

What Does Juneau County Health Department Do For You?

Serving Our Community Since 1925



2012 Annual Report

TABLE OF CONTENTS

Message from the Health Officer	2
Comments from Our Clients	3
What Does Juneau County Health Department Do For You and Your Community?	4
<u>2012 PROGRAMS AND SERVICES</u>	
Community Needs Assessment	5
Disease Control and Prevention	6
Public Health Preparedness	6
Immunizations for Children and Adults	6
Mother, Child, and Family	7
Prenatal and Postnatal Care	7
Injury Prevention Program	7
Nutrition WIC	7
HealthCheck Program	8
Oral Health	8
Wisconsin Well Women Program	9
Community Human Health Hazards	9
Water Quality Issues	9
Food Safety Programs	10
Limited Agent Agreement	10
Radon Awareness/Testing	10
Tattoo and Piercing	10
Rabies Prevention Control	10
Childhood Lead Testing	10
Tobacco Control and Prevention	11
School Health	11
<u>WHAT'S NEW FOR 2012</u>	
Infant Safe Sleep Campaign	12
National Public Health Accreditation Plans	13
NALBOH Six Functions of PH Governance	13
Other 2012 Public Health Statistics	14
Staff and Board of Health Members	15
<u>FISCAL REPORTS</u>	
Public Health Fiscal Report	16
Radon Grant	16
Limited Agent Program	16
Transient Non-Community Water Testing	16

WI Dept of Ag and Consumer Protection Agent Retail Food Program	16
EH and Blood Screening Grant	17
EPSDT-Immunization Reserve Account	17
Tobacco Coalition Grant	17
WI Medicaid Claiming Reimbursement	17
MCH/Day Care Grant	17
Prenatal Care Coordination	17
VIP Immunization Grant	17
FACT Fundraising	17
WIC Grant	17
WIC Peer Counseling	17
Donations to Breastfeeding Coalition	18
WWWP Grant	18
Car Seat Grant	18
Public Health Preparedness	18
Bioterrorism	18
WWWP HIPAA Grant	18
BadgerCare Plus	18
Seal-A-Smile	18
Seal-A-Smile Carryover	18
TB Incentive Program Carryover	18
2009 WI WINS Carryover	18
First Breath Income	19
WWWP Donations	19
Komen	19
Heart of the Farm	19
Sauk Shared RD	19
Cribs for Kids	19
Accreditation	19
<u>APPENDIX A</u>	
County Health Rankings	20

<u>APPENDIX B</u>	
The Governance Functions	21

Message from the Health Officer

It has been said that our most important asset is good health. This 2012 Annual Report shows how the Juneau County Health Department works in partnership with you, your family, and the community to protect that vital asset.

Public health focus is on *prevention*. It is my responsibility as Health Officer to assure that the essential public health services are provided. I believe this report describes the many projects and services developed to preserve, protect, and promote the health of all citizens within Juneau County. They are designed to prevent illnesses and infectious diseases, promote healthy lifestyles, improve the quality of life, increase healthy births, prepare for emergencies and protect our communities. To seek their full potential, however, strong partnerships and collaborative efforts are needed. Individually, you can commit by ensuring your children's immunizations are up to date, stop smoking, exercise more with friends and family members, and eat healthier. Collectively, we need to acknowledge and address the social, environmental, and economic factors that affect our population's health such as low educational levels, poverty, unemployment, and community planning.

It is my privilege as Health Officer to work with such bright, capable, and hard working health department staff. As a team we provide a variety of individual and community-based services. This report showcases the hard work in carrying out our key roles and responsibilities in building, enhancing, and working in collaboration with many community members, hospitals, schools, policymakers, businesses, and faith-based members to provide the tools to create safe, healthy, and vibrant communities.

The Board of Health and health department staff are very proud of the continued work in obtaining voluntary national accreditation through the Public Health Accreditation Board (PHAB). Our core commitment to continuous quality improvement and our history of providing evidence and performance-based programming and services aligns well with the goal of national accreditation. The vision of PHAB's Accreditation Program is to protect and improve Americans' health by advancing the quality and performance of all of the nation's public health departments—state, local, and tribal.

The Board of Health and health department invite you to learn more about our programs and services. Please visit our website at www.co.juneau.wi.gov or like us on Facebook. We sincerely thank everyone who has worked with us to help us attain our program goals for 2012. We enthusiastically look forward to new opportunities in the future to enhance the health of our residents.

Respectfully yours,

Barb Theis
Health Officer, Juneau County Health Department

10 Essential Services of Public Health

- ① Monitor health status and understand health issues facing the community.
- ② Protect people from health problems and health hazards.
- ③ Give people information they need to make healthy choices.
- ④ Engage the community to identify and solve health problems.
- ⑤ Develop public health policies and plans.
- ⑥ Enforce public health laws and regulations.
- ⑦ Help people receive health services.
- ⑧ Maintain a competent public health workforce.
- ⑨ Evaluate and improve programs and interventions.
- ⑩ Contribute to and apply the evidence base of public health.

Comments From Our Clients

“I thought you’d be intimidating, but you are so willing to give helpful information.” – WIC Client

“You are such a blessing!” – WIC Client

“Thank you so much for all the help you gave us. You were so helpful! – PNCC & WIC Client

“Thank you for having a nurse do home visits! I really liked knowing how my baby was doing, growth-wise, and her pro-breastfeeding help me feel supported and I am still breastfeeding. I know I can call with questions and that is a great feeling!”

“Thank you so much for your help. You guys are wonderful.” – WIC Client

“We very much appreciate your concern for our safety.” – St. Pat’s School 5th Grader

What does Juneau County Health Department do for you and your community? Dozen of things, but most people don't realize how many vital services they receive from their local health department. The benefits have become such an integral part of the American standard of living that most people take them for granted.

