

2011 ANNUAL REPORT



SERVING THE CITIES OF:

Beloit, Clinton, Edgerton, Evansville,
Orfordville, Footville, Janesville,
Milton, Rural Townships of Rock County

ROCK COUNTY HEALTH DEPARTMENT

P.O. Box 1088
Janesville, WI 53547-1088
757-5440

61 Eclipse Center
Beloit, WI 53511
364-2010

www.co.rock.wi.us

Preventing Illness and Enhancing Health Through Quality Service

May 11, 2012

I am pleased to present the annual report of services provided by the staff at the Rock County Health Department in 2011. The men and women who provide public health services in Rock County are a talented and compassionate group of people who take great pride in protecting the health of our citizens.

Services are provided in a variety of locations throughout the county:

- homes
- schools
- restaurants and public lodging facilities
- campgrounds and beaches
- worksites
- mobile clinics that are set up by Health Department staff
- at the health department
- mobile home parks
- sites where new homes are being built

Services are provided via a variety of methods:

- telephone consultations
- health education presentations
- home visiting
- newspaper and other media sites
- classroom presentations
- membership on community coalitions
- inspections
- testing and analyzing samples
- screenings
- mailing information

Funding is provided from a variety of sources:

- grants
- fees for services
- donations
- state and federal dollars
- county tax levy

In helping us accomplish our mission, we are grateful to the Rock County Board of Supervisors, the Rock County Board of Health, and the County administration for providing us with the ways and means to getting our work accomplished. Without the support of these groups, Rock County citizens would not have access to the quality public health services currently available.

As you review the activities presented in this report, should you need or want more information, please feel free to contact Health Department staff. We believe it is our job to serve county citizens, and we take pride in being able to find answers to your questions or to provide information about our services.

Karen Cain RN, MS
Director/Health Officer
Rock County Health Department

**ROCK COUNTY HEALTH DEPARTMENT
2011 ANNUAL REPORT**

TABLE OF CONTENTS

Health Department Staff..... 4

2011 Financial Statement..... 5

Health Education..... 6 – 8

Public Health Nursing..... 9 – 23

 Public Health Nursing Division
 Communicable Disease Control
 Maternal and Child Health Services
 Adult Health
 Family Health Clinic

Environmental Health..... 24 – 52

 Environmental Health Report Summary
 Food Protection and Public Lodging Program
 Recreational Health & Safety
 Community Health & Safety
 Ground Water Program
 Laboratory Services
 Emergency Planning
 Private Sewage Disposal Program

ROCK COUNTY BOARD OF HEALTH MEMBERS:

Sandra Kraft – Chair, County Supervisor	Richard Bostwick – County Supervisor	Dr. Aaron Best, MD
Louis Peer – Vice Chair, County Supervisor	Dr. Dean Peterson, DVM	Judith Wade, WHNP
Jane Thompson – County Supervisor	James Rooney, RPh	Dr. Connie Winter, DDS

HEALTH DEPARTMENT PERSONNEL:

HEALTH OFFICER

Karen Cain, RN, MS – Health Officer

OFFICE STAFF

Erica Brandenburg – Public Health Support Specialist
Christine Garey – Public Health Support Specialist 0.6 FTE
Terri Graham – Public Health Support Specialist
Jolly Lamb – Clerk/Stenographer III
Carol McComb – Public Health Support Specialist
Denise Pozzani - Public Health Support Specialist
Geri Waugh – Account Clerk II

HEALTH EDUCATOR

Laura Fadrowski, BS

PUBLIC HEALTH NURSING

Janet Zoellner, RN, MS – Public Health Nursing Director
Deborah Erickson, RN, BSN – Public Health Nursing Supervisor
Sancee Siebold, RN, MSN – Public Health Nursing Supervisor
Valerie Christiansen, RN, BSN - Public Health Nurse
Jessica Hefty, RN, BSN – Public Health Nurse
Carissa Hodges, RN, BSN, BA - Public Health Nurse
Serena Jahnke-Berg, RN, BSN – Public Health Nurse
Erica Jenson, RN, BSN – Public Health Nurse
Ann Klesic, RN, BSN – Public Health Nurse
Jill Lampo, RN, BSN – Public Health Nurse
Tara Morris, RN, BSN – Public Health Nurse
Olga Myers, RN – Community Health Nurse
Jennifer Stenger, RN, BSN, CHES – Public Health Nurse
Amy Stricker, RN, BSN – Public Health Nurse
Casey Stubbs, RN, BSN – Public Health Nurse
Jennifer Weadge, RN, BSN – Public Health Nurse
Anne Weirich, RN, BSN – Public Health Nurse
Risa Weisensel, RN, BSN – Public Health Nurse
Amy Williams, RN, BSN – Public Health Nurse

ENVIRONMENTAL HEALTH SANITARIANS

Timothy Banwell, RS, MPH – Environmental Health Director
Janis Baumann, RS, BS – Registered Sanitarian
Adam Elmer, RS, BS, – Registered Sanitarian
Roger Eychaner, RS, BS – Registered Sanitarian
Jeff Moore, BS – Environmental Health Technician
Jackie Phillips RS, BS – Registered Sanitarian
Mark Seymour, RS, MS – Registered Sanitarian
Matthew Wesson, RS, BS – Registered Sanitarian
Rick Wietersen, RS, MS – Registered Sanitarian
Peter Zakarias, RS, BS – Certified Sanitarian I/Environmental Health Technician

MEDICAL ADVISOR

Dr. William Clanfield, MD

ROCK COUNTY HEALTH DEPARTMENT

Source & Application of Funds For the Budget Year Ended December 31, 2011

SOURCES OF FUNDS

PROGRAM REVENUES

Public Health Nursing	\$ 298,549
Environmental Health	499,829
Laboratory Fees	<u>20,568</u>
<i>Total</i>	\$ 818,946

GRANT/OTHER REVENUES

Consolidated Contract	\$ 245,591
Health Impact Assessment Grant	10,000
ARRA Grant	25,080
Federal/State Aid	38,711
HUD/Lead Grant	16,000
Dean/SSM Grant	<u>2,000</u>
<i>Total</i>	\$ 337,382

Subtotal \$ 1,156,328

COUNTY TAX LEVY \$ 2,290,986

TOTAL SOURCES **\$ 3,447,314**

APPLICATION OF FUNDS

SALARIES AND BENEFITS \$ 2,883,912

OTHER OPERATING EXPENSES \$ 563,402

TOTAL APPLICATIONS **\$ 3,447,314**

HEALTH EDUCATION

Health education is critically important to improving the health of communities and individuals. The goal of health education programming is to motivate a person or groups to act on learned information to change unhealthy behaviors to healthy, leading to an overall improvement in health.

Health education in Rock County ventured into new territory in 2011. Rock County Health Department increased its online presence through the creation of a Facebook page and an updated website. The department's website expanded to include a monthly "Health Topic of the Month," a short video designed to increase the public's knowledge of a specific facet of public health. Topics ranged from obesity and nutrition to homeowner tips and lead poisoning prevention. The health department's Facebook page increased its popularity by highlighting department programs and services, as well as recognizing employee anniversaries and achievements.

The health education division is focused on the prevention of childhood obesity. The Health Educator visits two day care centers and one public school twice per month to teach children about nutrition and physical activity. "Color Me Healthy" is a evidence-based curriculum aimed at teaching four and five year old children about the healthy behaviors they should adopt as they grow up. Children learn through imaginative and innovative lessons, which include singing, dancing, crafts and hands-on activities.

The health education division also conducted community presentations in 2011. The Health Educator gave presentations at an American Businesswomen Association (ABWA) meeting in August and to the Board of Directors of Partners in Prevention of Rock County, a youth substance abuse prevention coalition.

Objective 1:

By December 31, 2011, develop and implement a health education program for preschool-aged children.

The Health Educator implemented the "Color Me Healthy" program in two Milton day care centers and Powers Elementary School in Beloit. "Color Me Healthy" is a curriculum designed to teach nutrition and physical activity to four and five year old children. The class was taught in each location twice per month to a total of 210 children each time.

Objective met

Objective 2:

By December 31, 2011, develop and implement a bi-monthly health column for one local newspaper.

The Health Educator submits a monthly health column to all the local newspapers. Twelve health columns were published in Rock County newspapers in 2011. In April, 2011, the Janesville Gazette began to print the article on the third Sunday of each month, and continues to do so.

Additionally, the Health Educator submitted 55 press releases and was interviewed for articles on subjects including, but not limited to, heat and sun safety, back-to-school immunizations, and the *County Health Rankings*.

Objective met

Objective 3:

By December 31, 2011, identify 1 population health need and implement an evidence-based program that addresses solutions.

In order to create an easier, more streamlined process for the public to search for immunization clinics at a particular location, the Health Educator created an online immunization clinic calendar. The online calendar improves the efficiency for which an individual in the public can find a clinic near their location during a specified period in time.

Objective met

Objective 3:

By December 31, 2011, investigate and apply for mini-grants that would support current health department programming.

Grants that were obtained in 2011 include a \$3,000 grant from Wisconsin Department of Health Services (DHS) for an assessment of readiness for accreditation. A \$2,000 Stateline Community Foundation was obtained for purchase of vital records from DHS. A grant from Target Foundation in the amount of \$2,000 was received for the Books for Babies Program. A \$45,000 community development grant from UW-Madison Partnership Program was obtained to assess the rising STI rate in Rock County. A \$2,000 grant from Dean/St. Mary's Foundation was obtained for the Safe Sleep campaign. Kiwanis donated \$500 for the purchase of items for the Healthy Homes initiative.

Objective met

Objective 4:

By December 31, 2011, assist nursing and environmental health staff to develop educational awareness programs and presentations.

The Health Educator assisted staff in developing educational materials for a variety of programs, including the Immunization Outreach Committee quarterly newsletter, Food Program quarterly newsletter, and health fair display board and outreach material preparation.

Objective met

Objective 5:

By December 31, 2011, represent the health department on health-related community coalitions and committees.

The Health Educator continued to represent the health department on community coalitions and committees in 2011 including the community health needs assessment committee, Partners in Prevention of Rock County and Youth2Youth. The Health Educator served as a board member on both Partners in Prevention of Rock County and Youth2Youth.

Objective met

PUBLIC HEALTH NURSING DIVISION

Public health nursing uniquely serves the health of both populations as a whole and individuals. Encompassed in the summary of the nursing division's work is the complexity that exists in serving people as they seek to maintain and restore health. A community struggling with economic hard times makes this daily challenge even more difficult. In all that that it does, public health nursing meets the need of the largest patient, the community of Rock County.

