

# Sauk County, Wisconsin

## Public Health Department Annual Report 2012

### **2012 Mission:**

The Sauk County Health Department protects Sauk County residents and visitors by taking action to promote health and safety and prevent illness, injury and disease.

### **2012 Vision:**

The Sauk County Health Department will be an independent, nationally-accredited health department.

### **Departmental Program Summary:**

The Sauk County Health Department is a Level II health department and has 5 major programs, Public Health Nursing, Home Care, Environmental Health, WIC, and Public Health Preparedness.

**Public Health Nursing:** Provides service coordination for families with children who have special needs, temporary medical assistance for women with reproductive health issues, communicable disease control, referrals for health care for residents who have no health insurance, paternity testing, prenatal care coordination, home visits to mother, babies and children, investigation of food borne outbreaks, provide childhood and adult immunizations, elevate blood level in children are followed up, provide preventative dental services to Sauk County children through fluoride tablets, fluoride varnish at WIC clinics and sealants in public schools.

**Medicare Certified Home Health Services:** Provides skilled nursing, home health aides, and physical therapy, occupational therapy, speech therapy and foot clinics.

**Environmental Health:** Provides home lead assessments, radon testing and follow-up, well water inspections and sampling, and rabies surveillance and bite follow-up. They also are responsible for inspecting and licensing tattoo establishments and retail food service establishments. Environmental Health staff complete inspections at low risk restaurants, hotels, tourist rooming houses, campground, bed and breakfasts, vending machines, and school food programs. Environmental Health receives, evaluates, investigates, and enforces complaints or concerns regarding unfit buildings, asbestos, insect and rodent control, indoor and outdoor air quality, noxious odors, noise, mold, exotic animals, solid waste, and any other unsanitary conditions.

**WIC (Women, Infants and Children):** Provide food and nutrition information to help keep pregnant and breast feeding women, infants and children under five years of age healthy and strong.

**Public Health Preparedness:** Responsible for the administration of a response plan for public health emergencies. (e.g. Influenza pandemics, biohazard release)

**Accreditation:** Sauk County Public Health Department is committed to becoming a nationally accredited health department. Having completed a community needs assessment and initiated a community health improvement plan in 2011 the next step was developing a strategic plan. The following goals and objectives come directly from the strategic plan and are listed below.

## 2012 GOALS REVIEW

OBJECTIVE	WAS THIS OBJECTIVE REACHED IN 2012?
	Yes or No (If no, please provide comment)
Remain Committed to the Accreditation Process	<ul style="list-style-type: none"> <li>• Monthly report on accreditation to the board of health</li> <li>• Director reports to the staff at the quarterly staff meeting</li> <li>• Quality Improvement team meets at least quarterly</li> <li>• Gathered documentation and data is placed on a hard drive.</li> <li>• A tracking form has been developed to organize data collected.</li> <li>• Plan to submit a letter of intent by 2/15/2013.</li> </ul>
Grow and Fund Department Programs	<ul style="list-style-type: none"> <li>• Construction plan have been approved to create physical space for WIC</li> <li>• Discussion with Adams and Juneau county regarding Agent status is moving forward</li> <li>• A new electronic health record will streamline billing for all departments</li> <li>• Local grants were received for rural safety days, foot clinics, car seats, dental equipment and the seal-a-smile programs</li> <li>• The health officer participates in community health improvement process and in all 3 local hospitals community needs assessments</li> <li>• A state infrastructure grant was awarded to the department to assist in the accreditation process.</li> </ul>
Maintain Support of Stakeholders	<ul style="list-style-type: none"> <li>• Face book entries are updated every week day with links to local hospitals, schools, and community organizations</li> <li>• A video was created by the department and approved by the BOH to be distributed locally to the community to educate Sauk County residents on the importance of public health services</li> <li>• The department strategic plan was approved by the BOH and posted on the department website</li> <li>• Discussion on the accreditation process is discussed monthly at the BOH meeting.</li> </ul>

## **Changes / Accomplishments:**

The Community Health Improvement Plan steering committee meets bi-monthly to review community plans in Baraboo, Reedsburg and Sauk Prairie. The meetings are coordinated with the Sauk County UW Extension and are part of a grant through a CDC grant to evaluate the tools being developed to strengthen the infrastructure that supports local communities so they can do collaborative, efficient, evidence –informed community health improvement processes that improve the health of their communities. The Community Health Needs Assessment and the Community Health Improvement Plan can be found at [www.co.sauk.wi.us/publichealth](http://www.co.sauk.wi.us/publichealth)

The Public Health Department continues to move toward accreditation. A project manager is assisting in developing tracking tools and plans, collecting data and coordinating the Quality Improvement team meetings. The Centers for Disease Control is supporting the process through grant funding. The goal of Public Health Accreditation Board's (PHAB) accreditation program is to improve and protect the health of every community by advancing the quality and performance of public health departments. (Source: National Association of County and City Health Officials). Internally, accreditation will provide the employees the direction they need to complete their job duties.