Protecting, Educating, and Providing

Public Health is the science of protecting and improving the health of communities through education, promotion of healthy lifestyles, and research for disease and injury prevention. Public Health focuses on improving the health of the general population (population-based) through broad-based interventions, and is equally as important to the health care system, which primarily focuses on the treatment of ill individuals. The population-based services provided by public health departments are a major contributor to the overall improvement of a community's health status.

Protects the community from health threats, the everyday and the exceptional.

Juneau County Health Department guards multiple fronts to defend you and our community from any health threat, regardless of the source, and works to prevent disease outbreaks. The Health Department's Environmental Health Specialists ensure the tap water that everyone



drinks, the restaurant food everyone eats, and the air everyone breathes is all safe. Public Health Staff are ready to respond to any health emergency—be it bioterrorism, food-borne outbreak, West Nile Virus, or an environmental hazard.

Educates you and your neighbors about health issues.

Juneau County Health Department provides information that allows people to make healthy decisions every day, like exercising more, eating right, quitting smoking, or simply washing their hands to keep from spreading illness. Public Health Nurses and Educators provide this information through public forums in our community, public service announcements



in the media, programs in schools, health education in homes and clinics, and detailed health information on a website. During a public health emergency, Juneau County Health Department provides important alerts and warnings to protect your health and our community's health.



Juneau County Health Department has an ongoing preparedness educational campaign presented every year to the 5th graders attending Juneau County schools. The 2012 presentation was "STEP: Student Tools for Emergency Planning," an interactive class that prepares students for various emergencies including floods and tornadoes. Students learn how to put together a preparedness kit. Each 5th grader completing the STEP program received a starter preparedness backpack. The students were encouraged to add to their backpacks and develop an emergency plan with their families.

Provides healthy solutions for everyone.



Juneau County Health Department offers the preventive care needed to avoid chronic disease and to help maintain health. Public Health Nursing provides immunizations for all ages and helps mothers obtain prenatal care that gives their babies a healthy start. Juneau County Health Department also helps provide children with regular check-ups (HealthCheck), immunizations, and good nutrition to help them grow and learn. We track communicable diseases to prevent outbreaks. We provide tobacco education and work toward policy change.

Advances community health.

Juneau County Health Department and its governing Board of Health plays a vital role in developing new policies and implementing evidence-based practices that address existing and emerging challenges to your

community’s health while enforcing a range of laws intended to keep everyone safe. The Health Department is constantly working through research and rigorous staff training—to maintain its unique expertise and deliver up-to-date, cutting-edge health programs while evaluating program effectiveness. These efforts cannot be done alone, but through community partnerships focusing on health priorities identified in the community.

Our 2012 Programs and Services:

Community Needs Assessment:

State Statute HFS 140.04 requires each local health department to develop with their community stakeholders a plan to improve the health of its population. *Creating Healthy Rural Communities, our 2009 Community Health Needs Assessment and Health Improvement Plan*, details a partnership plan developed to focus on improving the health of Juneau County residents for the years 2009-2014. The plan provides strategic direction through evidenced-based research for collective action with community individuals and partnerships for the following health priority areas:

- Parenting
- Health literacy
- Health care Access and Resources

The Creating Healthy Rural Communities’ Health Improvement Plan provides a synergy of efforts and resources by engaging a diverse group of citizens and partnerships in the implementation process, overall impacting the quality of life for Juneau County residents. The Steering Committee elected to use the *County Health Rankings report as a foundation for monitoring any progress for improvement in the health of Juneau County residents. Please see Appendix A: Snapshot of Juneau County, County Health Rankings.*

Successes in 2012 include:

- Mauston Dental Center provided access to dental care for **3,274** patients in 2012. Patients seen had the following payer source:
 - Medicaid 69%
 - Self-Pay-Income-Based Discounted Fees 22%
 - Commercial Insurance 7%

- Self-Pay – Full Fees 2%
- United Way’s 2-1-1 is a free confidential 24-hours a day, 7-days a week, resource for community information and referrals for non-emergency assistance in Juneau County. Residents can dial 2-1-1 by phone or access the service on line at www.getconnected211.org.

The top five needs for 2012 were as follows:

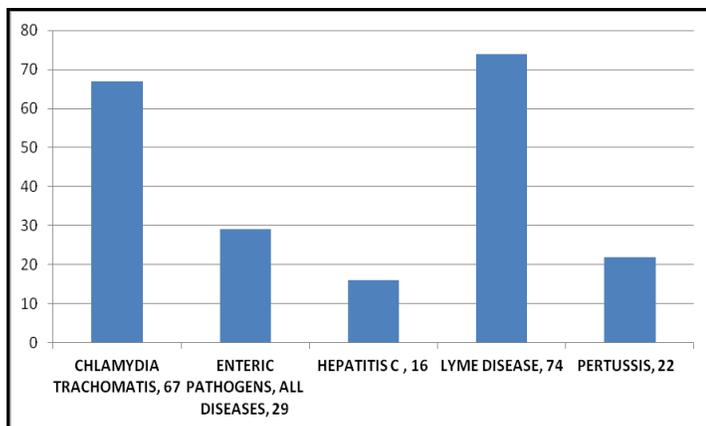
1. Rent Payment Assistance
2. Electric Service Payment Assistance
3. Food Pantries
4. Community Shelter
5. Low-Income/Subsidized Private Rental Housing

- Two evidence-based health literacy programs, “Reach Out and Read” and “Ask Me Three,” are being implemented at the Mile Bluff Medical Center. In 2012, 735 books were distributed through Reach Out and Read.
- A community garden sponsored by many local agencies now exists in the Mauston and Elroy Communities.
- Mile Bluff Medical Center continues their commitment to address the health care access for the uninsured. They offered discounted services to 68 low-income/uninsured families in 2012.
- Early Head Start maintains expansion services in Juneau County.
- To address homelessness issues in young families the SEA (Support, Education & Advocacy) of Change Board was formed. They obtained their 501c3 status in 2012.
- A Central Wisconsin Health Partnership was formed to address improving community health by expanding access to mental and behavioral health services in Central Wisconsin through partnership, collaboration, and integration. In 2012, the director of Juneau County Department of Human Services, Health Officer, and CEO, Hess Memorial, began discussions on increasing mental health access locally.