In 2011, the Public Health Nursing Division continued working to meet the public health needs of citizens and groups across many service areas. In summary, the nursing division:

- o Reached out in partnership with Community Action to provide 325 immunizations to First Choice Women's Health Center participants
- o Through grants from Dean Health Systems and a private donor, delivered over 26 Pack and Play cribs into the community with follow-up visits to ensure a safer sleeping environment for babies
- o Provided health education and advice to Hispanic families through Beloit's Even Start program
- o Taught two "Steppin' On" classes to elders in the community to prevent injury from falls
- o Protected over 4,900 Rock County residents through vaccination
- o Provided 400 hours of school nursing services to four Head Start Centers and parent meetings
- o Provided 700 hours of school nursing services to the school districts of Evansville, Edgerton and St. Paul Lutheran and Orfordville-Parkview
- o Provided information and assistance to all parochial schools regarding new Department of Public Instruction requirements for medication administration
- o Partnered with an area business to encourage "breast-feeding friendly" work practices
Followed up on 1408 clients with either confirmed communicable illness or risk through contact
- o Made 2,956 home and office visits to families in the Healthy Families First program
- o Collaborated with Early Head Start and the Exchange Family Resource Center to provide nursing visits to families served by their home visiting programs

- o Co-chaired the Rock County Child Death Review Team to analyze the deaths of all individuals age 25 and younger in Rock County
- o Provided nursing consultation with 842 individuals on the phone
- o Participated in two coalition groups designed to reduce racial disparity in infant mortality

COMMUNICABLE DISEASE CONTROL

Communicable disease control is a state-mandated public health service. Public health nursing services in communicable disease control are focused on three major functions:

- Preventing the occurrence of all diseases which can be prevented by immunizations; activities include:
 - o Providing immunization clinics for childhood and adult vaccines
 - o Providing immunization services to travelers who are going to countries where vaccine preventable diseases may be occurring
 - o Monitoring immunization rates
 - o Offering consultation services to clients who are in need of immunization information
 - o Educating communities, schools, and providers about improving immunization rates

- Controlling the spread of the 84 state mandated reportable acute and communicable diseases by prompt investigation and community education; activities include:
 - o Contacting clients diagnosed with communicable diseases to provide education about diseases and preventing the spread to other individuals
 - o Educating contacts to clients with reportable diseases about signs and symptoms, testing, treatment and prevention strategies
 - o Consulting with day cares and preschools about communicable disease prevention strategies
 - o Updating and consulting with community partners about changes in communicable disease reporting and treatment guidelines

- Maintaining ongoing surveillance of diseases in the community to control or eliminate the source of disease; activities include:
 - Reviewing communicable disease data and information to determine what communicable diseases are occurring in the county
 - Following up with reports of illnesses and potential outbreaks
 - Maintaining ongoing communication with infection disease practitioners and the state Division of Public Health

While there are many strategies implemented by the Health Department to reduce and limit transmission of communicable diseases, ten specific objectives have been targeted for 2011. Those objectives and results are described on the following pages.

Vaccination continues to be the best prevention for many childhood diseases. It continues to be a high priority service of the Rock County Health Department nursing division. While the traditional population focus of immunization services has been infants and children, there is an increasing emphasis on the protection of all populations through maintaining vaccination into adulthood and throughout the lifespan.

Immunizations can be obtained at some location in Rock County almost every day the county offices are open. Regular clinics are offered at each of the Health Department offices 3-4 days per week. Clinics are also operated on a rotating basis in each community in Rock County. The table that follows lists the number of people served at Health Department clinics and the number of each vaccine given.

LOCATION OF 2011 CLINICS AND VACCINATIONS BY TYPE

Immunization Clinics	Client Count	Vaccine Type	Vaccine Count
Clinton Clinic	46	Dtap	119
Edgerton Clinic	39	Hepatitis A – Adult	210
Evansville Clinic	11	Hepatitis A – Peds	240
Thursday North Office Walk – In	450	Hepatitis B – Adult	181
First Choice Women’s Health Center	175	Hepatitis B – Peds	170
Health Department North Office	1783	Hib	104
Health Department South Office	1137	HPV	414
Tuesday Evening North Office Walk – In	118	Influenza - Injectable	2035
Milton Clinic	17	Influenza – Nasal Mist	625
Orfordville Clinic	20	Influenza – High Dose	50
South Office Evening Walk – In	113	Jananese Encephalitis	6
Flu & Pneumonia Clinics	956	Kinrix (Dtap and Polio)	156
Other	48	Meningitis	469
		MMR	371
		Pediarix (Dtap, Hep B, and Polio)	30
		Pentacel (Dtap, Hib, and Polio)	179
		Pneumonia	59
		Polio	156
		Prevnar	278
		Rabies	19
		Rotavirus	117
		Td	13
		TDaP	876
		Twinrix	218
		Typhoid	225
		Varicella	612
		Yellow Fever	91
		Zostavax	137
Total	4,913	Total	8,160

Objective 1: By December 31, 2011, Rock County will have an incidence of 0 for the following vaccine preventable diseases: measles, mumps, rubella, polio, tetanus, hepatitis B (person <26 years of age), pertussis (person <7 years of age), diphtheria (person <35), haemophilus influenzae B (person <5 years of age).

In 2011 there was one case of acute Hepatitis B in a 19 year old, seven confirmed cases of pertussis in children less than seven years old, and one case of invasive Haemophilus influenzae B in a one-week-old infant.

The state of Wisconsin continues to struggle to control the outbreak of pertussis (whooping cough) in children and adults. Statewide there were 1,357 pertussis investigations resulting in 1,044 confirmed or probable cases. In Rock County the nursing division investigated 45 reports of pertussis; seven of these were confirmed positive, eight were deemed probable and the remainder were ruled out as pertussis. Nationwide the majority of pertussis cases in infants and children can be traced to adults infected with the disease. The nursing division has spent a great deal of time coordinating with local healthcare providers to encourage updated vaccinations for pertussis in the adult population. Pertussis vaccination is accomplished through a booster dose of the tetanus, diphtheria and pertussis vaccine (Tdap). Through this collaboration some local hospitals are now facilitating pertussis vaccination of those individuals in close contact with newborn infants, the age group at greatest risk for severe illness and death. This vaccination strategy is known as “cocooning”.

Objective not met

Objective 2: By December 31, 2011, 80% of children who turn 19 months during the year will have received 4 DTaP, 3 polio, 3 Hib, 3 Hepatitis B, and 1 MMR vaccinations.

In 2011, 73% of Rock County infants who turned 19 months were up to date with recommended vaccinations. Although this is short of the stated goal, it is a great improvement over the rate of 55% reported in 2010. Immunization education and outreach efforts continue to be a priority in the nursing division.

Objective not met

In addition to a primary focus on prevention through vaccination, the Health also provides secondary prevention through the nursing division’s investigation of communicable disease. The state of Wisconsin mandates the reporting of certain communicable diseases to the Health Department for investigation and follow-up. The nursing staff coordinates with the primary physician and provides information to the client on medical follow-up and treatment, transmission of the illness and how to best to prevent the spread of illness to others. Not all reports of communicable disease result in a confirmed diagnosis. The table below shows a comparison of the type and number of reportable diseases the Health Department investigated in 2010 and 2011.

Communicable Diseases Reported and Confirmed

DISEASE	2010	2011
HIV Infections	5	15
Blastomycosis	1	1
Campylobacter	37	33
Cryptosporidium	38	40
E. Coli	6	5
Ehrlichiosis	0	*2 (1)
Food/Waterborne Outbreaks	4	9
Giardia	17	16
Haemophilus Influenzae	7	2
Hepatitis A	*14 (0)	*6 (0)
Hepatitis B (acute)	*23 (1)	*31 (4)
Hepatitis C	90	*85 (74)
Influenza, hospital assoc.	0	18
Influenza, pediatric death	0	1
Lead Poisoning	*40 (20)	*33 (23)
Legionnaire's Disease	2	3
Lyme Disease	*48 (41)	*63 (35)
Measles	0	*1 (0)
Mumps	*1 (0)	2 (0)
Pertussis	*9 (4)	*45 (7)
Q Fever	0	*4 (0)
Rocky Mountain Spotted Fever	0	*2 (0)
Salmonella	25	21
Shigella	3	1
Strep A or B, invasive	24	13
Strep Pneumoniae	0	18
Toxoplasmosis	0	*3 (1)
Tuberculosis (total)	42	48
Active	0	*14 (2)
Atypical	11	11
Latent Infection (LTBI)	31	35
Varicella (Chicken Pox)	15	*8 (5)
Sexually Transmitted Infections		
Chlamydia	695	777
Gonorrhea	73	83
Syphilis	0	4
Total	*1229 (1160)	*1160 (1068)

*Cases Reported () Cases Confirmed

Investigation of reportable communicable disease involves working with the client to advise of adequate treatment, ensure their return to health and stop the spread of illness to family and community contacts.

The upward trend in the occurrence of sexually transmitted infection (STI) in Rock County continued in 2011 with a 12% increase over 2010. The health department worked with agencies, coalitions and community groups to educate and inform on issues of transmission and prevention. In collaboration with the Wisconsin STD Program, a half-day session was held for healthcare providers and nurses with updates to testing and treatment guidelines. Late in 2011 the Health Department pursued a grant with the Medical College of Wisconsin to begin a comprehensive assessment of possible additional strategies that can be pursued in Rock County to prevent STIs.

Objective 3: By December 31, 2011, a public health nurse will contact 100% of all residents reported Category I infections within 1 day of case assignment.

Category I infections comprise those that can cause the most severe illness, indicate a high risk for foodborne or waterborne outbreaks, or are highly unusual in our area. This year the Category I illnesses the nursing division investigated included invasive *Haemophilus influenzae* B, tuberculosis, foodborne outbreaks and pertussis. All of these cases were given a high priority with nursing investigation and contact within 24 hours of case assignment.

Objective met

Objective 4: By December 31, 2011, 85% of persons followed for treatment of active tuberculosis or latent tuberculosis infection will receive follow-up and education by a public health nurse regarding treatment recommendations.

Of the 50 individuals that were followed for active, suspect or latent tuberculosis (excluding atypical mycobacterium), 48 (96%) were contacted and received education and follow-up by a public health nurse. Two individuals were not able to be located.

Objective met

Objective 5: By December 31, 2011, 90% of children less than 6 years of age, with a capillary blood lead level ≥ 10 mcg/dl, will show a decline in lead levels with subsequent blood tests.

In 2011, 20 children were followed for lead levels exceeding 10 mcg/dl. Of the 17 cases that could be tested for lead in subsequent follow-up, 14 (82%) showed a reduction in subsequent lead levels. Those that showed an increase in lead levels were provided additional case follow-up to assess ongoing environmental risk. Three of the 20 cases were lost to follow-up because of relocating out of the area.

Objective not met

Objective 6: By December 31, 2011, 30% of families with a potential for infant lead exposure (“birth certificate” lead program) will agree to and complete an educational home visit by a public health nurse or nursing student.

The “birth certificate” lead program seeks to identify infants at risk for lead paint in their environment and provide nursing intervention and education to prevent these risks before the infant begins crawling. Because the time after a baby’s birth is one of great family transition at times the family moves before the baby is six months of age. Three hundred and fourteen birth records indicated families living in housing with a potential for lead paint hazards. Of the 231 that still occupied the houses that were named on their birth certificate at the baby’s six month birthday, 71 individuals (30%) accepted a home visit for education.

Objective met

Objective 7: By December 31, 2011, public health nurses will give at least two community presentations geared toward the prevention of sexually transmitted infections (STI) in high-risk populations.

The nursing staff gave presentations on STIs to coalition groups at Beloit College, the African American Infant Mortality Coalition, Beloit Lifecourse Initiative for Healthy Families, the Beloit School District health fair, a homeless veterans group and Blackhawk Technical Institute.

Objective met

Objective 8: By December 31, 2011, at least 80% of persons visited for Partner Services (PS) follow-up will accept a rapid HIV test when the partner’s HIV status is unknown.

This year was a very active year for HIV referral and partner follow-up. Twenty-four individuals were referred as HIV positive cases through the Health Department’s multi-jurisdictional agreement with the state of Wisconsin Partner Services Program. Fifteen of these cases lived in Rock County; other positive cases were from Walworth and Green County. In addition, 11 sexual contacts to these individuals were referred for partner follow-up. Seven of these contacts lived outside our Rock County jurisdiction and were referred for follow-up in their jurisdiction. Four of the partners lived in Rock County. Of those visited partners that were unaware of their HIV status, 100% received HIV testing.

Additionally, the agency added an additional nurse that completed the training for rapid HIV testing. Twenty-five rapid tests were done in the north office and six tests were done in the south office. At the time of the testing all clients are provided information and education on HIV prevention.

Objective met

Objective 9: By December 31, 2011, all licensed tattoo and body piercing establishments will receive education by a public health nurse on prevention of bloodborne infections.

