number	Rate
AIDS*	0	0	1	.01	0	0
Chlamydia*	107	1.5	180	2.49	247	3.4
Gonorrhea	11	.16	48	.66	37	.50
Herpes**	32	.46	30	.42	0	0
Syphilis	0	0	0	0	0	0
Partner Referral Program***	0	0	3	.04	4	.05
Other STD	0	0	0	0	0	0

*Became reportable to local health departments in 1994

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

*** Program started in 1995

MISCELLANEOUS DISEASES	2000		2005		2010	
	Number	Rate	Number	Rate	Number	Rate
Blastomycosis	0	0	0	0	2	.02
Ehrlichiosis					5	.06
Haemophilus Influenza	0	0	0	0	0	0
Hepatitis A	1	.01	1	.01	0	0
Hepatitis B	0	0	2	.03	0	0
Hepatitis C	2	.03	25	.35	23	.31
Histoplasmosis	0	0	0	0	0	0
Lead Toxicity*	2	.03	1	.01	0	0
Legionellosis	0	0	0	0	0	0
Leprosy	0	0	0	0	0	0
Lyme Disease	1	.01	5	.07	19	.26
Malaria	0	0	1	.01	0	0
Meningitis-Bacterial	1	.01	3	.04	0	0
Novel H1N1					0	0
Rheumatic Fever	1	.01	0	0	0	0
Streptococcus Pneumoniae	0	0	1	.01	6	.08
Invasive Group A Strep	0	0	1	.01	4	.05
Invasive Group B Strep					7	.09
Toxic Shock Syndrome	0	0	0	0	0	0
TB-Mycobaterium	2	.03	0	0	0	0
TB-Atypical	1	.01	4	.05	6	.08
Typhoid	0	0	1	.01	0	0

*Reflects cases of adult lead toxicity only. Children are listed in the table in the body of this report under the Childhood Poisoning Prevention Program. Kawasaki, Meningitis-Viral & Viral Encephalitis are no longer reportable, therefore no longer listed.

VACCINE PREVENTABLE DISEASE	2000		2005		2010	
	Number	Rate	Number	Rate	Number	Rate
Chickenpox (Varicella)*	54	.77	3	.04	5	.06
Measles	0	0	0	0	0	0
Pertussis	0	0	17	.24	3	.04
Mumps	0	0	0	0	0	0

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

APPENDIX III

STATE LABORATORY OF HYGIENE FEE FREE TESTING

The Wisconsin State Laboratory of Hygiene provides sample analysis for selected investigations that deal with 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 2010. The total cost of these analyses would be \$2,496 if they were not fee free.

TYPE OF ANALYSIS	# OF SAMPLES
Mycobacteriology	13
Salmonella	0
VDRL	0
Rabies	9
N Meningitidis	1
Chlamydia/N Gonorrhea	0
Ova Parasites/Cryptosporidiosis/Giardia	1
Outbreak Stool Cultures	1
Blood Lead-Capillary	79
Blood Lead-Venous	0
HIV 1/HIV 2	0
Norovirus PCR	10
Influenza A & B	4
Liver Function (AST, ACT)	0
Syphilis	0
Rubella	0
Mumps Igm & Igg	0
Hepatitis C	0
Hepatitis B Serodiganosis	1
Hepatitis A	0
E. Coli 0157:H7	2
Respiratory virus PCR	0
Clostridium Perfringens Stool	0

**APPENDIX IV
PUBLIC HEALTH NURSING CASELOAD**

CLIENTS ADMITTED BY PRIMARY PROBLEM	2000	2005	2010
General Health Promotion	26	29	14
Prenatal	18	57	37
Complications of Pregnancy/Postpartum	53	62	38
Infant/Child Health	125	116	73
Infection/Parasitic/Communicable Disease	81	185	20
Endocrine/Nutrition/Metabolic	26	11	6
Nervous System/Sensory Organs	1	1	2
Circulatory System	81	57	14
Respiratory System	18	8	3
Musculoskeletal/Connective Tissue	17	7	2
Other	29	51	15
Total	476	584	224
CLIENT HOME VISITS	2000	2005	2010
Total Home Visits	3,356	2,964	1,165
CLIENTS ADMITTED BY AGE	2000	2005	2010
0-28 Days	59	44	16
29 Days-11 Months	45	79	32
1-5 Years	31	47	25
6-11 Years	15	15	1
12-17 Years	29	51	20
18-29 Years	81	157	62
30-44 Years	39	55	27
45-54 Years	24	26	12
55-64 Years	18	21	9
65-74 Years	19	20	4
75+ Years	116	69	16
Total	476	584	224
CLIENTS ADMITTED BY RACE	2000	2005	2010
Caucasian	341	251	117
African American	32	29	9
Native American	5	2	4
Hispanic	56	50	36
Asian	39	248	58
Other	3	4	0
Total	476	584	224
CLIENTS ADMITTED BY GENDER	2000	2005	2010
Male	173	201	67
Female	303	383	157