Disease Control and Prevention

We track communicable disease through a channel of communications at the local, state, and regional levels between public health, private physicians, hospitals, and labs. This communication channel allows for prompt investigation of possible outbreaks and unusual situations, and to implement control measures to minimize further transmission of disease to others. In 2011, Juneau County Health Department's disease control staff received **178** reports of communicable diseases such as Campylobacter, Hepatitis C, and Lyme disease and **69** reports of STD's.

Top 5 Reportable Diseases in 2012 for Juneau County



Public Health Preparedness

The health department is prepared to respond to all public health emergencies with a plan of action and a system of communication with community responders. This response includes **detecting** disease outbreaks; **investigating** to determine what the risks are to the public and who may have been exposed; **informing** the public and professionals of the specific disease threats and how to protect themselves and others; **isolating or quarantining** affected individuals as appropriate; **providing medications or vaccinations** to people at risk in the population.

“By failing to prepare, you are preparing to fail.”
- Benjamin Franklin

Juneau County Health Department continues to maintain and expand preparedness efforts. JCHD chairs the Juneau County Public Health Preparedness Partners Committee, with partners from Emergency Management, County PIO, school administrators,

American Red Cross, Mile Bluff Medical Center, Phillips Pharmacy, EMS, Mauston Police, Juneau County Sheriff's Department, Sand Ridge Correctional Facility, Volk Field, New Lisbon Correctional Facility, Juneau County Aging and Disabilities Resource Center, Juneau County Human Services, Farm Service Agency, Southwest Family Care Alliance, Mauston Public Works, Juneau County Highway Department, and United Way's 2-1-1 director. As a result of this committee's efforts: NIXLE emergency alert system was implemented and a Functional Needs subcommittee was established to ensure the safe evacuation of individuals with functional and special needs.

Juneau County Health Department continues to provide American Red Cross Disaster Preparedness Backpacks to high risk PNCC (prenatal coordinated care) clients. This program was started because preparedness planning is often financially an unrealistic priority. The feedback from the prenatal clients continues to be very positive making preparedness planning possible for this high risk special needs group.

Meeting a CDC requirement, a hazard vulnerability assessment was completed by Juneau County Health Department in collaboration with Emergency Management and Hess Hospital. The assessment considers health risks, vulnerabilities, and the strength of partnerships in all hazard planning and response. Those hazards ranked as having a high probability of occurring with a high relative risk include: tornado, flash flood, ice storm, epidemic/pandemic, cyber attack, anhydrous ammonia event and a Dells tourist event.

Juneau County Health Department participated in the Juneau County “Swift Action,” a flood response Tabletop Exercise (August 15, 2012) and Functional Exercise (November 7, 2012).

Immunizations for Children and Adults

Immunization is one of the most important public health victories of the 20th century – defeating or sharply reducing disease such as smallpox, polio, measles, diphtheria, rubella, pertussis (whooping cough) and other diseases. However, many organisms that cause these diseases have not been eliminated, and they could reemerge if vaccination levels drop.

In 2012, Juneau County gave a total of **1,890** immunizations to children and adults. Through the state of Wisconsin Vaccine for Children's Program, Juneau County receives vaccines that are given at no charge for children up to the age of 19 years. In addition to children's vaccinations, we offer Tetanus booster shots, MMR, Hepatitis B, pneumococcal and influenza vaccine to adults.

Mother, Child, and Family

Infant mortality is an important measure of a community's health. Our prenatal and postnatal programs aim to help families support their children's healthy growth and development. Research indicates that families participating in these programs have healthier babies, improved their parenting skills, developed positive community relationships, children have less behavior problems, and there is a reduction in tobacco exposure and alcohol use.

Prenatal and Postnatal Care



Juneau County provides an informal parent and baby home visit from a public health nurse to assist families after the birth of their baby whether it is their first baby or they already have children. Mothers receive support and education, baby weight checks, health teaching on parenting and child development, and referrals to community services.

The health department provides access to medical, social, educational, and other services to pregnant women who are considered high risk for adverse pregnancy outcome through our Prenatal Care Coordination Program. Although Prenatal Care Coordination is limited to those who receive Medicaid, Juneau County Health Department follows all high-risk pregnancies. The components of these programs are outreach, physical and emotional assessments, care plan development, ongoing care coordination and monitoring, health education, smoking cessation support program (First Breath), and nutrition counseling. In 2012, a total of **102** women were screened for the program, **78** women participated in PNCC, and **212** referrals were made.

Injury Prevention Program

Injuries are a significant public health problem in Juneau County, Wisconsin, and the nation, causing needless pain and suffering as well as emotional and financial stress. Each year, injury accounts for about 53,479 hospitalizations in Wisconsin and 333 in Juneau County. The five leading causes of injury deaths in Juneau County are falls, poisoning, motor vehicle traffic crash (occupant), struck by or against an object or person, and suffocation.



Child Passenger Safety – In 2012, Juneau County, provided car seat inspections to 130 families. Of these inspections 98% presented with misuse. The top five errors found during inspections were inappropriate recline, seat unsafe for use, inappropriate seat for height, weight and/or age, moves more than one inch from side to side when secured by belt in vehicle, and loose harness straps when child secured. A total of 63 car seats were distributed to families through a Department of Transportation grant, and the prenatal care coordination program.

Keeping Kids Alive in Wisconsin – Juneau County Child Death Review Team

In 2012, Juneau County established a multi-agency, multi-professional Child Death Review Team. The team reviews the deaths of children under 24 years of age quarterly. The outcomes of the reviews are to identify preventable child deaths and provide recommendations for interventions and prevention strategies. Juneau County's team consists of a variety of public health partners including local and county law enforcement, education, health department, human services, child protective services, coroner, pediatrician, local clinic and hospital staff, county corporation counsel and district attorney. The ultimate goal of this team is to prevent future childhood deaths from occurring in our communities.