There are 3 prerequisites necessary to acquire accreditation. A Community Health Assessment needs to be completed and a Community Health Improvement Plan and a Strategic Plan. The health department completed the health assessment in 2011 and started a Community Health Improvement Plan with community partners. A strategic plan was developed in March 2012.

Accreditation is a quality improvement/management process that builds on the department's strengths and looks for gaps in services. The department is continuing to review policies and procedures and develop written policies that are missing. This process will allow for a smoother orientation of new employees.

The home care program had an average monthly census of 43.2. There are now three home care nurses and three home health aides. The Allscripts program will allow for point of care charting which will improve the efficiency of the staff. The program contracts with a physical therapist, occupational therapist, and speech therapist to provide services.

The Women's, Infant's and Children's (WIC) caseload is steady. The WIC director obtained a Fit Families grant for 2012-2013. The grant is to provide education and support to families to help make behavioral changes that will decrease obesity in the future.

A Hazard Vulnerability Assessment (HVA) was completed by local health departments and tribes in the state as a requirement of the Public Health Emergency Preparedness contracts. The results from the completed assessments identify those natural and man-made disaster scenarios that pose the greatest potential or relative threat for the state as a whole, for each Public Health, Emergency Management and Hospital Preparedness region and for local communities. The HVA will be used as a road map for trainings.

Educational material is regularly provided to the general public through the Sauk County website, press releases and interviews with the press regarding health issues in the county. Public Health has updated the website this year and documents are available to the public.

Communicable disease reports are listed monthly. Environmental Health policies are listed on the site for mold investigation. The Health department is on Facebook and Twitter.

The Public Health Department is in the process of configuring the Allscripts computer program. The process will be on going for at least 2-4 months. The go live date is set for April 1, 2013.

The Health Officer attends a legislative breakfast quarterly to provide educational information on Public Health issues to State legislators.

The Environmental Health program underwent a Department of Agriculture, Trade and Consumer Protection audit in March 2011. Areas of improvement and opportunities for change were presented for the DATCP and limited agent program. Policies and procedures have been developed to meet the requirements of the audit. Inspections for the DATCP and Department of Health limited Agent program are completed electronically through the Health Space program. The DNR Well water program is audited yearly and changes have been made to the program to be in compliance with the program requirements.

## **PUBLIC HEALTH NURSING PROGRAMS**

### **Statistical Summary**

<b>Communicable Disease</b>		<b>Sexually Transmitted Infections</b>	
Babesiosis	2	Chlamydia	139
Campylobacteriosis	26	Gonorrhea	4
Cryptosporidium	14	Syphilis	3
Haemophilus Influenzae	1		
Hepatitis C	15		
Hepatitis B	1		
Histoplasmosis	1		
Legionellosis	2		
Lyme's Disease	53		
Salmonellosis	5		
Strep A	2		
Strep B, Invasive	2		
E-COLI	5		
Giardiasis	4		
Parapertusis	3		
Pertussis	48		
Strep Pneumoniae, Invasive	2		
Influenza associated	7		
<b>Hospitalization</b>			
Salmonellosis	9		
Shigelosis	2		
Varicella	1		
Mycobacterial disease (non-TB)	7		
La Crosse Encephalitis	1		
<b>Communicable Disease Total</b>	<b>213</b>	<b>Sexually Transmitted Disease Total</b>	<b>146</b>

Wisconsin Electronic Disease Surveillance System (WEDSS) allows providers, hospital labs and physicians, State Lab of Hygiene and DHS and local health department's easy access to disease reports. Few paper copies of reports are sent to the Public Health Department. In 2012 the pertussis outbreak continued and according to the Wisconsin State Department of Health Services (DHS) the incidence of pertussis in Sauk County for 2012 is 122 per 100,000.

The number of confirmed STIs cases is slightly higher in 2012 than 2011.

<b>Tuberculosis</b>	
<b>Active</b>	<b>0</b>
<b>Latent</b>	<b>8</b>

The number of latent TB cases decreased from 12 to 8 in 2012. Latent tuberculosis is caused by mycobacterium tuberculosis and is encapsulated. When the bacteria enter the body some of the bacteria are killed and the rest are covered by a tough scar tissue. Latent tuberculosis is inactive, treatable and cannot be spread (non-communicable). Fortunately Sauk County has not had an active case of tuberculosis in over three years. We have seen an increase in the management of latent Tuberculosis infection cases (LTBI). This may be related to Sauk County residents who have lived in parts of the world where tuberculosis is endemic and the required testing by certain employers. Also, some of these LTBI cases have been identified with the inmate population where testing is mandated.