The teaming of environmental health and the nursing division in the tattoo and body piercing inspection offers a unique opportunity to add promotion of general hygiene and prevention of bloodborne illness to the process. In 2011 nurses accompanied environmental health on 15 inspection visits in 13 tattoo and body piercing establishments.

Objective met

Objective 10: By December 31, 2011, 80% of all animal bite victims in Rock County will receive follow-up education by a public health nurse.

Three hundred eighty-eight animal bite victims were referred for education and follow-up of their bite injury. Of these referrals, 236 responded to nursing contact and received education and follow-up (61%).

Objective not met

MATERNAL AND CHILD HEALTH SERVICES

The goals of the Rock County Healthy Families First program are to:

- Promote positive health behaviors
- Reduce the risks associated with reproductive health of mothers and families
- Promote the growth, development, and optimal functioning of infants, children, and youth
- Reduce racial disparity in birth outcome and to prevent injury and disability.

The Healthy Families First home visiting program is a voluntary service offered to women and families. Pregnancy and parenting is a time of great transition and not all women that are referred for services agree to ongoing visits. In 2011 52% of clients agreed to ongoing visits compared with 32% in 2010. The percentage of referred clients refusing nursing services dropped from 47% in 2010 to 26% in 2011, a very positive trend.

In 2011 the Healthy Families First program provided home or office visiting services to 507 unduplicated clients, an increase of 62% over 2010. An encouraging shift to visiting during pregnancy instead of after the baby's birth lead to increased opportunities for prevention of poor birth outcomes. This year 404 pregnant clients were seen for nursing services, allowing for early partnership with the family in achieving a healthy pregnancy and birth.

Referrals for services come from many sources. The total number of referrals received in 2011 was 906, a slight decrease from 2010. This decrease may be due to the increased number of high-risk pregnant women already enrolled in services through the Health Department prior to delivery and not requiring an additional referral after the baby's birth.

Eleven objectives were targeted for the year 2011 in the service area of maternal and child health. The objectives and narrative related to the accomplishment of the objectives are described below.

Objective 1: By December 31, 2011, the infant mortality rate for families served during pregnancy by the Rock County Health Department will be zero.

The Rock County Health Department served 404 pregnant women during this service year. There were no newborn deaths in this population.

Objective met

Objective 2: By December 31, 2011, at least 80% of prenatal clients who smoke will have been enrolled in the First Breath Program for smoking cessation.

Of the 216 pregnant women seen for more than 3 visits, 61 (28%) smoked. Fifty seven (92%) of these women either reduced or quit smoking during the pregnancy. Forty-two (69%) women agreed to enroll in the First Breath program.

Objective partially met

Objective 3: By December 31, 2011, 100% of clients that have accepted at least one home visit after their baby's birth will receive information on reducing infant death through safe sleep strategies.

Rock County continues to lose too many babies to unsafe sleep environments. It has been a primary goal since this fact emerged that every parent receives information on safe sleep at the very first nursing visit.

One hundred eighty-nine infants received home visiting services (an additional 33 referrals were for toddlers associated with Early Head Start). Of the infants visited, all received education and training on safe sleep at their first home visit (100%).

Objective met

Objective 4: By December 31, 2011, 80% of all referrals generated by Early Head Start will receive at least three home visits by a public health nurse.

In the second year of co-visiting in homes, the Rock County Health Department enjoys a close collaborating relationship with the Rock Walworth Head Start/Early Head Start Program. By teaming to serve families together the client is able to benefit from the expertise of two agencies concerned with the growth, development and health of its families. Of the 34 referrals received for these visits by the Rock-Walworth Early Head Start program, all but five received more than three home visits (85%).

Objective met

Objective 5: By December 31, 2011, 80% of children in the Head Start program who fail the vision and screening will receive public health nurse follow-up to facilitate medical evaluation.

Early detection of vision and hearing difficulties is a crucial service and can allow for early medical treatment. Failure catch these problems early can lead to speech and language difficulties and permanent vision loss. A total of 276 children were screened for vision at the four Head Start locations in Janesville and Beloit. Of these, 78 (28%) were referred for medical evaluation. Forty-four children (56%) actually obtained a medical evaluation. Hearing screening was also performed on these 276 children. Of those screened for hearing, 17 (6%) were referred for a medical evaluation. Of these, eight children (47%) actually followed through with a medical evaluation (47%).

Parents of all of those referred received extensive intervention by the nurse to encourage the needed follow-up. Parent contact was made by phone and letter on numerous occasions.

Objective met

Objective 6: By December 31, 2011, at least four “Color Me Healthy” presentations will be given at each Head Start location.

A total of 146 nurse visits were made to the Head Start buildings in Rock County. A primary focus of these visits is nutrition education with the “Color Me Healthy” curriculum. Each Head Start location received more than four presentations during the school year. Additionally, parent socializations offered an opportunity for the nurse to reinforce the learning that the children experienced and carry it through to adult and family nutrition at home.

Objective met

Objective 7: By December 31, 2011, 100% of all medically needy students in school districts served by the Rock County Health Department will have a plan of care in place to assure accurate and safe care is being provided.

Contracted nursing services are provided to St. Paul Lutheran, Parkview and Edgerton School Districts. School staff refers students for initial care planning and the nurse updates these plans at least yearly, or as often as needed. Through care planning, the school nurse works with staff on needed modifications to assure children with health needs have a safe and healthy environment in which to learn. Care plans are developed with the cooperation of school staff and parents, and the approval of the child’s primary physician. The care plan serves as a vehicle to inform staff of special needs and communicate any special procedures or emergency health plans. This year the school nurses involved in these districts developed 125 care plans. This is an increase from 103 plans in 2010, reflecting the growing need for health services as a part of educational planning in our schools.

Objective met

Objective 8: By December 31, 2011, the Child Death Review Team (CDRT) will review all deaths in children/adults through age 25 years.

The Child Death Review Team is co-chaired by the Rock County coroner and the Health Department. The Team reviews Rock County child deaths with an eye toward understanding the causes of these deaths and developing collaborative programming around prevention of such deaths in the future. Recognizing that young adult deaths often are the result of risks acquired in childhood, review of deaths is extended to all children and adults up to age 26. In 2011, 27 deaths were reviewed.

Objective met

Objective 9: By December 31, 2011, provide two outreach activities focused at decreasing racial and ethnic disparities in birth outcomes.

The Health Department continues to be an active participant on the Beloit Lifecourse Initiative for Healthy Families, a group with the core mission of reducing disparities in birth outcomes and infant mortality in Beloit. This multidisciplinary group meets monthly and reaches out to many in the community with information and education regarding their mission. A nurse also attends and participates in the African American Infant Mortality Coalition of Beloit. This group meets monthly as well with a goal of informing and educating the public regarding infant mortality. Both the environmental and nursing divisions were participants in a panel discussion open to the public that focused on maintaining a healthy and safe home environment.

Objective met

Objective 10: By December 31, 2011, 30 families will be visited to provide safety education through the Healthy Homes Program.

In 2011 19 families were provided healthy homes visits. Further follow-up and education will be pursued in order to raise awareness regarding this program.

Objective not met

Objective 11: By December 31, 2011, revenue received through Medical Assistance billing for maternal child health services will increase 10% over 2010 billing.

The Health Department's Healthy Families First program is unique in the community it serves because all at-risk women and families are served regardless of income level. Home visiting services provided are the same whether or not the family qualifies for prenatal care coordination or health check visits under the Wisconsin BadgerCare program. When the family is covered by Wisconsin Medical Assistance, nurses bill for appropriate services. In 2011 the billing for maternal child health services in this program increased by 21%.

Objective met

ADULT HEALTH

The goals of adult health services are to reduce and/or eliminate risks associated with chronic and communicable diseases, prevent premature disability and/or death, and promote positive health outcomes and optimal levels of functioning.

Objective 1: By December 31, 2011, public health nurses will participate in at least 4 adult health and wellness activities in a community-based setting.

Public health nurses made monthly visits to the Beloit Even Start program serving Hispanic women in Rock County. Nurses focused on providing information, resources and education regarding women's health topics. Nurses also participated in the Rock County wellness health fair providing immunization and education to the Rock County workforce and their families. Public health nurses presented an informational session to a day care center regarding encouraging breastfeeding in working mothers and worked with a local business to ensure a breastfeeding friendly work environment. Nurses also were involved in the Rock County Community Baby Shower, which focuses on health and wellness topics for families and babies under six months of age.

Objective met

Objective 2: By December 31, 2011, public health nurses, in collaboration with the Rock County Council On Aging, will co-teach at least 2 sets of Steppin' On classes for fall prevention in the elderly.

The frequency of falls in the elderly population is a serious public health threat. Each year one in three elderly persons fall. Falls are the primary cause of injury, broken bones and traumatic head injury in this population. Even if falls do not result in injury, a fall may cause fear leading to a lack of mobility and reduction of physical fitness and activity. This year the Health Department co-taught two sets of "Steppin' On" classes. One was held in Clinton and the other in Janesville. A Total of 27 individuals participated in these classes. The focus on falls extended to a special project by the Edgewood College nursing students to screen elders for fall risk using the "Get up and Go" test at the Beloit Senior Fair.

Objective met

Objective 3: By December 31, 2011, public health nurses will provide at least 4 population-based services or presentations aimed at meeting the health needs of special populations.

Special population services are targeted toward persons in the community at special risk for health concerns. It is a traditional role of public health nursing to look at the community as a whole and attempt to reach those that may not have resources or ability to participate in traditional ways of maintaining health and well-being.

The nurses made a presentation to a local senior living complex on the importance of remaining hydrated in the summertime. The division collaborated with a local homeless veterans facility to deliver a regular series of topics of concern to residents, including HIV prevention, diabetes management and medication compliance. Presentations were made to parents of preschoolers on ways to alleviate the stress of parenting. Outreach was provided to a local food pantry in Beloit regarding access to Health Department resources and immunizations. The Health Department provided representation to the Beloit Heightened Awareness Team, a multidisciplinary team that seeks to be prepared for emergencies in all circumstances.

Objective met

Objective 4: By December 31, 2011, the nursing division will participate in the planning and development of an Aging and Disability Resources Center (ADRC) in Rock County.

The Health Department continued its involvement in the steering committee directed to prepare for the implementation of a resource center for the elderly and disabled in Rock County. Shortly after the first of the year the state announced that Rock County would not be considered for implementation of an ADRC at the present time. The steering committee completed its work and the findings of the group were summarized in a report that will assist should the occasion arise when reactivation of this plan is a reality.

Objective met

FAMILY HEALTH CLINIC

The Family Health Clinic provides services that transverse the Communicable Disease Control Program, Healthy Families First Program, and Adult Health Program. These clinics provide a needed service and also make available a way to identify clients and families who may need extended services through other program areas. The goal of the Family Health Clinic is to provide Rock County citizens low-cost nursing clinic services that provide health assessment, health information and appropriate referrals.

Objective 1: By December 31, 2011, at least 50 individuals in need of screening and referral for low cost vision resources will be served.

The need for low cost vision services has grown in Rock County as unemployment rises and access to health insurance dwindles. The Health Department offers clinic services to screen individuals seeking care for vision problems and facilitates application to Lions Clubs in Janesville and Beloit. This year 84 individuals were assisted to apply for vision care and glasses through the services of the family health clinic.

Objective met

Objective 2: By December 31, 2011, public health nurses will provide education and information to 400 travel immunization clients via phone or clinic visit.

A unique service at the local health department level, the travel clinic continues to flourish as individuals readying for travel seek information, education and immunization to ensure a safe and healthy visit abroad. Phone calls are taken for general advice and clients are assisted to schedule a clinic visit with a nurse that administers immunizations that are advised for the area to which they are traveling. Nurses provided 392 traveling clients with immunization clinic services and assisted another 113 individuals that requested education over the phone.