Nutrition WIC

WIC is the Special Supplemental Nutrition Program for Women, Infants, and Children. WIC helps

income-eligible pregnant and breastfeeding women, women who recently had a baby and infants and children up to five years of age who are at health risk due to inadequate nutrition. Studies have shown that moms on WIC during their pregnancy have lower infant mortality by reducing the risk of low-birth weight babies. Infants and children get a healthy start in life by providing an adequate diet.

The WIC Program provides essential foods and nutrition education for women during the prenatal period that extends throughout the life of the child. In 2012, Juneau/Adams County WIC averaged **1,265** clients per month. During 2012, a total of **550** referrals were made, which included **66** for well water testing, **219** for fluoride supplements and varnishes, **68** for food assistance programs, and **30** for dental services

The best way for a mom and baby to start their lives together is by breastfeeding. WIC supports this and works with all moms during the prenatal and post-partum period to encourage and support their success. During 2012, Juneau/Adams WIC was above the state average for mom's breastfeeding through the first six months of life, with **75%** of moms offering breastmilk at birth.



Nutritious foods are provided monthly to WIC eligible families. Juneau and Adams County vendors had **\$515,982.16** of WIC checks spent in their stores. To encourage increased use of fruits and vegetables, local Farm Market vendors accepted **\$6,482** of WIC checks during the farm market season.

2012 Client Nutrition Contacts	
Certifications.....	1785
Follow-up Nutrition Contacts.....	2961
Breastfeeding Peer Counselor Contacts.....	441
Total Nutrition Contacts	5187

HealthCheck Program

Juneau County Health Department provides HealthCheck exams to medical assistance children age birth to 21 years of age.



HealthCheck exams include a head-to-toe physical screening, as well as screening for growth and development, dental health, hearing and vision, anemia, nutrition, and lead. Age appropriate immunizations are also administered during the visit. Public Health provides this service with a strong focus on anticipatory guidance and teaching as well as case management to ensure follow up of abnormal screenings with the appropriate referral provider. HealthCheck identified abnormalities requiring **33** referrals in 2012. The application of fluoride varnish to children age 9 months up to 6 years is an additional service that is also offered through HealthCheck. This screening includes a dental assessment, anticipatory guidance, fluoride varnish application, and dental referral. **Two-hundred seventy-five** fluoride varnishes were applied through the Juneau County Health Department in 2012.

2012 HealthCheck Screenings Statistics	
Total children receiving HealthCheck Exam....	3
Total fluoride varnishes applied.....	275
# children needing dental home.....	30
# children requiring dental care.....	32
Total children referred for further evaluation and/or treatment.....	33
Total children completing referral follow up.....	17
Total no response/lost to follow-up	7
Total pending appts	9
Total number of children requiring treatment	14

Oral Health

Oral health is essential to the general health and well-being of all Wisconsin residents and can be achieved by all. Virtually everyone will have some sort of dental problem during his or her life, but regular dental care can prevent minor problems from becoming major ones. In children, the immediate consequences of poor oral health can result in psychological and social stressors, self-esteem, difficulty eating, swallowing, and speech. Dental services for children can be a problem due to the lack of finances or dental access for medical assistant enrollees.

In February of 2011, the oral health program expanded by providing public health nurse availability at each WIC clinic. The expansion greatly increased utilization of oral health services by making fluoride supplements and fluoride varnishes easily accessible and convenient for the children WIC serves.

In 2012, the Juneau County oral health program provided fluoride supplements to **80** area children who do not have fluoride in their drinking water. Fluoride varnishing is applied to the teeth of infant and children under the age of 6. Fluoride varnish is a protective coating that is painted on teeth by a public health nurse to help prevent new cavities and to help stop cavities that have already started. **Three hundred twenty-three dental assessments and fluoride varnishes** were completed in 2012.

The Juneau County Health Department received grant funding for its Seal-A-Smile (SAS) Program. The SAS Program provides dental exams, education, sealants, and fluoride varnishes to targeted children within the school districts of Juneau County. During the 2011 – 2012 grant cycle, SAS served 317 children and 892 sealants were placed.



Wisconsin Well Women Program

The goals of the Wisconsin Well Women Program (WWWP) are to improve access to preventive health services and eliminate preventable death and disability from breast and cervical cancer. Juneau County provides uninsured women ages 35-64 with preventive health screening services. Well Woman pays for mammograms, Pap tests, certain other health screenings, and multiple sclerosis testing for women with high-risk signs of multiple sclerosis. In 2012, we provided breast and cervical cancer screenings services to **83** Juneau County residents (70 mammograms, 68 clinical breast exams and 52 Pap smears).



Case management services were provided to **14** WWWP clients in Juneau County in 2012. WWWP clients also receive case management services for abnormal

screening results. Case management includes patient advocacy, identifying resources for financial assistance or other supports to remove barriers to services,

facilitating appropriate referrals, and working with other providers and agencies to resolve pending issues. Uninsured women diagnosed with breast or cervical cancers receive assistance with the application process for the treatment program, Wisconsin Well Woman Medicaid.

Community Human Health Hazards

To protect the health of the citizens of Juneau County, we investigate situations with the potential of a human health hazard and bring health hazards that are not regulated by other governmental agencies to resolution. Enforcement of the Human Health Ordinance is the role of Juneau County Board of Health, the Health Officer, and Environmental Specialist. If a human health hazard is found, the Health Department works with the owner to ensure safe removal of the hazard. If an owner does not comply with removal of the hazard, a citation may be issued.



2012 Human Health Hazards		
Type	Contacts	# Problems
Air Quality	12	1
Water*	411	133
*Private & Non-Community		
Housing	140	49
Solid Waste	81	16
Asbestos	2	1
Lead	18	3

Water Quality Issues

Safe, clean water is one of the most important substances in our lives- -for drinking, cooking, bathing and cleaning. Municipal water systems test their water regularly to ensure it is safe, but it's up to private well owners to test their well water annually. In 2012, we provided **126** water test kits to Juneau County residents. Also, through a contract with the Wisconsin Department of Natural Resources, **105** transient non-community water supplies were tested in the county ensuring safe and dependable water to the public.