<b>Rabies</b>	
<b>Animals quarantined</b>	<b>147</b>
<b>Vaccinated animals</b>	<b>102</b>
<b>Unvaccinated animals</b>	<b>91</b>
<b>Animals tested</b>	<b>49</b>
<b>Total Bite Reports</b>	<b>221</b>

Rabies is a viral disease affecting the central nervous system. It is transmitted from infected mammals to man and is invariably fatal once symptoms appear. Skunks and bats are the most likely animals to carry the rabies virus, although rabies also has occurred with some regularity in dogs, cats, foxes, raccoons and livestock. Rabies is almost always contracted by exposure to a rabid animal. The exposure is nearly always through a bite, but rabies can also be transmitted if a rabid animal scratches a person or if its saliva comes into contact with broken skin. Because bites and scratches from bats may go unnoticed if a person is sleeping, is very young, or is mentally incapacitated, a physician should be contacted if a bat is found in the same room with a young child, or with a sleeping or mentally incapacitated adult. Rabies is a reportable disease and early treatment is very important.

<b>Immunizations</b>			
<b>Child</b>		<b>Adult</b>	
<b>DTP/aP</b>	<b>14</b>	<b>Hep A</b>	<b>9</b>
<b>DTaP/Hep B/Polio</b>	<b>19</b>	<b>Hep A/B</b>	<b>6</b>
<b>DTaP/Hib/Polio</b>	<b>40</b>	<b>Hep B</b>	<b>58</b>
<b>Dtap-Polio</b>	<b>47</b>	<b>DTP/ap</b>	<b>0</b>
<b>Hep A</b>	<b>81</b>	<b>HPV</b>	<b>34</b>
<b>Hep B</b>	<b>31</b>	<b>Influenza Seasonal</b>	<b>347</b>
<b>Hib</b>	<b>17</b>		
<b>HPV</b>	<b>146</b>	<b>Meningococcal</b>	<b>1</b>
<b>Influenza seasonal</b>	<b>1789</b>	<b>MMR</b>	<b>21</b>
		<b>Pnuemococcal</b>	<b>0</b>
<b>Meningococcal</b>	<b>144</b>	<b>Polio</b>	<b>1</b>

MMR	78	Td	2
Pneumococcal	54	Td/pertussis/Tdap	285
Polio	11	Varicella	24
Rotavirus	30	HPV	0
Td	0		
Td/pertussis/Tdap	216		
Varicella	203		
<b>TOTAL</b>	<b>1309</b>	<b>TOTAL</b>	<b>759</b>

The Wisconsin Immunization Program was notified by the Center for Disease Control and Prevention on the implementation of the 317 vaccine policy change that prevents the use of federally funded vaccine to immunize individuals whose insurance covers the cost of vaccine. Beginning October 1, 2012, individuals whose insurance covers immunizations will not be able to be immunized with state supplied vaccine (i.e., federally purchased 317 vaccine), even if the insurance includes a high deductible or co-pay, or the plan's deductible has not been met.

Sauk County Health Department is part of a newly formed immunization coalition. The South West Immunization Coalition was formed because of low immunization rates of children in the rural area. The coalition includes the counties of Columbia, Grant, Green, Iowa, Lafayette, Richland, Sauk and the Rural Wisconsin Health Cooperative. Information regarding the coalition can be found at [www.rwhc.com/SWIC.aspx](http://www.rwhc.com/SWIC.aspx).

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### RURAL SAFETY DAY PROGRAM

Number of children served	755
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The Rural Safety Day Program is provided every spring for all 3<sup>rd</sup> graders in Sauk County. The community partners include Reedsburg Hospital, St. Clare Hospital, the Sheriff's department, Baraboo Fire and Ambulance, Humane Society, Emergency Management, UW Extension and Public Health. The program is funded through donations. Karen Mckowen from the Department of Health Services, Public Health Director attended on Wednesday May 16<sup>th</sup>.

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### FLUORIDE TABLET PROGRAM

Number of children served	10
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For the year 2012 ten children ages 6 months to 16 years in Sauk County participated in the fluoride program. After the initial analysis of the fluoride content in the families' well water, oral supplementation of fluoride is provided for a minimal charge. Dosage is dependent on child's age and the percentage of exposure to fluoridated water supplies, such as at school.

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### COMMUNITY CARE PROGRAM DENTAL VOUCHERS

Number of individuals served	26
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To be eligible for a dental voucher a Sauk County resident must be low income (less than, or equal to, 200% federal poverty level), have no dental insurance and have an urgent dental need. At present there are 9 Sauk County dentists who participate.

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### Fluoride Varnish

<b>Number of children served</b>	<b>190</b>
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Fluoride varnish provided to children at the WIC clinic is slowly increasing. The WIC clinic will move to the 3<sup>rd</sup> floor with the remodel of the department. This should allow for greater coverage of children. This program is funded through Medicaid reimbursement and a grant from St. Clare Health Care Foundation for education for parents.