Objective met

Objective 3: By December 31, 2011, public health nurses will assist at least 24 women to apply for medical assistance benefits via Express Enrollment.

Express Enrollment is a service to assist pregnant women that meet certain income guidelines to qualify quickly for medical insurance coverage for issues relating to their pregnancy. Removing the barrier of health insurance coverage allows these women to begin their prenatal care earlier in their pregnancy. All women seen for this service are also offered ongoing nursing visits through our Healthy Families First program and provided referrals to local health care providers, Nutrition and Health Associates, WIC and other services for which they may qualify. Forty-three women received express enrollment services in 2011.

Objective met

Objective 4: By December 31, 2011, public health nurses will provide 24 immunization clinics to adults being served through First choice Women's Health Center.

In 2010 a collaborative effort was launched to provide an on-site immunization clinic to men and women receiving health services at the First Choice Women's Health Center in Janesville. This clinic has been well received and in 2011 continued at a healthy pace. Through this satellite clinic 103 individuals received a total of 375 immunizations. Clinics were held twice a month on Wednesday afternoons and teamed a public health nurse and public health support specialist to provide assessment and immunization for human papilloma virus (HPV), tetanus, diphtheria and pertussis (TdaP) and viral hepatitis A and B.

Objective met

ENVIRONMENTAL HEALTH DIVISION

Each year brings new challenges and the Environmental Health Division staff responds to these challenges by providing services, regulatory action and information to the general public and property owners. Some of the highlights of the Environmental Services Division in 2011 are described below.

Beach Sampling – Sampling of licensed beaches expanded this year to include a additional lakes, streams and rivers. Not only are the three licensed beaches a recreational venue for the public, but also many of the other surface water sources are used for fishing, swimming and boating. It was our intent to better understand the public health risks associated with our community's surface water resources.

At the end of the sampling season, the results demonstrated that the Rock River was generally safe all season long. However, many of the smaller streams experienced periodic high levels of fecal coliform bacteria, often related to rainfall events. These locations were identified by placing warning signs on site and posting the information on our website.

Health Impact Assessment– A health impact assessment is a process to assess new developments in the community and make recommendations during the development's planning stage that will result in a development that is compatible with the community. The State of Wisconsin Department of Health Services awarded our department a grant to develop a health impact assessment of a large dairy planned for the eastern part of Rock County. This opportunity proved to be an excellent experience in learning the potential risks, understanding the policies and procedures to reduce these risks and how to communicate this information to the public.

Unwanted Medication Collection – The biggest change was the installation of seven drop-off boxes in the county where citizens had daily access for unwanted medication disposal. Installation and servicing of the drop-off boxes was accomplished through the cooperation of five community law enforcement agencies and donations from civic and private organizations. With help from a Department of Agriculture grant, four collection events were held. This year approximately 3,700 pounds of unwanted medications have been collected.

Food Safety Program – Two food safety training events were held for food facility operators, owners and workers. Topics included food code changes, proper food handling techniques, and mechanical dishwasher operation and maintenance. Onsite training opportunities are being offered to businesses for employee education of food safety in a specific facility setting. Several trainings have been conducted and our staff have experienced very positive results.

Progress towards placing food establishment inspection results on the Health Department web page moved forward. Meeting held with the food service industry and citizen task force was helpful in deciding the format that information would be presented to the public.

Public Education –The environmental health division sent out a variety of public service announcements (PSAs) on radon, rabies, food safety, blue green algae, well water testing, carbon monoxide, and childhood lead poisoning. The department website has listed in addition to the PSAs, beach water results, food recalls, Rx collection dates and air pollution alerts. Booths on environmental health programs were located at health fairs and the City of Janesville Open House. Presentations were given to the Rock County Towns Association, Janesville Rental Owners Association, and a forum at the Pontiac Center.

FOOD PROTECTION AND PUBLIC LODGING PROGRAM

Residents and visitors to our community use food service establishments and public lodging facilities. The threat of food borne illness is ever present and citizens expect that they can dine out and travel in relative safety. Recent statistics from the CDC state that one in six people suffer from food borne illness in any one year. The role of public health is to not only license and regulate but to provide owners, operators and workers with the latest information on food safety practices.

The goal of the Food Protection and Public Lodging Program is to protect the health and safety of the public that utilizes licensed food and public lodging establishments in Rock County.

Objective 1: By December 31, 2011, the program staff will conduct annual routine inspections at each licensed facility for compliance with state and local regulations.

Routine inspections were conducted at each of the eight hundred eighty four (884) licensed facilities in Rock County. The average score for restaurant and retail facilities was at 86.8, which is comparable to the scores of 2009 and 2010 at 86.6.

Objective met

Objective 2: By December 31, 2011, respond to citizen complaints within two days regarding code violations for restaurants, retail food and public lodging facilities.

Fifty two citizen complaints were received and all but three were responded to by our department within two days.

Objective not met

Objective 3: By December 31, 2011, before a new facility opens or an existing facility is sold to a new owner, a pre-inspection will be conducted to verify substantial compliance with state and local regulations prior to issuing a license.

A total of eighty eight (88) pre-inspections were conducted for new facilities.

Objective met

Objective 4: By December 31, 2011, conduct follow-up inspections that have critical violations within seven days.

Seventy one (71) recheck inspections were scheduled and responded to within seven days.

Objective met

Objective 5: By December 31, 2011, conduct annual inspections of vending machines and vending company commissaries in Rock County

Two (2) vending commissary and three hundred twenty (320) vending machine inspections were conducted in 2011.

Objective met

Objective 6: By December 31, 2011, respond to all foodborne illness complaints within 24 hours and investigate all foodborne illness outbreaks to determine the cause and to prevent future outbreaks.

The Rock County Health Department received eleven (11) food illness complaints and responded within 24 hours. One food borne illness investigation was conducted.

Objective met

Objective 7: By December 31, 2011, conduct an annual inspection and conduct a review of the hazard analysis critical control plans for each school, group home or private institution kitchen involved in the National Breakfast and Lunch Program.

Annual routine inspections and review of hazard analysis critical control point plans were completed for sixty two (62) facilities including sixty (60) schools and two (2) group homes involved with the National Breakfast and Lunch Program.

Objective met

Objective 8: By December 31, 2011, conduct at least one inspection of each senior citizen nutrition facility to ensure safe food handling practices.

Inspections were completed for all ten (10) senior meal sites.

Objective met

Objective 9: By December 31, 2011, continue outreach to licensed establishments through quarterly newsletters and quarterly meetings of the Food Safety Advisory Committee.

The food program quarterly newsletter was sent out each quarter in 2011. Quarterly meetings were not held with the Food Safety Advisory Committee, but three meetings were held with each of the following to advise the Department on how to post facility inspections on the Health Department website: the Food Safety Advisory Committee, Rock-Green County Tavern League, and a citizen advisory task group.

Objective partially met

Objective 10: By December 31, 2011, conduct twelve training visits to licensed food establishments.

Individual facility food safety training sessions were conducted at nineteen (19) facilities.

Objective met

Objective 11: By December 31, 2011, identify one educational need and conduct one training session for food establishment operators.

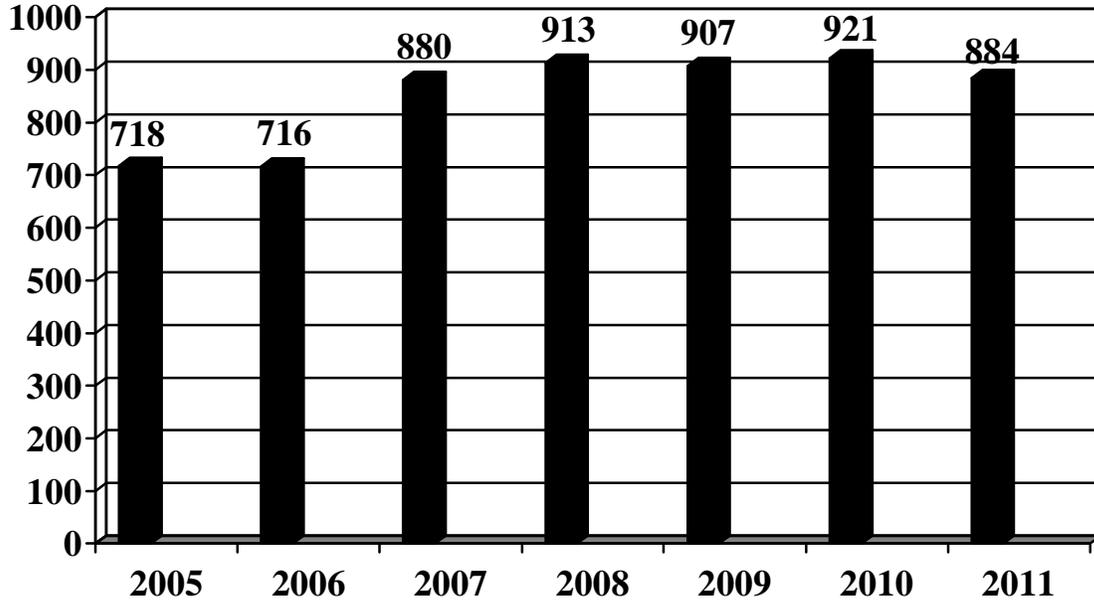
Review of a facility survey conducted in 2010 identified a need for food worker training. Formal food safety training events were presented in Beloit on March 1, 2011 and in Janesville February 24, 2011. Approximately 35 individuals attended these events.

Objective met

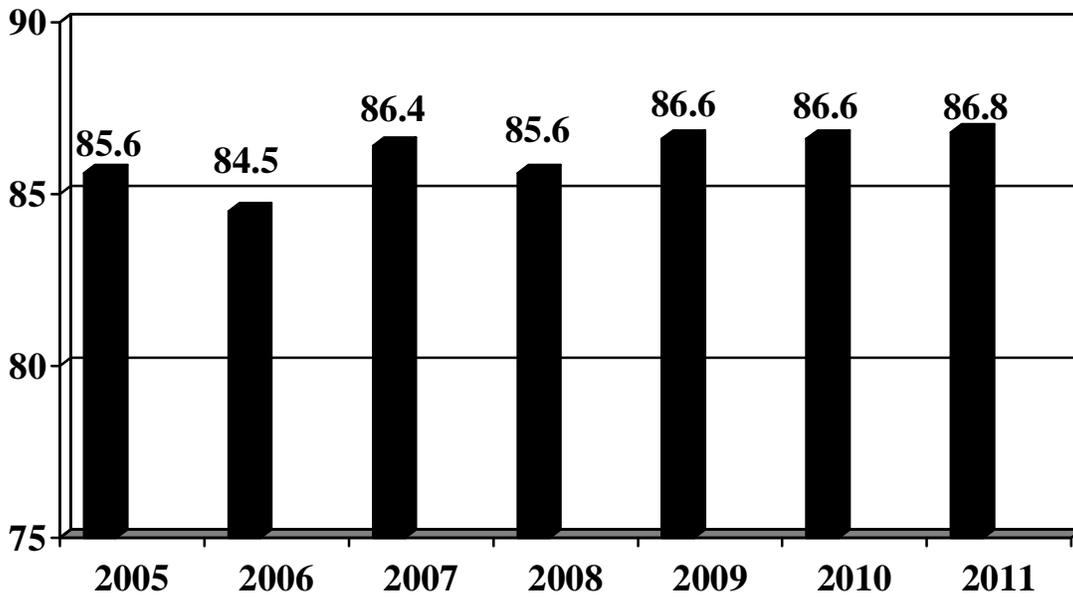
FOOD PROTECTION AND PUBLIC LODGING PROGRAM DATA

	2008	2009	2010	2011
Food Establishments, Retail, School and Public Lodging Permits	913	907	921	884
Restaurant Routine Inspections	515	505	491	490
Retail Food Routine Inspections	234	238	228	229
School Lunch Room Routine Inspections	41	41	43	44
Motel, Hotel, Bed & Breakfast & Tourist Rooming Houses Routine Inspections	32	32	30	34
Temporary Restaurant and Retail Food Establishment Inspections	79	82	107	70
Vending Machine & Milk Vending Machine Inspections	421	355	359	320
Restaurant, Retail and Lodging Establishments Pre-Inspections.	88	78	74	88
Restaurant, Retail, Lodging and School Establishment Critical Violation Follow-up Inspections	109	134	100	71
Restaurant & Retail Written Compliance Orders Issued	17	21	16	9
Food borne Illness Complaints	22	8	13	11
Restaurant, Retail, School Complaints: General	53	60	52	52

**ROCK COUNTY HEALTH DEPARTMENT
NUMBER OF FOOD & LODGING PERMITS**



**ROCK COUNTY HEALTH DEPARTMENT
RESTAURANT AND RETAIL FACILITY SCORE HISTORY
ROUTINE INSPECTIONS**



RECREATIONAL HEALTH & SAFETY

Many recreational opportunities exist in Rock County for residents and visitors: beaches, pools, recreational educational camps and campgrounds.