Food Safety Programs

The Juneau County Health Department is the designated agent of the State of Wisconsin Department of Agriculture, Trade, and Consumer Protection (WDATCP) to assure safe and sanitary retail food facilities and retail food products. This program has been adopted to protect the public health, safety, and welfare of all persons in Juneau County. Facilities inspected include supermarkets, groceries, deli's, and other retail food establishments which sell for retail potentially hazardous food products. In 2012, **47** Juneau County facilities were inspected.

Limited Agent Agreement

To assure safe and sanitary facilities for the citizens of Juneau County, the Limited Agent Program inspects annually the following facilities designated by the Department of Health and Family Services: campgrounds, hotels, motels, tourist rooming houses, pre-packaged food establishments, vending machines, schools, vending equipment, and low complexity restaurants. There were **123** contracted inspections done in Juneau County in 2012.

Radon Awareness/Testing

Radon test kits are offered to Juneau County residents at a low cost. Out of the **15** homes tested in Juneau County in 2012, there was one exposure greater than 20/pCi/L and one exposure in the 9-19/pCi/L range, which were both considered above average for residential structures.

Tattoo and Piercing

On October 20, 1998, the County Board of Supervisors adopted Ordinance #98-01, creating a local agent enforcement program for regulation of tattooing and body piercing. The Juneau County Board of Health was the sponsor of the ordinance. One tattoo/piercing establishment was licensed in 2012 for Juneau County.

Rabies Prevention Control

The Juneau County Health Department and the local county law officers have developed an effective local Rabies Prevention Control Program. The goals of the program are to provide a uniform county-wide response to animal bite complaints, prevent human exposure to rabies by eliminating rabid animals, and

encourage exposed persons to receive proper wound care and appropriate passive and active immunizations.

Juneau County rabies prevention control efforts include providing a wide variety of services to any resident of Juneau County as appropriate and/or any individual bitten while in this county's jurisdiction. Some of those services include but are not limited to the assessment of any and all individuals bitten to assure proper wound care/treatment, vaccinations status, and follow up, contact all pet owners and inform them of their responsibilities regarding follow up of their animal(s), and verify with veterinarian and services and the observation and/or quarantine of the animal. We also report any non-compliance to the local law authorities.

Juneau County works to coordinate and communicate with the physicians of the exposed individual on the status of animal, current protocol of the State Lab of Hygiene, and the epidemiology follow-up as needed. We also coordinate follow-up with the local veterinarian, law enforcement officials and, if needed, the State Epidemiologist. This is in addition to individual follow-up to exposed individuals. The Juneau County Health Department also provides the public with education on rabies prevention through newsletters and other educational handouts.

2012 RABIES CONTROL STATISTICS

- Number of animal bite complaints.....61
- Number of contact visits to complete follow-up.....253
- Percentage of animals **with** current rabies vaccinations at the time of bite.....43%

Childhood Lead Testing

There is no safe level of lead in the human body; even very low levels of lead exposure can cause permanent brain damage and negatively affect health throughout the child's life, especially those between 6 months and 6 years of age. Many lead hazards still exist in homes and the environment, including paint, vinyl mini-blinds, chalk, candlewicks and others. These hazards are commonly present during painting and remodeling of pre-1978 housing.

The Centers for Disease Control and Prevention defines lead poisoning as a blood lead level of 5 or greater. In Juneau County, children with a lead level

of 5 or greater are provided with follow-up and consultation by a Public Health Nurse. Follow-up may include phone calls, home visits, consultation with the primary health care provider, and a home lead risk assessment by the Health Department's Environmental Health Specialist. The ultimate goal is to reduce environmental lead exposure and lead poisoning.

2012 Juneau County Blood Lead Testing

Total Number of Tests	314
Tests < 5 ug/dl	305
Tests 5 to 19 ug/dl	9
Test >20 ug/dl	0

Home Investigation Inspections 3

Tobacco Control and Prevention

Tobacco use continues to be the single leading preventable cause of death in the United States. Statewide 7,717 deaths annually are attributable to smoking and illness or fires indirectly related to smoking. In Juneau County alone, 19% of all deaths are due to smoking. Cigarette smoking in Juneau County is responsible for a \$21,360,000 economic impact related to health care and lost productivity costs.

Tobacco prevention programs continue to work by taking a comprehensive and evidence-based approach to prevention through environmental policies and strategies. Members of the Mauston High School FACT (Fighting Against Corporate Tobacco) group educated their peers about the tobacco industry's marketing techniques to attract them as new, young users by conducting a variety of fun, creative activisms referred to as FACTivism. South Central Wisconsin Tobacco Free Coalition members also met with state legislators about the importance of funding the tobacco prevention and control program to ensure programs like FACT do not get cut. Cigarette sales are decreasing but the tobacco industry has come up with another strategy to entice youth to begin using tobacco. The industry is using candy-flavored smokeless tobacco products to attract new users. Flavored and smokeless tobacco product use is on the rise among youth. These products aren't safe and consequences can include cancer, tooth loss, gum disease, and increased risk of heart disease and stroke. Adults need to know these products exist and youth need more help to resist them.

Juneau County completed 38 tobacco compliance checks in 2012. Three tobacco license holders sold tobacco products to minors resulting in a sales rate of 8%, reducing the sales rate from 2011 (23%). It is crucial to educate tobacco retailers about accurately reading and checking IDs in order to keep tobacco products out of the hands of minors. More than 42 Juneau County residents called the Wisconsin Tobacco Quit Line for counseling to help them quit using tobacco products.