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### Seal a Smile Dental Grant

<b>Number of children screened</b>	<b>438</b>
<b>Number of children who received dental sealants</b>	<b>376</b>
<b>Number of children who received fluoride varnish treatments</b>	<b>843</b>
<b>Number of children referred for urgent dental needs</b>	<b>82</b>

Sauk County’s Seal-A-Smile Program is currently in its 5<sup>th</sup> year of operation. In our first year we visited 6 Sauk County public schools and provided free dental sealants to 200 children. At that time, based on the free/reduced lunch rates (FRL rates - an indication of poverty levels) for the 2007-2008 school year, there were 6 public schools in Sauk County with rates at 35% or higher. This school year we are visiting 15 public schools with free/reduced lunch rates of 35% or higher. Our goal is to screen 350 and provide free sealants to 300 children in grades 2 through 5 during the 2012-2013 school year.

This program is supported through Seal-A-Smile grants administered by the Children’s Health Alliance, grants from local foundations (the Greater Sauk County Community Foundation, Sauk Prairie Memorial Hospital Foundation and St. Clare Health Care Foundation) and reimbursements from Medicaid billing. As more Sauk County schools increase their FRL rates each year, and thus become eligible for Seal-A-Smile grant services, we anticipate this program to continue to expand.

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### SAUK COUNTY COMMUNITY CARE PROGRAM (Medical Vouchers’)

<b>Total people served</b>	<b>579</b>
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The medical voucher program is a collaborative program with Reedsburg Area Medical Center, Reedsburg Physician Group, St. Clare Hospital and Medical Associates and the Health Department. A public health nurse will triage a client for acute care needs and then refer them to a physician, medication for the acute condition are also funded through this program. Funding is through the Reedsburg and St. Clare Hospital Foundations and United Fund.

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## Human Services Adult Protective Services

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### Home Visits by Public Health Nursing

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The Long Term Care social workers will request a nurse to accompany them on home visits where there are medical concerns or possible neglect or abuse. Funding is through tax levy dollars. Since the Family Care Program is no longer part of the Human Services Department public health nurses are required to assist the social workers.

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### Prenatal Care Coordination

Admissions to Prenatal Care Coordination program	78
First Trimester	45
Second Trimester	26
Third Trimester	7

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The Prenatal Care Coordination Program is a service available at no cost to pregnant women who are eligible for Medical Assistance, Healthy Start or any pregnant teen. Services provided include: identification of needs and services, assistance with finding a physician, nutritional counseling and WIC referral, social support throughout pregnancy, breastfeeding advice, and education about care of newborns. Public Health Nurses meet with pregnant women to identify their individual needs and then connect them to community resources. The earlier in the program the women is admitted and are referred for prenatal care the better the birth outcome. In 2010 admission in the first trimester was 39% of total admission and improved to 51.4% in 2011. PNCC first trimester admission rate was the focus of a QI project. The 1<sup>st</sup> trimester admission rate is currently at 55.6%

The Prenatal Care Coordination Program (PNCC) has expanded. Two public health nurses are admitting and following women on the PNCC program. The public health nurses are collaborating with the Women Infants and Children's program to expand PNCC. Women on Medical Assistance and teenage women qualify for the PNCC program. In 2012 the PNCC program serviced a total of 144 women. Some who were admitted in 2011 did not deliver until 2012, therefore the higher number. The prenatal care visits are billable to Medicaid.

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### Paternity Tests

Private	0
Ho Chunk	24
Other	3

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The Public Health Department will no longer complete paternity tests. The Sauk County Child Support Agency has assumed the role of paternity testing. This program was eliminated due to lack of staff time to complete the tests. Staff time was needed in the PNCC program.



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## PREGNANCY TESTS

Pregnancy Tests	146
Presumptive Eligibility & eligibility assessments initiated	141
Family Planning waiver presumptive eligibility initiated	23

The number of individuals enrolled into the Presumptive Eligibility increased in 2012. The Health department is receiving grant Medicaid match money for enrollments in the medical assistance program and to provide outreach and education to local medical clinics. Early enrollment in medical assistance allows early access to prenatal care.

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## FIRST BREATH PROGRAM

Number of Women Served	10
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The goal of the program is to decrease smoking in pregnant women. The PNCC nurses provide information to women on the PNCC program who smoke, to educate and provide support to help them quit smoking. Data collected from women on the PNCC program in 2012 indicates 48.7% of the women smoked.

Smoking during pregnancy puts a baby at risk of pre-term membrane rupture, placental abruption, placenta previa, stillbirth, low birth weight sudden infant death syndrome (SIDS), cleft palate and lips, childhood cancers and respiratory and behavioral issues.

The **Maternal Child Health** program is grant funded and has undergone changes to the requirements of the grant. Local health departments are required to use a systems approach to serve a greater number of people. There are two objectives that Sauk County is participating in one is Keeping Kids Alive Initiative and the Wisconsin Healthiest Families initiative. Home visits will be completed in collaboration with the Human Services program and through Public Health Targeted Case Management.