These are excellent ways for social interaction and physical activity needed for a healthy life. However, stepping out of a day-to-day routine places people at risk for injury and adverse health events, such as recreational water illnesses, drowning, and other accidents. Beaches, pools, recreational educational camps and campgrounds are licensed by the Rock County Health Department and meet specific standards that reduce the public health risk for accidents and exposure to communicable disease.

The goal of the Recreational Health and Safety Program is to reduce or eliminate the spread of communicable disease and the risk of injury to the public who participate in recreational activities at beaches, swimming pools, campgrounds, and recreational educational camps in Rock County.

Objective 1: By December 31, 2011 conduct an annual inspection for each licensed facility.

During 2011, nine (9) campgrounds, three (3) rec-ed campgrounds, sixty-six (66) swimming pools, and three (3) beaches received an annual inspection.

Objective met

Objective 2: By December 31, 2011, respond to citizen complaints within two days regarding violation of state and local codes.

During 2011, three (3) swimming pool complaints were responded to within two days. Typical swimming pool complaints concern cloudy water or eye irritation caused by inadequate chlorination or water filtration.

Objective met

Objective 3: By December 31, 2011, conduct follow-up inspections within two weeks at facilities that have critical violations.

During 2011, follow-up inspections were completed for twenty-seven (27) swimming pools, two (2) campgrounds, and one (1) rec-ed camp. Rechecks on swimming pools are most often due to inadequate chlorination.

Objective met

Objective 4: By December 31, 2011, conduct pre-inspections when new establishments open or current ones change ownership to ensure compliance with the state and local codes.

During 2011, a pre-inspection was completed for one (1) swimming pool.

Objective met

Objective 5: By December 31, 2011, develop a water safety awareness plan for licensed establishments.

In 2011 a water safety awareness plan was developed for all licensed swimming pool establishments. The plan was reviewed with the establishments during routine inspections. These announced inspections were used as training opportunities for pool owners and operators.

Objective met

COMMUNITY HEALTH & SAFETY

The Community Health and Safety programs are resources to be used by Rock County residents to reduce or eliminate hazardous conditions in their home and community. Many of the improvements in health that were achieved in the 20th century resulted from improvements in housing and areas surrounding our homes. Problems from our past have not entirely disappeared. Traditional insect and rodent pests are ever-present waiting for the right opportunity to set up residence in and around our homes. Timely and adequate disposal of refuse will always be a challenge in this society. Radon and mold hazards that enter homes from the outside, are identifiable and are preventable. Health Department staff have the expertise to assist citizens in reducing or eliminating these risks to their health.

The goal of the Community Health and Safety Program is to reduce or eliminate public health risks to citizens in their homes and in the community through the education of disease and injury prevention practices and administration of state and local regulations.

Radon Monitoring and Risk Reduction

Objective 1: By December 31, 2011, provide at least 75 radon test kits to county residents.

During 2011, 275 kits were provided to county residents.

Objective met

Objective 2: By December 31, 2011, develop and implement a community awareness effort in the Orfordville and Footville community.

During 2011, promotional radon posters were displayed at the Orfordville Library.

Objective met

Objective 3: By December 31, 2011, provide follow-up information to all citizens that receive results on radon test kits.

During 2011, all citizens who purchased radon test kits were provided with the US EPA Citizen's Guide to Radon and a list of local certified radon mitigation system installers. Consultation with staff trained in radon measurement and mitigation was offered to all citizens with elevated radon results.

Objective met

Mobile Home Park Inspections

Objective 1: By December 31, 2011, conduct an annual inspection of each licensed mobile home park.

During 2011, annual inspections were conducted for all twenty-four (24) licensed mobile home parks.

Objective met

Objective 2: By December 31, 2011, respond to all citizen complaints within two days regarding violations of state and local codes.

During 2011, thirteen (13) citizen complaints involving mobile home parks were responded to within two days.

Objective met

Objective 3: By December 31, 2011, conduct follow-up inspections within thirty days of mobile home parks that have violations.

During 2011, thirteen (13) follow-up inspections were conducted for mobile home parks that had critical violations. This number includes response to citizen complaints that resulted in violations.

Objective met

Objective 4: By December 31, 2011, conduct pre-inspections when new mobile home parks open or current parks change ownership to ensure compliance with the state and local codes.

During 2011, one (1) mobile home park changed ownership and required a pre-inspection.

Objective met

Rabies and Animal Bite Monitoring

Objective 1: By December 31, 2011, verify the compliance status of all animal owners issued animal bite orders by local law enforcement agencies.

During 2011, compliance status was verified for all four hundred twenty-two (422) animal bite orders. Animal owners found not in compliance with animal bite orders were referred to law enforcement. The department also monitored an additional fifty-three (53) animal bites for rabies where animal bite orders could not be issued to owners involving stray dogs or cats, or wild animals. A total of four hundred seventy five (475) animal bites were monitored in 2012.

Objective met

Objective 2: By December 31, 2011, refer all citizens not compliant with animal bite orders to law enforcement for further action.

During 2011, sixteen (16) non-compliant bite orders were referred to law enforcement for further action. The compliance rate in 2011 was 96%.

Objective met

Objective 3: By December 31, 2011, all specimens of domestic cats, dogs and ferrets that do not complete quarantine, and wild animals with suspected risk of rabies transmission, will be submitted to the State Laboratory of Hygiene for rabies analysis.

During 2011, one hundred eleven (111) specimens were submitted to the State Laboratory of Hygiene for rabies analysis. One specimen, a bat, was positive for rabies.

Objective met

Objective 4: By December 31, 2011, promote awareness of animal bite prevention in one school district.

On June 17, 2011, an animal bite prevention presentation was given to classes at Cargill Pre-school in the City of Janesville.

Objective met

RABIES CONTROL SUMMARY OF AMINAL BITE ORDERS FOR 2011

CITY	VACCINATED	UN-VACCINATED	UN-KNOWN	TOTAL ANIMAL BITES ORDERS	PERCENTAGE VACCINATED
Beloit Township	12	3	0	15	75
Brodhead	0	1	0	1	0
City of Beloit	39	9	30	78	50
Clinton	3	2	0	5	60
Edgerton	18	2	3	27	67
Evansville	9	3	3	15	60
Footville Orfordville Hanover	5	2	1	8	63
Janesville	125	53	47	225	56
Milton	25	2	2	29	86
Non Rock County	2	0	1	3	67
Whitewater	2	1	0	3	67
TOTALS	242	93	87	422	57

SUMMARY OF ANIMAL BITE MONITORING 2007-2011

	2007	2008	2009	2010	2011
Animal Bite Orders Issued	420	371	400	382	422
Cat Bites	(103) 25%	(97) 26%	(118) 30%	(108) 28%	(102) 24%
Dog Bites	(315) 75%	(274) 74%	(272) 70%	(274) 72%	(320) 76%
Ferret Bites	0	0	0	0	0
% Vaccinated	50%	57%	50%	52%	57%
Cats Vaccinated	(29) 28%	(22) 23%	(36) 31%	(33) 31%	(29) 24%
Dogs Vaccinated	(181) 57%	(188) 69%	(163) 58%	(167) 61%	(212) 66%
Ferrets Vaccinated	(0) 0%	(0) 0%	(0) 0%	(0) 0%	(0) 0%

ANIMALS TESTED FOR RABIES IN ROCK COUNTY FOR 2011

Breed	Animals Tested Negative for Rabies	Animals Tested Positive for Rabies	Unequivocal Insufficient Material to test	TOTAL
Bat	23	1	0	24
Canine	24	0	0	24
Feline	47	0	0	47
Hamster	1	0	0	1
Horse	1	0	0	1
Mouse	1	0	0	1
Muskrat	0	0	1	1
Opossum	2	0	0	2
Raccoon	3	0	0	3
Shrew	0	0	1	1
Squirrel	3	0	0	3
Woodchuck	3	0	0	3
TOTAL	108	1	2	111

Human Health Hazards

Objective 1: By December 31, 2011, investigate 100% of human health hazards reported to the Rock County Health Department within 3 days.

Direct field investigations of eighty (80) complaints occurred in 2011. During 2011, 100% of the requests regarding human health hazards were investigated and abated, referred to other appropriate agencies or determined not to be hazards.

In addition to field investigations, information is provided to citizens to remedy human health hazards that they are experiencing. During 2011, information was provided to 614 individuals for the purpose of: a) addressing public health concerns; b) resolving human health hazards; c) gaining compliance with the requirements of the Rock County Public Health Ordinance. All human health hazards were responded to within 3 days by phone, mail, e-mail or in person.

Objective met

Tattoo and Body Piercing Establishments

Objective 1: By December 31, 2011, conduct an annual inspection of each licensed tattoo and body-piercing establishment.

During 2011, nine (9) routine inspections were conducted for tattoo and body piercing establishments.

Objective met

Objective 2: By December 31, 2011, respond to all citizen complaints within two days regarding violations of state and local codes.

During 2011, six (6) tattoo and/or body piercing complaints were received and investigated within two days.

Objective met

Objective 3: By December 31, 2011, conduct follow-up inspections within two weeks at establishments that have critical violations.

During 2011, one (1) critical violation follow-up inspection was completed for tattoo and body piercing establishments.

Objective met

Objective 4: By December 31, 2011, conduct pre-inspections when new establishments open or current ones change ownership to ensure compliance with the state and local codes.

During 2011, four (4) pre-inspections were completed for new establishments or for change of ownership.

Objective met

COMMUNITY HEALTH AND SAFETY ACTIVITY DATA 2007-2011

	2007	2008	2009	2010	2011
Human Health Hazard Requests and Responses					
Unburied carcasses	6	0	2	21	6
Air Pollution/Indoor Air Quality	127	24	50	80	64
Solid Waste/Garbage/Manure	118	71	73	69	44
Vermin Harborage (rats, insects, etc.)	114	70	1353	179	130
Toxic/Hazardous Materials	49	40	32	12	14
Surface Water Pollution	0	0	0	2	0
Holes and Openings	0	0	1	0	0
Housing Deficiencies Including Mold	254	280	328	307	280
Lead – Total Field Visits	266	277	250	203	163
Lead Onsite Assessments	76	98	68	85	61
Radon Project Contacts	137	149	386	275	253
Animal Bites Monitored for Rabies Control	440	449	449	418	475
Citations Issued	5	1	1	0	1
Program Totals					
Program Field Service Calls	607	532	643	939	880
Complaint Investigations	107	95	59	110	93
Clients Seen In Office	112	37	120	69	64
Telephone Calls	2,528	2,123	2,601	2,873	3,050

The General Sanitation activity chart includes field visits, phone calls received, clients seen in the office, and information sent by mail or email. Animal bites monitored for rabies control include wild animals submitted to the State Lab for testing without an associated animal bite order.