School Health

The health, well-being, and safety of children in the school district are a top priority for the Health Department. Juneau County public health nurses play a crucial role in a child's health care needs at school, home, and in the community. Quarterly meetings are held to bring together school nurses from all districts to discuss issues that affect students and can lead to potential health problems. Healthy children are successful learners. The Juneau County Health Department contracts with two parochial schools and provides hearing and vision screenings.

The health department reinforces the state statute requiring all students through grade 12 to meet minimum immunization requirements. These requirements can only be waived for reasons of health, religion, or personal conviction. School districts having fewer than 99% of their students in the school district in compliance with the immunization Law need to exclude from school any student not in compliance.



What's New for 2012

Infant Safe Sleep Campaign

In 2012 Juneau County established a multi-agency, multi-professional Child Death Review Team. The team reviews the deaths of children under 24 years of age. The outcomes of the reviews are to identify preventable child deaths and provide recommendations for interventions and prevention strategies. Juneau County's team consists of a variety of public health partners including local and county law enforcement, education, health department, human services, child protective services, coroner, pediatrician, local clinic and hospital staff, county corporation counsel and district attorney. The ultimate goal of this team is to prevent future childhood deaths from occurring in our communities.

Recent reviews have identified that certain sleep positions and/or sleep environments tend to contribute to a higher likelihood of a sudden unexpected infant death. To address this concern the Juneau County Child Death Review recommended the creation of an ***Infant Safe Sleep Campaign***. From this recommendation the Juneau County Health Department applied for and was awarded a generous charitable contribution through Security Health Plan to establish Cribs for Kids® Program/Safe Sleep Campaign. The Cribs for Kids® / Safe Sleep Campaign is just getting launched and will aim to:

1. Educate parents and care givers on the importance of creating safe sleep environments for their infants to prevent Sudden Unexpected Infant Death (SUID). SUID is the death of a previously healthy infant (less than one year old) without an immediately obvious cause prior to an investigation.
2. Implement the Cribs for Kids® Program which will provide eligible families with a Pack 'N Play crib, crib sheet, and sleep sack to ensure all infants have a safe sleep environment.

John D Wenum, Chairman, representing members of the Juneau County Board of Health is extremely thankful for the contribution Security Health Plan provided to the health department. "A child's death

is a tragic event and Security Health Plan's contribution alongside the strong community partnership, allows all parents and caregivers the opportunity to provide the safest place and sleep for every baby" states Wenum.

To provide the SAFEST SLEEP the Child Death Review Team recommends:

- Infants should be placed on their backs on a firm surface to sleep
- Use a safety-approved crib without any soft bedding, bumpers, pillows, comforters, or toys
- Share a room with the infant but do not bed-share
- Avoid smoke exposure during pregnancy and after birth
- Make sure nothing is covering the baby's head
- Dress the infant in light sleep clothing such as a sleeper and do not use a blanket
- Do not let anyone fall asleep on a couch, chair, or bed with the infant
- Breastfeeding has important health benefits for babies and is protective against SIDS

Juneau County residents in need of a safe crib who are currently enrolled in a government assistance program such as WIC or BadgerCare are encouraged to contact the Juneau County Health Department at 608-847-9373 to find out if they are eligible for a crib.



Included in the picture with one of the Pack-N-Plays purchased from the contribution from Security Health Plan are from left to right: Jennifer Froh, Community Health Educator, John D. Wenum, Juneau County Board of Health Chairman, Kathy Kohutko, Juneau County Coroner, Ryan Plamann, M.D., Mile Bluff Medical Center

Plans to Achieve National Public Health Accreditation

National public health accreditation is a process to measure a local health department's performance against national standards recognizing health departments who meet the standards. Juneau County Health Department has taken steps to begin the accreditation process to document the capacity of our health department to deliver the core functions of public health and the ten essential public health services.

Achieving accreditation will challenge our health department to examine services provided with greater accountability and transparency. It will encourage and recognize quality and performance improvement and ensure the mission and purpose of Juneau County Health Department is maintained.

2012 activities included:

- An orientation inservice on Public Health Accreditation was provided to both Board of Health and Health Department staff.
- A self-assessment review of Public Health Accreditation Board Standards and Measures was completed.
- Health department staff received training on Quality Improvement Process.

NALBOH Releases the Six Functions of Public Health Governance

In November 2012, the National Association of Local Boards of Health approved the Six Functions of Public Health Governance. See **Appendix B** for more information.

Other 2012 Public Health Statistics

	# Clients
BadgerCare Plus Families Assisted	26
TB Skin Tests Administered	108
Clients Followed on Latent TB Program	3
Drug Screens Provided	52
Alcohol Screens Provided	5
Media Events Publicized	29
Community Education Events	21
Adult Hep B	39
Childhood Immunizations Given (Influenza not included)	816
Seasonal Influenza Immunizations Given	1,035
Public Health Visits	1,825
Public Health Clients	565
MCH Education Packets Provided	270

The Mission of the Juneau County Health Department is to protect and promote the health and prevent diseases and injuries through population-based services.

**Health Department Staff and Board of Health Members
Working to Fulfill the Mission**

Health Officer

Barbara Theis

Public Health Nurses

Polly Benish (retired 7/12)

Tina Sullivan

Judy Bass

Jodi Field

Tara Herritz

Kathy Anderson

Community Health Educators

Jennifer Froh

Christa Frazier

Kim Mehring (resigned 2/1/12)

Registered Dietitian

Kathy Nelson

Kristin Wolfe

Jamie Schlosser (resigned 1/11/12)

Nutritionist

Emily Zimmerman

Dietetic Tech

Lori Hadac

Clerical

Renee Miller

Annette Rattunde

Environmental Health

Mitchell Lohr

Board of Health

John Wenum, Chair

Camp Douglas, WI

5/10 - present

Tom Brounacker

Mauston, WI

5/98 – 4/12

Orville Robinson

Camp Douglas, WI

12/09- present

Joe Lally

Wonewoc, WI

5/12 - present

Natty Kranz, RN

Mauston, WI

12/98 – present

Dr. Keith Ness, MD

Mauston, WI

12/82 – present

Kathryn Noe, RN

Mauston, WI

4/02 – present

FISCAL REPORTS

Public Health Fiscal Report - Account #54190

Salaries and Fringes	\$403,748.34
General Expenditures	<u>252,566.87</u>
Total Expenditures	\$656,315.21
2012 County Appropriation	\$651,439.00
2012 Public Health Total Revenue	<u>\$ 40,848.99</u>
Total Public Health Funding	\$692,287.99
2012 Public Health Total Funding	\$692,287.99
2012 Public Health Expenditures	<u>\$656,315.21</u>
Total <u>APPLIED TO</u> the General Fund	\$ 35,972.78

Radon Grant

A Radon Grant was awarded to the Health Departments in Adams County, Sauk County, and Juneau County. Juneau County's portion of this grant was \$1,166.25. We allocated 100% of this grant to Sauk County Health Department to act as a fiscal agent.