The goal of the **Wisconsin Well Women Program** is to improve access to preventative health services for low-income, uninsured, or under-insured women; to eliminate preventable death and disability from breast and cervical cancer, particularly among medically under-served women. The number of women served for the Well Women Program was slightly higher this year. This may be due to the changes in Badger Care. Sauk County is fortunate to have Susan G. Komen of South Central Wisconsin providing assistance to women who have been diagnosed with breast cancer. This program is coordinated through the Juneau County Health Department for Adams Juneau and Sauk counties. Funding is from the U.S. Centers for Disease Control and Prevention (CDC), The National Breast and Cervical Cancer Early Detection Program (NBCCEDP) provide breast and cervical cancer screening services and from the State of Wisconsin.

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**Wisconsin Well Women program (WWWP)**

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<b>Active Caseload</b>	<b>221</b>
<b>Total Number Screened</b>	<b>164</b>

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**Enrollments**

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<b>New</b>	<b>65</b>
<b>Re-Enrollments</b>	<b>108</b>
<b>Total New Wisconsin Well Woman Medicaid Clients</b>	<b>4</b>

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**WWWP Screening Results for Breast Cancer**

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<b>Total Mammography Screenings</b>	<b>114</b>
<b>Total Clinical Breast Exams</b>	<b>145</b>
<b>Woman Needing Further Follow-up</b>	<b>23</b>
<b>Total Breast Ultrasounds</b>	<b>16</b>
<b>Total Diagnostic Mammograms</b>	<b>22</b>
<b>Total Fine Needle Aspirations, Biopsies or Lumpectomies</b>	<b>6</b>
<b>Total Surgical Consultations</b>	<b>7</b>
<b>Total Breast MRI's</b>	<b>0</b>
<b>Total Woman Diagnosed with Cancer</b>	<b>1</b>

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**WWWP Screening Results for Cervical Cancer**

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<b>Total Pap/Pelvic Screenings</b>	<b>101</b>
<b>Total Number of Women requiring follow-up</b>	<b>7</b>
<b>Total Colposcopies</b>	<b>5</b>
<b>Total Number of LEEPS</b>	<b>2</b>
<b>Of the women who received follow-up, those diagnosed with cervical cancer or precancerous condition</b>	<b>3</b>

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## Tobacco Retailer Compliance Investigations

Community	Sales Rate	Total Investigations attempted	# unable to investigate	Pass	Not Pass	Net Investigations (Pass/not pass)
City of Baraboo	12.5%	9	1	7	1	8
Delton Township	33%	3	0	2	1	3
Village of lake Delton	35.70%	16	2	9	5	14
Merrimac Township	0%	2	0	2	0	2
Village of Prairie du Sac	33%	3	0	2	1	3
City of Reedsburg	7%	16	2	13	1	14
Village of Rock Springs	100%	1		0	1	1
Village of Sauk City	37.5%	8	0	5	3	8
Sumpter Township	0%	1	0	1	0	1
Village of West Baraboo	0%	4	0	4	0	4
City of WI Dells	20%	5	0	4	1	5
Total Sauk County	22.20	68	5	49	14	63

In 2012, 68 Sauk County tobacco retailers were investigated for sales to minors. These investigations were completed under the guidelines of the Wisconsin Wins Tobacco Retailer Compliance Program established through the WI DHS Tobacco Prevention and Control Program. The TPCP provides training, media, community outreach, and education to Wisconsin retailers. More details can be found online at: [www.wiwins.org](http://www.wiwins.org). The overall compliance rate for 2012 was 77.8% - This means that underage young people were able to successfully purchase tobacco products 22.2% of the time. The rate of noncompliance varies from year to year. In 2010 it was 37% and in 2011 it was 18.75%

## SAUK COUNTY HOME CARE PROGRAM

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HOME CARE	
Caseload (duplicated)	519
Monthly Average Caseload	43
Home Care Visits	
Skilled Nursing	2927
Home Health Aides	2279
Physical Therapy	797
Occupational Therapy	382
Speech Therapy	42
<b>TOTAL</b>	<b>6427</b>

Sauk County Home Care has been providing services since 1967. The program is state and federally certified. Home care is funded through payment from Medicare, Medicaid, and third party payers. There are 3 home care nurses, 3 home care aides, and contracted therapy services available. As a small local organization, consistent caregivers are delivered week in and week out so that patients and their families feel comfortable, safe, and secure at home. A registered nurse is available by telephone 24 hours a day, seven day a week. In 2011 the home care program did not require the use of tax levy dollars.

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Foot Clinic	
Total People Served	1694

Foot clinics are held in 8 communities and there are 9-10 clinics held every month.

The home care aides and home care nurses provide this service. The program has been in existence since 1998 and the number of people served has remained constant.

