

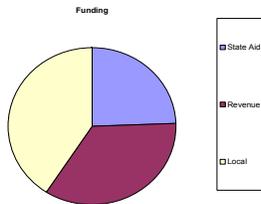
2010 Annual Report

The Mission of the Dunn County Health Department is to promote the health of all people in the community by working toward a safe and healthy environment, preventing disease and disability and promoting positive health practices.

“Interventions that address social determinants of health have the greatest potential public health benefit. Action on these issues needs the support of government and civil society if it is to be successful.” Dr. Thomas Frieden, Director-Centers for Disease Control.

Wisconsin has a new Health Plan; “Healthiest Wisconsin 2020: Everyone Living Better Longer” The health plan describes the essential elements of working toward optimal public health as; effective policies and health systems, healthy, safe and resilient communities, families and individuals, reduced disease, injury and disability leading toward the goals of improved health across the lifespan and health equity. There are many opportunities for the health department, the public and policymakers to work toward these targets. Our 2011 Comprehensive Health Assessment process began at the end of 2010 and included public health partners. The priority areas were identified and current resources/coalitions will continue to work together toward improvements. Communication and resources for funding were underlying issues in all areas.

- Physical Activity & Nutrition-Including the “Built” Environment
- Mental Health
- AODA
- Environment-Natural Resources & Sustainability



The health department is funded by local tax levy \$549,216. grants including state aid \$329,541. and program revenue \$464,409.

Dunn County Demographics

(Note: All 2009 data in parens)

Population-	42,968	(42,910)
Births 2010-	450	(434)
Deaths 2010-	284	(288)

The leading causes of death were diseases of the heart, malignant neoplasms (cancer) and cerebrovascular diseases (stroke.)

Challenges-High prevalence of binge drinking (23.2% of population(Dunn)-America’s health rankings 2010)

Individuals living below poverty- meaning not enough income to meet basic needs, food, housing, clothes and transportation.
(Federal poverty level for family of 4 is income @ \$10.60/hr or \$22050/yr.)

Dunn	15.3%	(14.2%)
State of WI	10.5%	(10.8%)
Dunn- Median household income:	\$47808.	(\$48144)

Per capita funding DCHD	\$12.19	(11.59) local taxes
	\$30.08	(\$29.25) total funding

(County Health Rankings 2010 & US Census Bureau 2009/10, DHS health stats 2010)

Public Health Staff Nurses

- Debra Benoit, ADN, RN.
- Sheila Haugle, BSN, RN.
- Carolyn Kuether, BSN, NP
- Elizabeth Mitchell, BSN,RN
- Dianne Robertson, MSN, NP
- Jo Ann Rucker BSN, RN.
- Linda Schindler, BSN, RN.
- Julie Wiensch, MSN, NP

Public Health Nutrition Staff

- Ellen Blumer, RD
- Holly Cseter, Dietetic Tech/Support staff
- Zoula Yang, Public Health Tech/Support staff

Environmental Health

- Keith Bergeson, BS,EHS, RS
- Thomas Aarrestad, BA, MA, EH Tech.

Support Staff

- Joyce Hill, Environmental Health Sec II
- Sifia Jevne, Fiscal Clerk I
- Barbara Niemi-Arntzen Front Desk, Sec II
- Joan O’Connell, Fiscal Clerk III
- Jane Redig-Contracted Spanish Interpreter

Board of Health and Human Services

The Board of Health is defined in the Public Health Statute 251.03. The local board of health is required to assure that measures are taken to provide an environment in which individuals can be healthy. It consists of elected and appointed members. Appointed members are persons who demonstrate an interest in public health.

Elected Board Members:

- Tom Quinn, Chair
- Gary Seipel, Vice
- Charlie Owen
- Mary Solberg
- Sheila Stori

Appointed Board Members:

- Joyce Hopkins
- Ed LaVenture
- Sara Carstens

BOH Medical Advisors-Dr. Carrie Nelson , Dr. Brandon Parkhurst

HealthiestWI 2020-Health Focus Area

Infrastructure: Access to quality Health Services

Program Areas:

1. Public Health Multipurpose Clinics-walk-in and scheduled appointments for health screenings, health education and referrals.