Limited Agent Program

Facilities designated by the Department of Health and Family Services including campgrounds, hotels, motels, vending machines, etc. are inspected annually in Adams, Juneau, and Sauk Counties. Juneau County's portion of this grant is \$19,608. We allocated 100% of this grant to Sauk County Health Department to act as a fiscal agent.

Transient Non-Community Water Testing

A grant was received to provide yearly sampling of all transient non-community water systems for bacteria and nitrates in Adams, Juneau, and Sauk Counties. Juneau County's portion of this grant was in the amount of \$7,415.

Wisconsin Department of Agriculture and Consumer Protection Agent Retail Food Program

To assure safe and sanitary retail food facilities and retail food products, the Juneau County Health Department has been authorized to become the designated agent of the State of Wisconsin Department of Agriculture, Trade, and Consumer Protection for the purpose making investigations of retail food establishments. Juneau County's portion for the inspections conducted in Juneau County for 2012 was \$10,201.50.

Environmental Health and Blood Lead Screening Grants

Total Grant Funding \$ 8,181.43

EPSDT – Immunization* Reserve Account
(Previously known as the 0-99 Account)

Balance on hand 12/31/12-Carryover to 2013 \$ 50,955.35

Tobacco Coalition Grant #54191

Total Grant Funding \$115,168.00

Wisconsin Medicaid Claiming Reimbursement (WIMCR)

Prenatal Care Reimbursement Received \$ 10,210.01

MCH/Day Care Grant #54192

Total Grant Funding \$ 12,392.00

Prenatal Care Coordination #54193

Balance On Hand 12/31/12 Carryover to 2013..... \$ 17,443.19

VIP Immunization Grant #54194

Total Grant Funding \$ 8,809.00

FACT Fundraising

Carryover to 2012 \$ 522.25

WIC Grant #54197

Total Grant Funding *..... \$ 286,625.00

*Includes Farmer's Market and WIC Program

WIC Peer Counseling #54627

Total Grant Funding \$ 11,127.00

Donations to Breastfeeding Coalition

Carryover to 2013 \$ 50.00

WWWP Grant #54199

Total Grant Funding \$ 57,510.00

Car Seat Grant #54202

Total Grant Funding..... \$ 2,499.80

Public Health Preparedness #54205

Total Grant Funding..... \$ 16,277.00

Bioterrorism #54211

Total Grant Funding (8/1/11 – 8/1/12)..... \$ 25,146.00

WWWP HIPAA Grant #54209

Carry over to 2013 \$ 10,989.35

BadgerCare Plus Grants #54195 + #54196

Total Grant Funding..... \$ 4,925.00

Seal-A-Smile # 54206 + #54210

Total Grant Funding in 2012..... \$ 205.55

Seal-A-Smile

MA Carryover to 2013..... \$ 1,277.66

TB Incentive Program

Carryover to 2013..... \$ 42.87

2009 WI WINS

Carryover to 2013..... \$ 2,836.57

First Breath Income

Carryover to 2013..... \$ 384.30

WWWP Donations

Carryover to 2013..... \$ 0

Komen #54201

Total Grant Funding (1/1/12 – 12/31/12)..... \$ 9,999.00

Heart of the Farm Grant #54198

Total Grant Funding..... \$ 648.11

Sauk Shared RD #54212

Total Grant Funding..... \$ 11,425.95

Cribs for Kids #54203

Donation..... \$ 4,000.00

Accreditation #54200

Total Grant Funding (1/1/12 – 9/30/12)..... \$ 5,000.00

Juneau County - 2013

* 90th percentile, i.e., only 10% are better.

** Data should not be compared with prior years due to changes in definition.

Note: Blank values reflect unreliable or missing data

	Juneau County	Error Margin	Wisconsin	National Benchmark*	Rank (of 72)
Health Outcomes					67
Mortality					59
Premature death	6,722	5,555-7,888	5,878	5,317	
Morbidity					71
Poor or fair health	20%	14-27%	12%	10%	
Poor physical health days	4.8	3.1-6.5	3.2	2.6	
Poor mental health days	4.7	2.0-7.4	3.0	2.3	
Low birthweight	6.0%	5.0-7.0%	7.0%	6.0%	
Health Factors					68
Health Behaviors					66
Adult smoking	27%	19-37%	19%	13%	
Adult obesity	30%	25-36%	29%	25%	
Physical inactivity	24%	19-29%	23%	21%	
Excessive drinking	25%	17-36%	24%	7%	
Motor vehicle crash death rate	17	11-24	12	10	
Sexually transmitted infections	259		409	92	
Teen birth rate	39	34-44	29	21	
Clinical Care					65
Uninsured	13%	12-15%	11%	11%	
Primary care physicians**	1,334:1		1,247:1	1,067:1	
Dentists**	3,147:1		1,799:1	1,516:1	
Preventable hospital stays	77	67-86	55	47	
Diabetic screening	90%	80-99%	90%	90%	
Mammography screening	70%	59-80%	73%	73%	
Social & Economic Factors					66
High school graduation**	85%		88%		
Some college	50%	46-54%	64%	70%	
Unemployment	9.3%		7.5%	5.0%	
Children in poverty	25%	19-31%	18%	14%	
Inadequate social support	19%	13-26%	17%	14%	
Children in single-parent households	29%	24-34%	30%	20%	
Violent crime rate	216		261	66	
Physical Environment					13
Daily fine particulate matter	10.5	10.3-10.6	10.1	8.8	
Drinking water safety	0%		7%	0%	
Access to recreational facilities	19		11	16	
Limited access to healthy foods**	5%		5%	1%	
Fast food restaurants	26%		41%	27%	