The majority of clients have multiple health issues and are unable to care for their own feet because of bleeding, vision, arthritic or circulatory issues.

The program received funding for supplies through a 2012 Greater Sauk County Community Foundation grant. This allowed the price of the service to remain the same.

## SOUTH CENTRAL ENVIRONMENTAL HEALTH CONSORTIUM

The Sauk Central Environmental Health Consortium consists of the Adams, Juneau and Sauk Counties. Funding to support the environmental health program is secured through grants, contracts, and license fees in the 3 counties. This pooling of funds allows the counties to more effectively meet the needs of the citizens and to more efficiently conduct the programs. The consortium has 3.75 employees. A written Memorandum of Understanding is being created.

<b>Radon Awareness/Testing Program</b>			
Total Sampling	Kits Supplied	161	Kits Returned 66
0-3.9pCi/L			41
4-8pCi/L			16
8.1-15pCi/L			6
15pCi/L or greater			3

- |                    |   |
|--------------------|---|
| 0-3.9pCi/L         | Exposure in this range is considered average and is not considered dangerous.   |
| 4-8pCi/L           | Exposures in this range are considered average or slightly above average for residential structures. Although exposures in this range do present some risk of lung cancer, reductions of this level may be difficult. |
| 8.1-15pCi/L        | Exposures in this range are considered above average for residential structures. Action should be taken to lower levels to about 4pCi/L or below.   |
| 15pCi/L or greater | Exposures in this range are considered greatly above the average for residential structures. Action should be taken to reduce levels within a few months after confirmation of a long-term result.                    |

<b>Radon Program</b>	
<b>Contacts</b>	249
<b>Problems</b>	29
<b>Homes mitigated</b>	9
<b>Consultations</b>	12

The goal is to advance public awareness of radon and evaluate the scope of our local radon problems. Decrease the amount of people who are exposed to radon which is the second leading cause of lung cancer. An educational video was created and will be posted on the website. Sauk county Health Department is a Radon Information Center(RIC) for Adams, Juneau, Sauk and Columbia

Funding is through the state Consolidated Contract, Division of Public Health, Environmental Protective Agency (EPA) and County tax levy.

### Adams County Environmental Health Hazards Investigated

	Problems	Contacts
Air Quality	3	21
Asbestos/Residential	0	11
Lead Hazards	0	3
Radon	0	6
Water Quality	4	243
Mold	1	13
Housing	17	82
Solid Waste	10	74
Other: insects, rodents, animal problems and vectors	1	13
DATCP*	4	70
Limited Agent*	7	150
<b>TOTAL</b>	<b>47</b>	<b>686</b>

### Juneau County Environmental Health Hazards Investigated

	Problems	Contacts
Air Quality	1	50
Asbestos/Residential	1	16
Lead Hazards	3	18
Radon	4	132
Water Quality	7	367
Mold	21	108
Housing	49	140
Solid Waste	16	81
Other: insects, rodents, animal problems and vectors	3	14
DATCP	5	103
Limited Agent	9	166
<b>TOTAL</b>	<b>119</b>	<b>1195</b>

### Sauk County Environmental Health Hazards Investigated

	Problems	Contacts
Air Quality	17	50
Asbestos/Residential	7	16
Lead Hazards	2	18
Radon	27	132
Water Quality	24	367
Mold	35	108
Housing	84	250
Solid Waste	17	65
Other: insects, rodents, animal problems and vectors	17	51
DATCP	56	574
Limited Agent	83	714
<b>TOTAL</b>	<b>369</b>	<b>2345</b>

The goal of the Environmental Health Hazard Program is to assess and abate environmental concerns utilizing the Wisconsin State Statutes and County Ordinance, “Abating Public Nuisance Affecting the Public Health”.

Funding is from the Prevention Block Grant, Division of Public Health and County tax levy.

## LEAD PROGRAM

Lead Levels	Adams	Juneau	Sauk
0-4 mcg/dl	228	305	431
5-9 mcg/dl	0	9	20
10-19 mcg/dl	0	0	1
<b>TOTAL</b>	<b>228</b>	<b>314</b>	<b>452</b>
Environmental lead inspections	3	3	6
Case management	0	6	4

Health education consists of a family completing an environmental questionnaire and information as to a possible source of lead exposure. Education on the symptoms, sources, effect and prevention strategies of lead poisoning are reviewed with the child's family.

Environmental health evaluation and assessment consists of a review of possible environmental sources of blood lead contamination with the child's family. A home inspection by an environmental health specialist is made to collect samples and perform analysis on paint, soil and water sources. Information and resources are given for clean-up and abatement.

Funding is through the Division of Public Health Prevention Block Grant, State of Wisconsin Medicaid Program. The lead grant is part of the prevention contract. Sauk County is the fiscal agent for the contract. The WIC departments complete the blood lead rates, the public health nurse complete education, and the environmental health specialist completes environmental lead assessments for all three counties.