Number of Clinic Visits- 2858(4082)

2. Other referrals requiring follow-up- **2215 (1539)**
3. WWWP-Wisconsin Well Women Program for uninsured or underinsured women ages 50-64 years, enrollment visits with a PHN result in access to pap tests and mammograms.

Number of women enrolled-**108**

Number of women screened-82(92)

4. Prenatal Care Coordination Program- Women enrolled in Medical Assistance and assessed by the PHN are eligible for this program. The main goal is to improve birth outcomes. The PHNs are the link to early identification of pregnancy, individual support services, receiving early and continuous prenatal care, health and nutrition ed., referrals to community services and accessing and obtaining health and community services.

Number of PNCC clients-165 (189) 687(677 visits)

In 2009 our Hmong and Spanish interpreters (with PH staff) provided **401 (538)** visits for non-English speaking clients and families.

5. Oral health care-In 2009 the health department provided education, screening and toothbrushes with visits for immunizations, the infant program holiday party and referrals for dental care to area dentists and RHDC.

Fluoride supplements: 373(283) children.

Fluoride rinse program: 733 (711) public school children.

Partners in oral health programs-Rural Health Dental Clinic, Head Start, CVTC, area dental and medical providers, area schools.

Adequate, Appropriate & Safe Food & Nutrition

6. The **WIC program** (Women, Infant and Childhood Nutrition) provides nutrition education and breastfeeding support for Dunn County families as well as supplemental food vouchers to families at or below 185% poverty level.

Number of individuals served/mo – **868 (716)**

Food dollars redeemed- \$534,559. (\$522,232)

Farmer's Market \$ redeemed **\$3503. (\$4034)**

7. The Environmental Health Specialist and Tech Inspect and License Food

Establishments and also worked more intensely with the Farmer's Market this year. We also inspect the vendors at the county fair and other events.

Retail Food Establishments **54(56)**

Full Service Restaurants **109 (109)**

Limited Service Restaurants **12 (12)**

Temporary Food Stands **30 (34)**

Schools **17 (17)**

Unhealthy Alcohol and Drug Use

1. Screening for AODA is completed with clients accessing services at the Health Department. Referrals to local services and agencies are made at the time of the visit.
2. The health department participates as a member of the Dunn County Partnership for Youth and Partners for Resilience-both coalitions address prevention efforts and healthy families.

Environmental and Occupational Health

Program areas:

1. Inspections for licensing of:

Campgrounds- **6 (6)**

B&B- **3(2)**

Tattoo- **1(2)**

Camps- **2(2)**

Hotels and Motels- **7(7)**

2. Rabies Control Program-Animal bite follow up and education. Rabies is a fatal disease.

Dog bites- **28(55)**

Cat bites- **13(24)**

Other- **17(10)**

3. Radon Information Center-Dunn County coordinates the program testing information and supplies for Dunn, St. Croix, Pierce, Barron and Sawyer Counties. Any elevated test results require follow-up by the Environmental Health Specialist in the county of the test.

Tests completed by homeowners- **158 (247)**
Elevated tests-**84 (129)**

Dunn County radon tests- **36 (30)**

Dunn County tests: elevated-**18 (16)**

3. Well Water and Surface Water Protection- We continue to partner with citizen groups, DNR and the zoning office to protect the groundwater and surface water. The health department offers information about private well water testing as well as test kits. Our website includes data about test results in Dunn County.

We have many public health partners in Environmental Health, including the DNR and local environmental protection groups. We are dedicated to protecting our valuable natural resources, as it directly relates to protecting the health of the public.

Private well tests **64 (71)**

1. Lead Poisoning Prevention and Investigation- Families receive lead poisoning prevention screening, tests, and if any levels are elevated, a visit by the EHS and PHN to determine risks and remediation.

2. DNR contract for well sampling:
74 samples/14 well inspections- Dunn County facilities (non-transient community wells; i.e. churches, rural restaurants that serve to the public)

23 samples/4 well inspections-Pepin County facilities

Number of children tested for lead:

Total-**482 (484)** Dunn Co HD **160 (168)**

Number of Lead Investigations **2 (5)**

3. The Environmental Health Specialist provides community education for future food service managers, home builders, realtors and other individuals/groups.