The Governance Functions

NALBOH is the national voice for the boards that govern health departments and shape public health policy. Since its inception, NALBOH has connected with board of health members and elected officials from across the country to inform, guide, and help them fulfill their public health responsibilities in their states and communities. Driven by a mission to strengthen and improve public health governance, NALBOH worked with CDC and other national partners to identify, review, and develop the following model of six functions of public health governance.

Policy development: Lead and contribute to the development of policies that protect, promote, and improve public health while ensuring that the agency and its components remain consistent with the laws and rules (local, state, and federal) to which it is subject. These may include, but are not limited to:

- Developing internal and external policies that support public health agency goals and utilize the best available evidence;
- Adopting and ensuring enforcement of regulations that protect the health of the community;
- Developing and regularly updating vision, mission, goals, measurable outcomes, and values statements;
- Setting short- and long-term priorities and strategic plans;
- Ensuring that necessary policies exist, new policies are proposed/implemented where needed, and existing policies reflect evidence-based public health practices; and
- Evaluating existing policies on a regular basis to ensure that they are based on the best available evidence for public health practice.

Resource stewardship: Assure the availability of adequate resources (legal, financial, human, technological, and material) to perform essential public health services. These may include, but are not limited to:

- Ensuring adequate facilities and legal resources;
- Developing agreements to streamline cross-jurisdictional sharing of resources with neighboring governing entities;
- Developing or approving a budget that is aligned with identified agency needs;
- Engaging in sound long-range fiscal planning as part of strategic planning efforts;
- Exercising fiduciary care of the funds entrusted to the agency for its use; and
- Advocating for necessary funding to sustain public health agency activities, when appropriate, from approving/appropriating authorities.

Legal authority: Exercise legal authority as applicable by law and understand the roles, responsibilities, obligations, and functions of the governing body, health officer, and agency staff. These may include, but are not limited to:

- Ensuring that the governing body and its agency act ethically within the laws and rules (local, state, and federal) to which it is subject;
- Providing or arranging for the provision of quality core services to the population as mandated by law, through the public health agency or other implementing body; and
- Engaging legal counsel when appropriate

Partner engagement: Build and strengthen community partnerships through education and engagement to ensure the collaboration of all relevant stakeholders in promoting and protecting the community's health. These may include, but are not limited to:

- Representing a broad cross-section of the community;
- Leading and fully participating in open, constructive dialogue with a broad cross-section of members of the community regarding public health issues;
- Serving as a strong link between the public health agency, the community, and other stakeholder organizations; and
- Building linkages between the public and partners that can mitigate negative impacts and emphasize positive impacts of current health trends.

Continuous improvement: Routinely evaluate, monitor, and set measurable outcomes for improving community health status and the public health agency's/governing body's own ability to meet its responsibilities. These may include, but are not limited to:

- Assessing the health status of the community and achievement of the public health agency's mission, including setting targets for quality and performance improvement;
- Supporting a culture of quality improvement within the governing body and at the public health agency;
- Holding governing body members and the health director/health officer to high performance standards and evaluating their effectiveness;
- Examining structure, compensation, and core functions and roles of the governing body and the public health agency on a regular basis; and
- Providing orientation and ongoing professional development for governing body members.

Oversight: Assume ultimate responsibility for public health performance in the community by providing necessary leadership and guidance in order to support the public health agency in achieving measurable outcomes. These may include, but are not limited to:

- Assuming individual responsibility, as members of the governing body, for actively participating in governing entity activities to fulfill the core functions;
- Evaluating professional competencies and job descriptions of the health director/health officer to ensure that mandates are being met and quality services are being provided for fair compensation;
- Maintaining a good relationship with health director/health officer in a culture of mutual trust to ensure that public health rules are administered/enforced appropriately;
- Hiring and regularly evaluating the performance of the health director; and
- Acting as a go-between for the public health agency and elected officials when appropriate.

All public health governing entities are responsible for some aspects of each function. No one function is more important than another. For more information about the six governance functions, please visit www.nalboh.org.

Approved by the NALBOH Board of Directors – November 2012



1840 East Gypsy Lane Road
Bowling Green, Ohio 43402
(419) 353-7714
www.nalboh.org

DID YOU KNOW...

- Did you know without public health there would be no clean water or air.
- Did you know public health is responsible for creating tobacco-free public places and workplaces.
- Did you know public health is at work when a workplace or school provides healthy lunches.
- Did you know the health department prevents epidemics from spreading, such as tuberculosis (TB).
- Did you know that public health limits food-borne outbreaks from occurring.
- Did you know public health helps to provide immunizations to those without insurance.
- Did you know public health promotes healthy behavior by providing education, assistance, and support.
- Did you know public health assists people in obtaining state insurance; BadgerCare Plus, Medicaid.
- Did you know public health promotes healthy babies before and after birth with prenatal programs and maternal/child programs.
- Did you know public health encourages healthy eating habits in children with coordination with the WIC (Wisconsin Women, Infants, and Children) food program.
- Did you know that public health encourages transportation safety through car seat inspection programs.

Public health activities lay the groundwork for healthier communities. They protect us from diseases and injury and help us change behaviors that could cause us harm. There are many more programs, support, and assistance that your local health department can provide for you. To obtain more information about Juneau County Health Department, call 608-847-9373 Monday-Friday 8:00 a.m. - 4:30 p.m. or go to www.co.juneau.wi.gov under the health department link.