## TATTOO AND PIERCING

### Tattoo/Piercing Program Statistics

Tattoo/Piercing contacts	102
Establishment inspections	11

The Environmental Health Program wrote 13 citations for illegal tattooing in Sauk county. Three of the citations were dropped so 10 individuals have charges pending. .

#### Tattoo Ordinance

The goal of the tattoo program is to educate the public regarding the necessity for proper sanitation and regulations of the tattoo and piercing industry, and to verify compliance with Ordinance Chapter 28 by all licensed tattoo and piercing establishments.

The Sauk County Board of Supervisors adopted Local HFS 173.01 has been promulgated creating a local agent enforcement program for regulation of tattoo and body piercing. The Sauk County Board of Health was the sponsor of the Local Chapter.

Funding is through license fees.

**Department of Health Services Limited Agent Program Statistics**

	Adams	Juneau	Sauk
<b>Facilities Inspections</b>	82	110	271
<b>Re-inspections</b>	0	0	10
<b>Complaints</b>	1	0	35

The goal of the limited agent program is to assure safe and sanitary facilities.

Funding is through the Department of Health Services.

**Transient Non-Community  
Water Supply Program Statistics**

	Adams	Juneau	Sauk
<b>Inventoried Systems</b>	171	104	136
<b>5 Year Sanitary Surveys</b>	42	25	30

The goal of the Well Water Program is to detect construction, location, maintenance and operational deficiencies before unsafe conditions occur. An audit of the program is completed yearly. Changes have been made to become compliant with program requirements.

**Wisconsin Department of Agriculture Trade and Consumer Protection(DATCP)  
Agent Program Statistics**

	Adams	Juneau	Sauk
<b>Facilities Inspected</b>	26	58	183
<b>Complaints</b>	0	0	1

The goal of the DATCP Agent program is 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 present in Sauk County and to authorize the Sauk County Health Department to become the designated agent of the State of Wisconsin Department of Agriculture, Trade and Consumer Protection for the purpose of establishing permit fees, issuing permits, collecting samples, and making investigations of retail food establishments and for the purpose of enacting local regulations governing these establishments.

The DATCP Agent underwent an audit of the program in March 2012. Several opportunities were identified for improvement of the program. Changes were made to improve the efficiency of the program and create tracking and documentation that is required by the DATCP and Department of Health services.

Funding is through license fees.



# Sauk County WIC Annual Report 2012

## Sauk County WIC:

WIC is a supplemental nutrition program for women, infants, and children and has been proven to reduce the incidence of low birth weight among participating families. The program focuses on preventing nutrition related health problems and improving the health status of low-income, at-risk pregnant/postpartum/breastfeeding women and children up to age 5. WIC accomplishes this through the provision of supplemental nutritious foods, nutrition intervention, and referrals to other services.

- Preterm births cost the U.S. over \$26 billion a year, with average first year medical costs for a premature/low birth-weight baby of \$49,033 compared to \$4,551 for a baby born without complications. It costs approximately \$743 a year for a pregnant woman to participate in WIC with an average participation length of 13 months. We know that for every dollar spent on a pregnant woman in WIC, up to \$4.21 is saved in Medicaid.

## **The following are Goals Nutrition Staff were focused on during 2012:**

- Continue to provide Medical Nutrition Therapy to high risk pregnant women enrolled in Prenatal Care Coordination.
- Improve breastfeeding duration rates of WIC mothers.
- Enroll and maintain participants in the Fit Family Program

In the year 2012, Sauk County WIC provided services to 2,289 participants. Many participants are enrolled in WIC a short time during financial hardship.

## **Average Monthly Participation**

2008	2009	2010	2011	2012
1354	1385	1427	1428	1404

## **2012 Wisconsin County Poverty Estimates from DHFS**

Sauk County WIC is currently serving:

**Estimated Eligible's = 90.7%**

## Caseload Distribution

	2008	2009	2010	2011	2012
<b>Women</b>	<b>25%</b>	<b>25%</b>	<b>25%</b>	<b>24%</b>	22%
<b>Infants (0-11mos)</b>	<b>23%</b>	<b>24%</b>	<b>24%</b>	<b>24%</b>	22%
Children (1-5 years)	52%	51%	51%	52%	56%

## Actual Food Dollars Spent Sauk County WIC Approved Grocery Stores

2008	2009	2010	2011	2012
<b>\$995,817</b>	<b>980,396</b>	<b>981,463</b>	<b>990,810</b>	<b>\$999,471</b>