Lead Abatement and Monitoring

Objective 1: By December 31, 2011, provide a lead safe environment for 100% of children with a blood lead level ≥ 20 $\mu\text{g/dL}$ through education and lead abatement orders.

During 2011, six (6) children were identified with blood lead levels ≥ 20 ug/dL in Rock County. Six (6) properties where the children resided or spent significant time were investigated, ordered to undergo lead hazard reduction work and were made lead safe. Two (2) of these properties was made lead safe by undergoing lead abatement activities. Four (4) of these properties are still undergoing long-term hazard reduction activities, but were made lead safe through initial interim controls.

Objective met

Objective 2: By December 31, 2011, perform an environmental lead assessment and provide lead hazard reduction recommendations on 80% of residences occupied by children with a blood lead level of 10-19 $\mu\text{g}/\text{dL}$.

During 2011, nine (9) children were identified with blood lead levels of 10-19 ug/dL. These children either resided at or spent significant time at nine (9) properties. Nine (9) or 100% of these properties were assessed for lead hazards and recommendations were sent to the families and property owners.

Objective met

Objective 3: By December 31, 2011, perform an environmental lead assessment and provide lead hazard reduction recommendations for all homes of concerned parents of children with a blood lead level of 0-9 $\mu\text{g}/\text{dL}$.

During 2011, forty-six (46) concerned parents with children at high-risk for lead poisoning requested a lead assessment of their homes. All forty-six (46) or 100% were assessed for lead hazards and recommendations were sent to the property owners.

Objective met

Objective 4: By December 31, 2011, 70% of owners of units that house a child with a blood lead level of 10-19 $\mu\text{g}/\text{dL}$ will show compliance with lead hazard reduction recommendations.

During 2011, 78% (7 of 9) of the owners of units associated with a child having a blood lead level of 10-19 ug/dL showed significant compliance with the lead hazard reduction recommendations they were sent after the property was assessed. One (1) rental property owner did not complete any of the hazard reduction recommendations. One (1) property could not be reassessed due the inability to contact the tenants or owners.

Objective met

Objective 5: By December 31, 2011, 60% of owners with units that house a child with a blood lead level of 0-9 $\mu\text{g}/\text{dL}$ will show compliance with lead hazard reduction recommendations.

During 2011, 74% (34 of 46) of the owners of units associated with a child with a blood lead level of 0-9 ug/dL resided showed significant compliance with the department’s lead hazard reduction recommendations. Four (4) of the property owners did not comply with the recommendations and eight (8) of the properties were unable to be reassessed due to the inability to contact the tenants or owners.

Objective met

Objective 6: By December 31, 2011, promote childhood lead poisoning prevention by posting information on the Rock County website, issuing news releases, responding to citizens inquiring about lead poisoning hazards, and presenting two educational programs.

During 2011, lead poisoning prevention information was added and updated on the Rock County website, a news release was published during the Childhood Lead Poisoning Prevention week in October, all citizen inquiries were addressed, an educational presentation was given to citizens at the Merrill Center in Beloit and to the Janesville Rental Property Association.

Objective met

**ENVIRONMENTAL LEAD ASSESSMENT SUMMARY
NUMBER OF LEAD ASSESSMENTS 2007 - 2011**

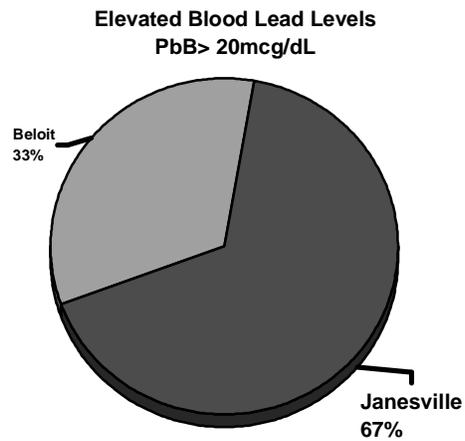
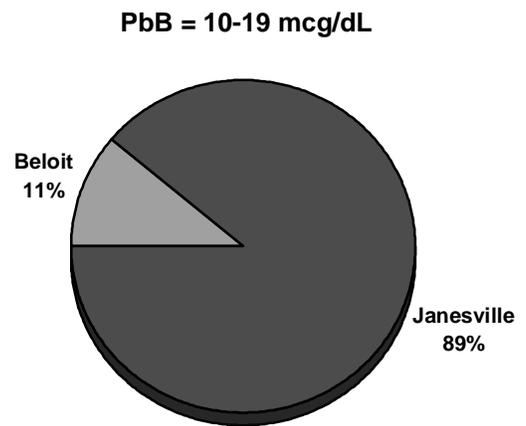
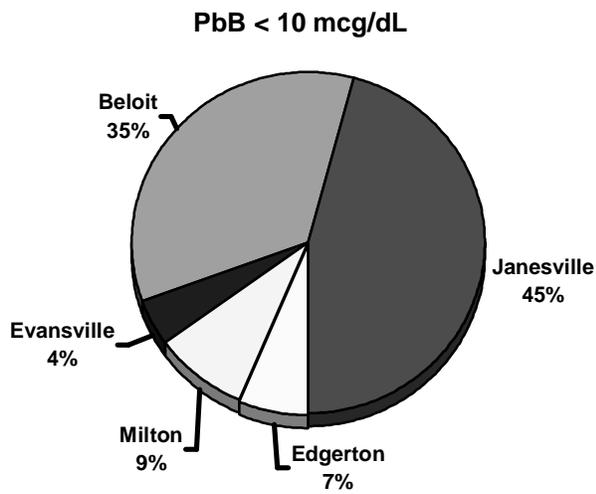
PbB*	2007	2008	2009	2010	2011
≥20 (EBL)**	9	15	5	3	6
10 - 19***	21	19	15	17	9
<10	47	64	48	65	46
Total	77	98	68	85	61

*PbB = Blood lead level measured in micrograms of lead per deciliter of blood

** Elevated blood lead level – environmental assessment mandated

***Lead Poisoning – defined as PbB ≥ 10

**PERCENT OF LEAD ASSESSMENTS CONDUCTED BY COMMUNITY
CHILDHOOD BLOOD LEAD LEVELS (PbB) IN MICROGRAMS PER
DECILITER OF BLOOD (MCG/DL)**



GROUND WATER PROGRAM

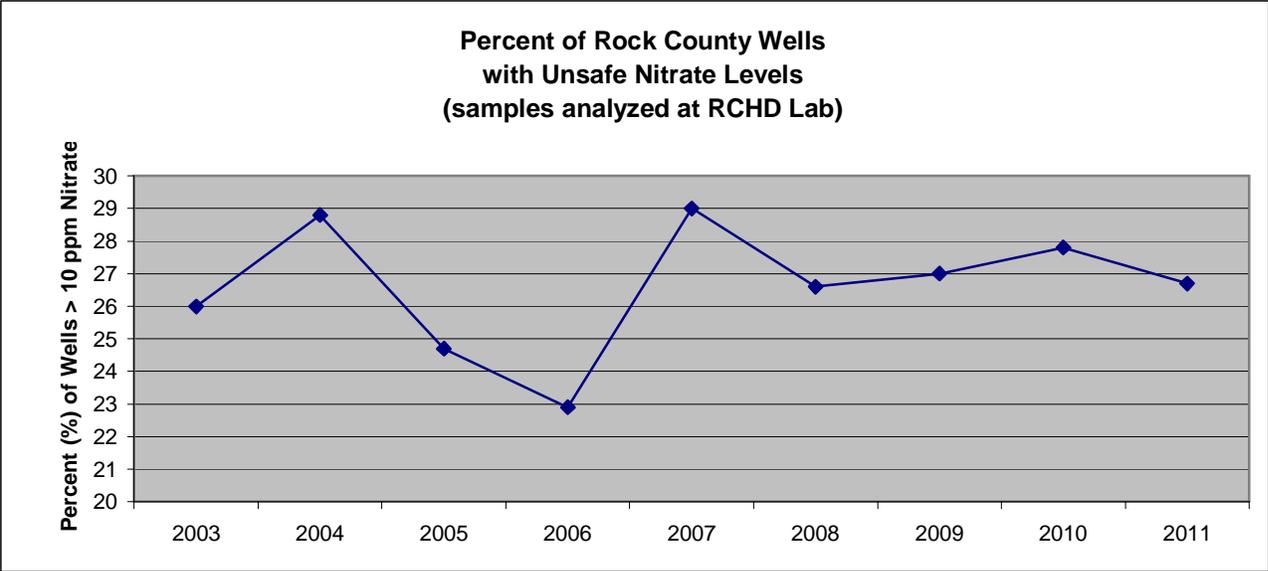
Every person and business in Rock County depends on a daily source of clean drinking water. In this part of Wisconsin, groundwater is our sole water supply source. In addition to the municipal water supply systems in our community, there are approximately 13,000 private water wells providing water to homes and businesses throughout the county. The groundwater protection program assists citizens and property owners with their drinking water concerns regarding bacteria and chemicals. The goal of the groundwater protection program is protect the quality of ground water in Rock County for drinking water use.

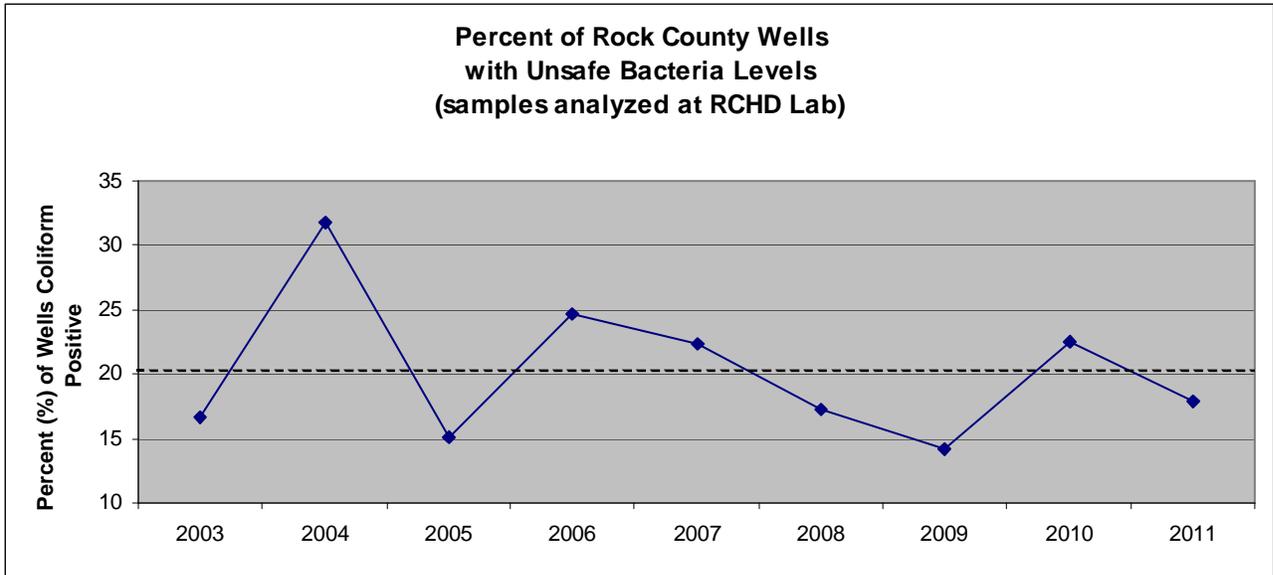
Objective 1: By December 31, 2011, review two hundred (200) private well sample results for nitrate, other chemical contamination or bacteria levels.