APPENDIX V

VITAL BIRTH STATISTICS

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

Appleton Population 2000 = 70,167

Appleton Population 2010 = 72,563

Appleton Population 2005 = 72,085

Crude Birth Rate for State 2008=12.7

*All Birth Data is Provisional

BIRTH DATA	2000		2005		2010	
	Number	Rate	Number	Rate	Number	Rate
Total Birth Rate	1,024	14.61	953	13.22	1,012	13.94%
Births to Married Women	824	11.76	720	9.98	711	9.79%
Birth to Unmarried Women	200	2.85	233	3.23	301	4.14%
Total Births to Women <18 Yrs	20	.29	13	.18	18	.24%
Unmarried <18 Yrs	5	.07	9	.12	15	.20%
Unmarried 18-29 Yrs	17	2.48	186	2.58	227	3.12%
Unmarried 30-40 Yrs	19	.27	33	.45	54	.74%
Unmarried >40 Yrs	2	.03	5	.06	5	.06%

Age of Mother	Birth Count	Percent
15—17 years	18	1.78%
18—19 years	48	4.74%
20—24 years	206	20.36%
25—29 years	348	34.39%
30—34 years	265	26.19%
35—39 years	105	10.38%
40—44 years	21	2.08%
45+ years	1	0.10%
Total	1,012	100.00%

Race/Ethnicity of Mother	Birth Count	Percent
White (Non-Hispanic)	799	78.95%
Black (Non-Hispanic)	17	1.68%
American Indian (Non-Hispanic)	4	0.40%
Hispanic	63	6.23%
Laotian/Hmong (Non-Hispanic)	73	7.21%
Other (Non-Hispanic)	54	5.34%
Missing/Unknown	2	.20%
Total	1,012	100.00%

APPENDIX V

VITAL BIRTH STATISTICS

*All Birth Data is Provisional

Education of Mother	Birth Count	Percent
None	9	.94%
Elementary	17	1.77%
Some High School	86	8.96%
High School Graduate	296	30.83%
Some College	239	24.90%
College Graduate	312	32.50%
Missing/Unknown	1	.10%
Total	960	100.00%

Birthweight	Birth Count	Percent
<1,000 grams	3	0.30%
1,000—1,499 grams	9	0.89%
1,500—2,499 grams	56	5.53%
2,500—3,999 grams	861	85.08%
4,000 + grams	83	8.20%
Total	1,012	100.00%

Low Birthweight	Birth Count	Percent
< 2,500 grams	68	6.72%
2,500 + grams	944	93.28%
Total	1,012	100.00%

APPENDIX V

VITAL BIRTH STATISTICS

*All Birth Data is Provisional

Mother Smoked During Pregnancy	Birth Count	Percent
No	878	86.76%
Yes	134	13.24%
Total	1,012	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	3	0.34%	0	0	0	0	3	0.30%
1,000—1,499 grams	7	0.80%	2	1.49%	0	0	9	0.89%
1,500—2,499 grams	41	4.67%	15	11.19%	0	0	56	5.53%
2,500—3,999 grams	753	85.76%	108	80.60%	0	0	861	85.08%
4,000 + grams	74	8.43%	9	6.72%	0	0	83	8.20%
Total	878	100.00%	134	100.00%	0	0	1,012	100.00%

Prematurity	Birth Count	Percent
Full Term (37+ weeks)	931	92.00%
Premature (<37 weeks)	81	8.00%
Total	1,012	100.00%

APPENDIX VI

DEATH DATA

(Crude Death Rate = 1000 x # Deaths/Total Resident Population)
Crude Death Rate for State 2008 = 8.2

Age	2000		2005		2010	
	Number	Rate	Number	Rate	Number	Rate
Under 1 Year	1	.01	1	.01	4	.05
1 Year to 11 Years	0	0	2	.02	0	0
11 Years to 20 Years	3	.04	1	.01	1	.01
21 Years to 30 Years	6	.09	9	.12	3	.04
31 Years to 40 Years	13	.19	3	.04	6	.08
41 Years to 50 Years	21	.3	24	.33	20	.28
51 Years to 60 Years	27	.39	40	.55	49	.68
61 Years to 70 Years	48	.68	47	.65	63	.87
71 Years to 80 Years	113	1.61	112	1.55	74	1.02
81 Years to 90 Years	140	2.0	158	2.19	143	1.97
91 Years to 100 Years	75	1.07	77	1.06	70	.96
Over 100 Years	8	.11	5	.06	1	.01

APPENDIX VI

DEATH DATA

Causes of Death	2000		2005		2010	
	Number	Rate	Number	Rate	Number	Rate
AIDS	0	0	0	0	0	0
Accidental Death	13	.19	11	.15	15	.20
Congenital Anomalies	0	0	0	0	0	0
Complications of Pregnancy	0	0	1	.01	1	.01
Condition Originating in Perinatal Period	0	0	0	0	1	.01
Disease of Blood/Blood Forming Organs	4	.06	1	.01	1	.01
Disease of Circulatory System	162	2.31	193	2.67	161	2.22
Disease of Digestive System	17	.24	22	.30	14	.19
Disease of Genitourinary System	28	.4	18	.24	21	.29
Disease of Musculoskeletal System/Connective Tissue	1	.01	1	.01	2	.02
Disease of Nervous System	7	.10	14	.19	17	.23
Disease of Respiratory System	79	1.13	49	.67	50	.69
Endocrine, Nutritional & Metabolic Disease	7	.10	3	.04	4	.06
Homicides	0	0	0	0	1	.01
Infectious and Parasitic Disease	3	.04	15	.20	8	.11
Mental Disorder	3	.04	0	0	1	.01
Neoplasm	93	1.33	92	1.27	85	1.17
Suicide	9	.13	10	.13	2	.02
Symptoms, Signs and Ill-Defined Conditions	29	.41	49	.67	50	.69