## BREASTFEEDING

### Breastfeeding Incidence and Duration for WIC Women

	<b>2009 Sauk County</b>	<b>2010 Sauk County</b>	<b>2011 Sauk County</b>	<b>2012 Sauk County</b>	2012 State
Incidence	79.8%	83.8%	82.7%	84.6%	<b>71.5%</b>
1 week	73.2%	75.8%	79.8%	78.4%	<b>64.8%</b>
2 weeks	72.4%	76.5%	80.9%	82.9%	<b>70.0%</b>
1 month	77.0%	77.7%	75.5%	74.0%	<b>68.8%</b>
6 weeks	69.2%	70.9%	69.3%	63.6%	<b>63.2%</b>
3 months	57.8%	56.0%	53.5%	55.5%	<b>46.6%</b>
6 months	35.3%	34.9%	31.3%	34.0%	<b>25.8%</b>
9 months	23.1%	19.1%	17.6%	22.0%	<b>16.7%</b>
12 months	21.1%	16.7%	14.8%	13.0%	<b>12.9%</b>

### Breastfeeding Peer Counselors

The Sauk County WIC Program continues to receive funding for Breastfeeding Peer Counselors for 2012. The program has 2 peer counselors who provide breastfeeding support through home visits, telephone contacts, and visits at clinic.

### Fit Families Grant

The program is designed to improve the health of the family through improving eating and activity habits. Each family works with a counselor (Registered Dietitian) to help reach their goals through monthly contacts. In 2012, over 50 participants were enrolled in the program.

**BLOOD LEAD**

Sauk County WIC Program draws blood leads on all children according to state guidelines. Public Health Nurses and Environmental Health do follow up on all children with high lead values.

**TOTAL LEADS COMPLETED BY WIC**

2008	2009	2010	2011	2012
523	509	480	466	468

**WIC FARMER’S MARKET**

The WIC Farmer’s Market Nutrition Program provides \$17.00 in WIC checks to each WIC family to purchase fresh, Wisconsin grown fruits, vegetables, and herbs at Sauk County Farmer’s Markets. When the families receive the vouchers, they also receive information from WIC staff regarding the times & days of the markets, a listing of when certain produce is in season, and ideas for using and preparing fresh fruits and vegetables.

**Farmers Market Redemption Rate**

	Amount Purchased	Sauk County		State	
		Issued	Cashed	Issued	Cashed
2008	\$7,039	73%	64%	80%	54%
2009	\$7,917	81%	63%	80%	53%
2010	\$7,484	84%	55%	78%	50%
2011	\$8,932	77%	65%	70%	53%
2012	\$7,713	79%	57%	72%	51%

**CHILDREN WITH SPECIAL HEALTHCARE NEEDS GRANT**

The Sauk County WIC Program grant was continued for 2012 along with sixteen other WIC Programs in the state. The focus of the grant is to implement strategies to collaborate with WIC partners to improve identification, treatment, and care coordination for nutrition related concerns of infants and children with birth defects or other special health care needs.

## Department Goals and Objectives

### OUT PUT MEASURES

DESCRIPTION	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL
Number of DATCP Inspections	178	156	183
Number of DNR well water inspections –		146	136
Number of Establishments of Limited Agent Establishments Inspected	402	279	271
Environmental Health Investigations & Follow-up	2,349	2492	2345
Communicable Disease Follow-up	321	336	359
Medical Vouchers Written	694	528	579
Immunizations Provided	4,756	1,428	2,068
Tobacco Compliance Checks Made to Establishments	85	80	68
Number of prenatal care clients	76	107	144
Number of Maternal Child Health Home Safety assessments	21	21	N/A
WIC Client Caseload	1,427	1428	1404
Home Care Clients Served (Duplicated)	646	555	519
Foot Care Clients Seen	1,728	1653	1694
Number of Public Health Emergency Preparedness Exercises, Training's & Community Meetings	19	18	27
At Least Quarterly Frequency Updates to Website	6	20	24
Dental Vouchers Written	48	30	26
Number of Oral Screenings in SEAL-A-SMILE Program	1,011	552	438
Number of Children who received Dental Sealants through SEAL-A-SMILE	277	376	376
Number of child receiving fluoride varnish through WIC/school	0/287	202/908	190/843

### OUTCOME & EFFICIENCY MEASURES

DESCRIPTION	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL
<b>% of Children served by the Health Department Immunization Program, who will be 24-35 months of age by Dec 31, of current year will complete their primary immunizations by the 24<sup>th</sup> month</b>	61%	63%	62%
<b>% of Tobacco Compliance Checks that do NOT sell to minors</b>	63%	71.25%	77.8%
<b>% of Third Grade Children who participate in Rural Safety Days</b>	92%	98%	95%
<b>% of the Limited Agent Inspections possible will be conducted</b>	100%	100%	100%
<b>The Department will update the website at least 75% of the time</b>	75%	100%	100%
<b>75% of all second graders in schools participating in the Seal a Smile program will have oral screening</b>	80%	84%	85%

**Public Health: “The science and art of preventing disease, prolonging life and promoting health through the organized efforts and informed choices of society, organizations, public and private, communities and individuals.” C.E.A. Winslow**