The Rock County Health Department Laboratory completed nine hundred twenty five (925) well water tests: four hundred eighty three (483) nitrate and four hundred forty two (442) coliform bacteria. Twenty seven percent (27%) of wells tested for nitrates in 2011 exceeded the ten (10) parts per million health advisory level.

Eighteen percent (18%) of samples brought to the Rock County Health Department Laboratory tested positive for coliform bacteria in 2011. There were nine (9) positive E.Coli samples from tests conducted at the RCHD lab in 2011. The percentage of wells testing unsafe for coliform bacteria in 2011 was lower than the 10-year average.

Objective met





Objective 2: By December 31, 2011, manage the Wisconsin Department of Natural Resources Safe Drinking Water contract by sampling and following up on all Transient Non-community wells.

This contract involved sampling one hundred and forty five (145) transient non-community wells in Rock County for bacteria, nitrate and nitrites. Transient non-community wells provide drinking water availability for the public at various types of facilities (campgrounds, parks, restaurants, taverns etc.). Bacteria “unsafe” water samples occurred at nine (9) wells. Seven of the nine facilities experiencing bacteria “unsafe” samples were either seasonal facilities or intermittent use facilities. Fecal Coliform was not found to be “present” in any of these wells. Because multiple sampling is required after unsafe bacteria tests, the unsafe wells resulted in two hundred and ninety seven (297) additional bacteria samples taken by program staff. Time and effort required of staff has been reduced as problem wells are identified and upgraded.

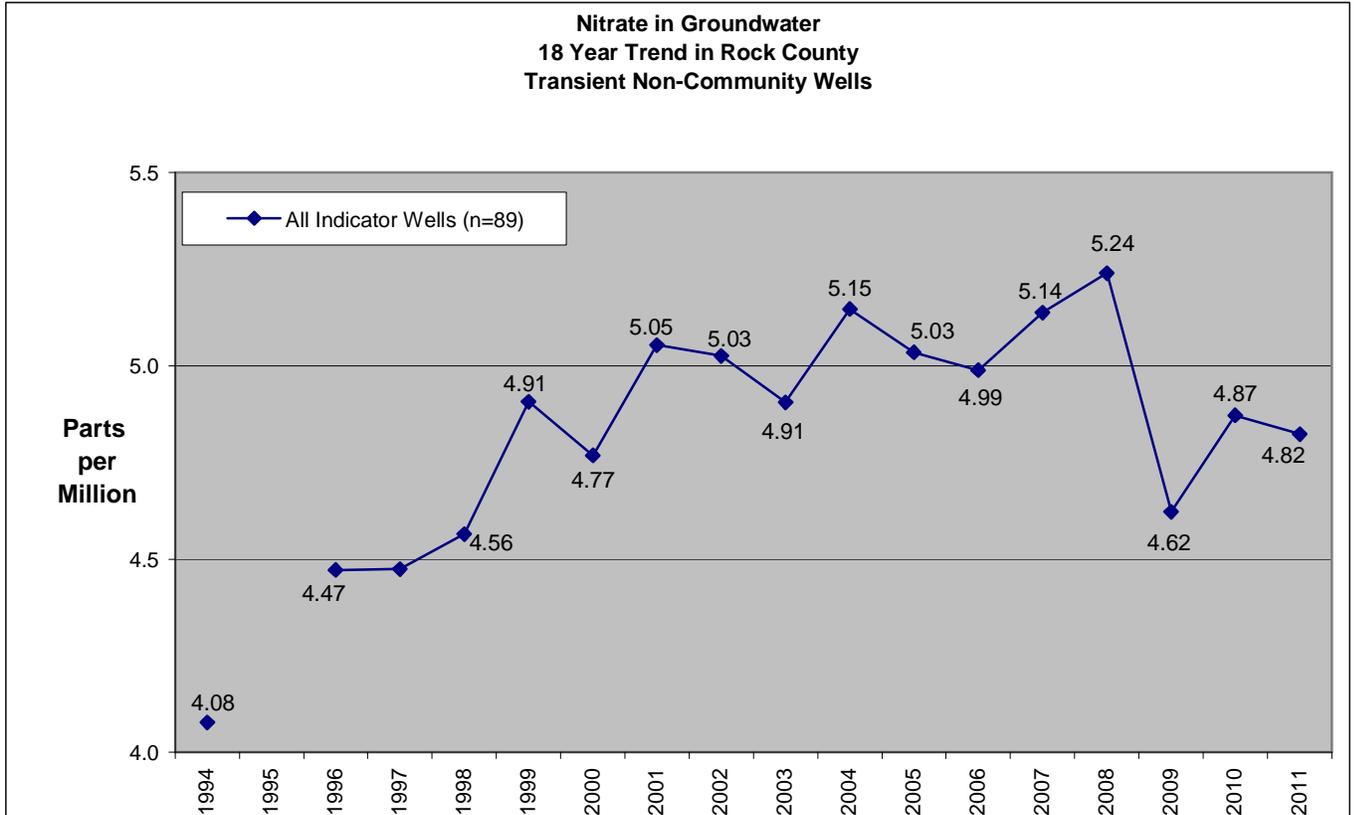
The Health Department is responsible for seeing that the one hundred and forty five (145) transient non-community water supplies in Rock County were sampled in compliance with the requirements of the Safe Drinking Water Act. Four hundred and forty-two (442) bacteria, one hundred and fifty-six (156) nitrate and one (1)-nitrite results were obtained from these wells. Twenty-nine (29) well system surveys were also conducted.

Nitrates were above the drinking water standard of ten (10) parts per million at sixteen percent (16%) of facilities. All facilities with nitrates above the standard must post the water supply as a warning to all drinking water users. When a water supply exceeds twenty (20) parts per million, the facility must provide an alternative water supply by drilling a new well.

The average concentration of nitrates from eighty-nine (89) transient non-community “indicator wells” that have been sampled continuously for the past eighteen (18) years provides an indication of nitrate trends in the groundwater of Rock County. This trend had indicated an

increase in nitrates over the past 18 years; however, the rate of increase has become more stable. After a significant decrease in nitrate levels in 2009, which are likely attributed to high groundwater recharge levels, the nitrate levels have stabilized in 2010 and 2011 (See graph below).

Objective met



Average annual nitrate concentrations from eighty-nine transient non-community wells continuously sampled for the last eighteen years (see Objective 2 above).

Objective 3: By December 31, 2011, investigate 100% of citizen complaints and requests concerning ground water quality within two days.

During 2011, the groundwater program had four hundred nineteen (419) field visits, six hundred six (606) telephone consultations, and one hundred forty nine (149) office visits regarding private well and/or ground water concerns. All citizens were given consultation from our office, by on-site visits, phone, e-mail or mail and, when needed, referrals are made for services to other agencies.

Objective met

Objective 4: By December 31, 2011 increase private well sampling in Rock County by ten percent (10%) by promoting drinking water safety through posting information on the Rock County website, issuing news releases, and responding to citizen inquiries.

Private well sampling reached a level of nine hundred twenty-five (925) samples analyzed at the Rock County Health Department Laboratory. This volume of well testing was sixteen percent (16%) higher than the previous 5-year average and second in volume to the one thousand two hundred one (1201) samples analyzed in 2010. The 2010 levels included approximately 450 flood grant samples.

Multiple approaches were initiated in 2011 to promote awareness of drinking water safety. Seven (7) Prescription Drug Collection Events were conducted during 2011 and the Health Department assisted in establishing permanent drug collection drop-boxes. The 2011 Rock County Environmental Health Report Card, which tracks key environmental health indicators in our community, was completed. The report is posted on our web-site and made available to the community. Updates were completed to the Rock County Health Department web-site to include additional groundwater educational information. Three groundwater awareness news releases were issued in 2011. A Geographic Information System (GIS) database was maintained and improved to include over eighteen (18) years of groundwater historical data that can be used to track trends in groundwater quality. Water testing posters and test kits were distributed at dozens of public locations throughout the county.

Objective met

Objective 5: Present five (5) Ground Water Educational Programs to Rock County citizens.

Groundwater presentations were provided to the Town of Union and the Janesville Kiwanis Club. Health department staff participated in a groundwater flood meeting for the Clear Lake Association and a neighborhood community meeting for the Nature's Ridge groundwater contamination issue near Beloit. Groundwater educational displays were staffed at the Evansville Energy Fair and the UW-Rock County Earth Day. The Rock County Health Department participated with the Rock River Coalition groundwater issue team. The 2011 Rock County Environmental Health Report Card was completed and made publicly available. The Report Card tracks key environmental health indicators in our community.

Objective met

Objective 6: By December 31, 2011, in coordination with Rock County Land Conservation Department, administer the county well abandonment program

The Rock County Health Department is delegated by the State Department of Natural Resources to conduct a well abandonment program. This delegation is included in the Rock County Public Health Ordinance. The Land Conservation Department implements the well abandonment program in coordination with the Health Department. In 2011, the Health Department initiated

enforcement action on three County well owners that failed to comply with voluntary abandonment assistance.

Objective met

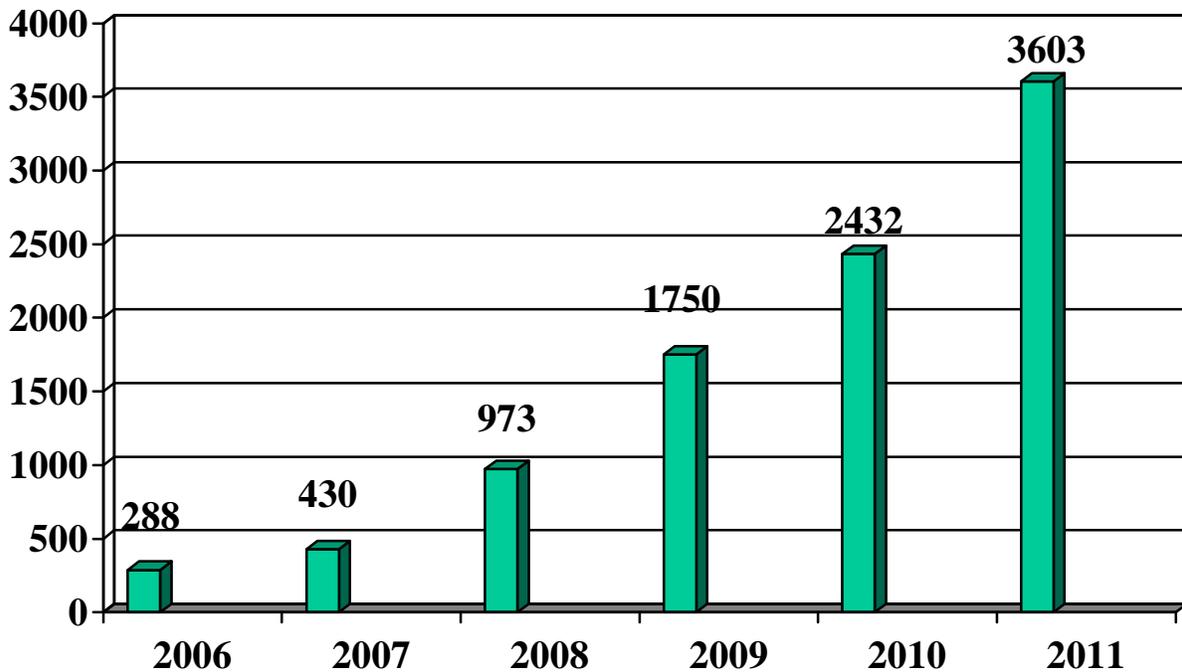
Objective 7: By December 31, 2011, coordinate the Prescription Drug Community Collection Program with the Cities of Beloit and Janesville.

The Rx Round-Up Planning Committee organized seven pharmaceutical collection events in 2011. This committee consists of representatives from the Rock County Health Department, Rock County Coroner’s Office and local law enforcement, City of Milton, City of Edgerton, City of Beloit and City of Janesville.

Six (6) additional permanent drop boxes were installed during 2011. By mid 2011, there were drug drop boxes in Milton, Edgerton, Evansville, Beloit and two drop boxes in Janesville.

A total of three thousand six hundred three (3,603) pounds of unwanted pharmaceuticals were collected at the seven (7) events and from the collection drop boxes. The amount of drugs collected in 2011 was nearly a fifty percent (50%) increase over amounts collected in 2010. The drop boxes accounted for a majority of the collected drugs, while in 2011, the amount of drugs collected at one-day events decreased for the first time.

Objective met



The above graph shows the pounds of unwanted drugs collected annually through the Prescription Drug Community Collection Program.

ACTIVITY DATA GROUND WATER PROTECTION PROGRAM 2007 – 2011

	2007	2008	2009	2010	2011
<i>Requests on Groundwater Concerns</i>	1,425	1,226	1,255	1,274	1,174
Telephone Consultations	786	725	759	639	606
Public Education	7	12	10	8	8
Program Field Service Calls	443	408	360	494	419
Clients seen in Office	189	81	126	133	149
Water Sample Results Reviewed	1,919	2,451	1,921	2,230	1,620
Bacteria	993	1,547	1,118	1,495	1,029
Nitrate	827	713	727	564	502
Chemical and Other	99	191	76	171	89
Local Emergency Management Plans	26	27	26	29	26

LABORATORY SERVICES

The laboratory provides a local service for Rock County citizens to test the drinking water quality of their private water wells. Public health recommendations are for private well owners to test their water once a year. The goal of the laboratory services is to provide basic drinking water analysis for citizens in Rock County

Objective 1: By December 31, 2011, provide laboratory testing for 750 wells in Rock County.

Rock County residents and visitors obtain drinking water from approximately thirteen thousand (13,000) private wells servicing homes, eating establishments, campgrounds, churches and other facilities. The laboratory maintains State certification for coliform bacteria and nitrate analysis. Coliform bacteria and nitrate analysis is provided to citizens and businesses in a cost effective and convenient manner.

For 2011, a total of nine hundred twenty five (925) drinking water tests were completed by the Rock County Health Department Lab; four hundred eighty three (483) nitrate tests and four hundred forty two (442) coliform bacteria analysis. Approximately twenty seven percent (27%) of the nitrate test results were above the drinking water standard of 10 parts per million.

Approximately eighteen percent (18%) of the coliform tests were positive and two percent (2%) of bacteria tests were positive for E. Coli bacteria.

The volume of samples analyzed in the lab during 2011 continued a strong trend of increased service to the community. This increase reflects our efforts to increase public awareness of our lab and the need for water quality testing of private wells.

In 2011, the lab also implemented a system of directly e-mailing results to citizens, reducing mailing costs and the time required to obtain results and respond to water quality issues.

Objective met

EMERGENCY PLANNING

The Health Department has the administrative responsibility to complete the offsite plans for farms and fixed facilities under SARA Title III legislation. The Health Department works with Rock County Emergency Management to complete the plans for the county.

Objective 1: By December 31, 2011, complete offsite plans as determined by the LEPC committee for farms using extremely hazardous chemicals.

Eight (8) farm plans were completed for the Local Emergency Planning Committee. Each new and updated plan contains local information to identify specific hazard risks for each farm, identifies a chemical vulnerability zone, and identifies sensitive populations in case an evacuation was required.

Objective met

Objective 2: By December 31, 2011, complete new and updated plans as determined by the LEPC committee for fixed facilities using extremely hazardous chemicals.

Eighteen (18) offsite facility plans were completed for the Local Emergency Planning Committee. Each new and updated plan contains facility site plans and local information to identify specific hazard risks for facility, identifies a chemical vulnerability zone, and identifies sensitive populations in case an evacuation was required.

Objective met

PRIVATE SEWAGE DISPOSAL PROGRAM

Proper treatment of wastewater has been instrumental in the reduction of communicable disease over the last century. For those living in a city or village, sewage is collected in a distribution of underground piping and treated in a central location to remove pathogens and chemicals before being discharged to a river or stream. Homes and businesses outside the municipal boundaries depend on their own means for treating wastewater called private onsite wastewater treatment systems, or POWTS. The Private Sewage Program regulates and controls the installation of these POWTS and the soil testing necessary for designing and installing a POWTS for the purpose of protecting the public health and environment. The goal of the Private Sewage Disposal Program is to protect the public health and the environment of Rock County by ensuring that all POWTS are properly installed, repaired and maintained.

Objective 1: By December 31, 2011, complete the review of all submitted soil and site evaluation reports.

The work of fifteen (15) Certified Soil Testers is reviewed and assistance provided in completion of soil reports and field evaluations of soils. In 2011, one-hundred-fourteen (114) soil test reports were reviewed, where needed, corrections made, approved and filed. Sixty-one (61) soil onsite were conducted to provide proper documentation that soil test reports are accurately completed.

Objective met

Objective 2: By December 31, 2011, ensure that properly designed and installed POWTS are provided for all properties not served by public sewer.

The work of thirty-two (32) plumbers is reviewed and assistance provided in completion of accurate plans and installation of code conforming POWTS. In 2011, one-hundred-twenty-four (124) state sanitary permits were issued to install or repair POWTS; thirty-four (34) sanitary permits for new construction and ninety (90) sanitary permits for replacement or repair work. In addition, five (5) sanitary permits were issued to connect new or additional buildings to an existing POWTS or to install non-plumbing systems.

One-hundred-twenty-seven (127) POWTS were actually installed in 2011: thirty-one (31) were new POWTS and ninety-six (96) were replacement POWTS or POWTS connections. These installations required one-hundred-sixty-five (165) construction inspections: one-hundred-twenty-seven initial and thirty-eight (38) reinspections.

Objective met

Objective 3: By December 31, 2011, administer the Wisconsin Fund Program and process all applications to assist citizens in obtaining State grants for repair and/or replacement of a POWTS.

In January 2011, the Wisconsin Fund grant applications for 2 property owners were submitted to the State. Individual awards of \$1,586 and \$2,074 were granted for a total of \$3,660. No applicants were denied grants, but amounts were reduced as a result of State budget cuts.

During 2011, more than one hundred property owners were sent information on the Wisconsin Fund Program and many of these are waiting application or action on submitted applications. Six applications received in 2011 were submitted in January of 2012 and are awaiting action.

Objective met

Objective 4: By December 31, 2011, administer the POWTS maintenance program for private onsite wastewater treatment systems.

Each year, as new or replaced POWTS are installed, property owners are informed of the septic maintenance program requirements. In 2011, approximately 124 notices of required maintenance were given or mailed to property owners at the time of sanitary permit issuance and 217 letters informing property owners of the mandatory maintenance program were mailed after POWTS installation.

Property owners are notified every three years to maintain their POWTS. Four thousand six hundred forty four (4,644) initial notices were sent to property owners in 2011 for POWTS maintenance. During the year only 23 citations were issued for failure to comply, which is a 99.5% compliance rate.

In addition to POWTS maintenance, seventy-three (73) owners of holding tanks and twelve (12) pumpers of holding tanks were monitored in regard to proper reporting of servicing holding tanks.

Objective met

Objective 5: By December 31, 2011 review all building permits for properties submitted to our department by evaluating the compatibility of proposed construction with the existing POWTS.

During 2011, Sanitary permits for 31 new structures were issued as the first step in the building permit review process. With few exceptions, local building inspectors did not issue building permits for new structures before the Sanitary Permit was approved.

During 2011, numerous calls regarding proposed building plans and how they related to existing POWTS were received; all inquiries were informed of code requirements. Two formal written evaluations and recommendations were made to local municipalities. Many additions and

remodeling projects either didn't require a building permit review or the local municipalities without Health Department review issued building permits.

Objective met

Objective 6: By December 31, 2011 evaluate all soil and site evaluation reports for land divisions not served by public sewer and make recommendations to Rock County Planning and Zoning Committee.

As a reviewing agency for the Rock County Planning and Development Committee, the Rock County health department assesses proposed property development for the suitability of onsite wastewater treatment. During 2011, sixty-one (61) land divisions consisting of seventy-one (71) lots were reviewed. In addition, 5 soil onsite visits were conducted and 5 soil test reports were filed involving new land divisions.

Objective met

Objective 7: By December 31, 2011 develop plan to inform citizens of public health issues relating to POWTS.

During 2011, information for private onsite wastewater treatment systems was developed and provided to the public on the department website.

Objective met

Objective 8: By December 31, 2011 develop and implement an environmental health information packet for occupants of residential property.

During 2011, the development of an environmental health information packet for occupants of residential property was initiated, but was not developed due to staff reductions in the POWTS program.

Objective not met

ACTIVITY DATA PRIVATE SEWAGE DISPOSAL PROGRAM 2007 - 2011

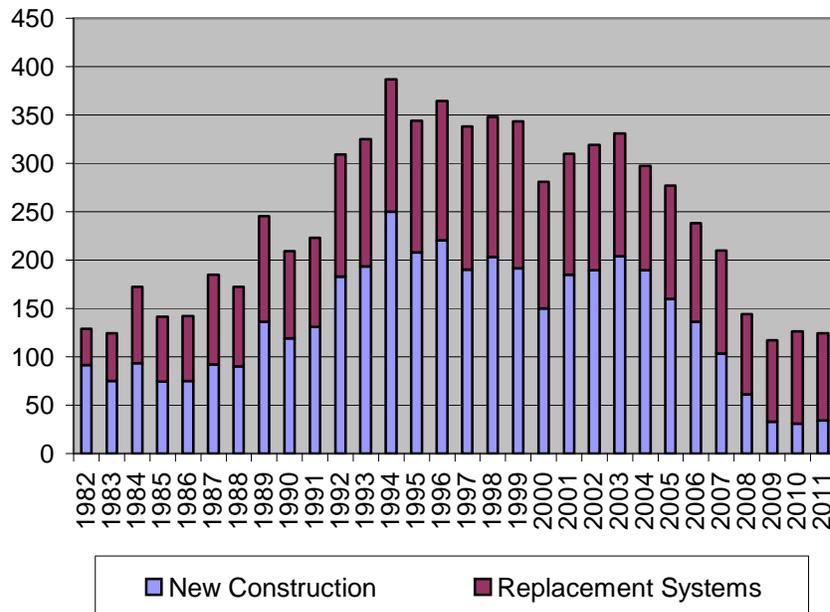
OFFICE WORK

Activity	2007	2008	2009	2010	2011
Office Visits	160	168	151	160	141
Telephone Calls	1,610	1,450	1,298	1,369	1,396
Sanitary Permits Issued	210	144	117	126	124
New	103	61	33	31	34
Replace or Repair	107	83	84	95	90
County Sanitary Permits	7	6	2	3	5
Land Divisions Review	80	64	66	67	61
Lot Review Under Land Division Ordinance	185	113	135	80	77

FIELD WORK

Activity	2007	2008	2009	2010	2011
Initial System Inspection	228	151	118	130	127
Conventional Gravity	128	90	63	82	86
Mound	74	46	43	40	34
Inground Pressure	3	3	0	0	0
At Grade	5	3	2	1	0
Holding Tanks	1	1	1	3	3
Treatment Tank Only (including aerobit tanks)	10	2	8	1	1
Other	7	6	1	3	3
System Re-Inspections	74	82	70	58	38
Soil Test Onsite Verification	171	76	61	69	61
Consultations and Surveys	287	324	276	270	186
Failing System Investigations/Complaints	106	104	57	64	45

Number of State Sanitary Permits Issued by Year 1982-2011



The above chart “Number of Sanitary Permits Issued by Year 1982-2011” reflects Decrease in the number of building permits issued for new construction our community has experienced in recent years.