4. Complaints by citizens re: well water, housing, mold, licensed facilities, hazardous waste-**95** complaints were followed up and resolved by the EHS.

Reproductive and Sexual Health

Reproductive Health program-Two NPs and one part time support staff person provide services for Dunn County women of childbearing age, men seeking prevention/treatment services and help with medical assistance enrollment.

Women receiving Early Identification of Pregnancy program services (pregnancy testing) **147 (69.)**

Number of RH clients- Total-1141(1239) unduplicated clients and a total of: **3588 (4316)** visits.

1. Campus Violence Prevention project-funding restored in 2009. DCHD staff serves in an advisory committee role.
2. Sexual Assault Nurse Exams-**8 (12)** The SANE program staff also participated in 1 trial. Other SANE nurses have been trained by our staff to increase resources in Dunn County and surrounding counties.
3. Community education-the nurses work with schools, agencies and parents, teaching about sexuality issues and resources. Number attending programs: **933.**
4. HIV/STD testing, education, treatment and contact investigation and treatment. Our health department serves as a regional resource for Partner Counseling and Referral. HIV+ clients are contacted, their partners are contacted and tested. Education, resources and prevention information is provided to the clients.

Partners collaborating in these programs include; The Bridge, Law Enforcement (City and County), UW-Stout, Marshfield Clinic & Red Cedar Medical Center.

Chronic Disease and Injury Prevention

Program areas:

1. Car Seat Safety program-we provide car seat safety checks for families and have grant funding to provide education and car seats on a sliding fee schedule for donations. The new law has increased parent interest. Partners in this program effort include DOT, Law Enforcement (City and County), Red Cedar Medical Center and Head Start.

Number of seats provided –220(182)

2. Safe Kids Day –Health Department staff provide car seat safety checks and bike helmets. In 2010 100% of car seats checked on Safe Kids day were installed incorrectly and our staff helped families install them correctly.
3. We collaborate with Dunn Co. Solid Waste, Lion's club, Community Health Foundation and RCMC for safe medication and sharps disposal.
4. WIC and public health/RH nutrition/diabetes prevention referrals, education and counseling.
5. We also provide staff time and resources to coordinate the County's staff weight loss challenge.
6. Our public health clinic is available for blood pressure screening and referral for citizens.

Mental Health

Program areas:

1. Postpartum depression screening- all mothers, with children under the age of 1, presenting to the health department for services (immunization, family planning, etc.) are asked to complete a short screening tool, the PHN reviews the tool with them, and referral resources are provided. Postpartum visits include this risk assessment and referral program also.
2. Perinatal depression screening-this is included in the PNCC and WIC programs.
3. The Health Department has updated a brochure with mental health resources for Dunn County citizens. The resources are also posted on our website.

We work with DCHS, UW-Stout, RCMC, Marshfield Clinic, the HealthWatch mental health coalition, schools and other partners to provide referrals for mental health services.

Tobacco Use and Exposure

Program areas-

1. Cessation services offered by appointment at the Dunn County Health Department served 38 (132) 1 (11) people reported they quit smoking.
2. PHNs are trained in 5A's assessment and motivational counseling. Eligible clients are screened using the 5 A's assessment. The PHNs also present tobacco prevention programming at area schools.

3. The Board of Health and Human Services reviews issues regarding second-hand smoke, including regional, state and national policies and trends.

Partners in programming; Wisconsin DPH, American Cancer Society, American Lung Association, School Districts, Red Cedar Medical Center, Marshfield Clinic, Arbor Place.

Communicable Disease Prevention and Control

Program areas:

1. All reportable communicable diseases are required to be directed to the local public health agency for investigation, control and prevention of any spread among the population, per WI Statutes Chapter HFS 145. The WEDSS training and updates for staff continue. (WI Electronic Disease Surveillance System-**WEDSS**)
2. Confirmatory serum testing for TB infection (LTBI.)In 2009 we provided blood testing for 5(14) individuals and had 4(7) positives. We coordinated LTBI (preventive) treatment for 18 clients requiring 152 (137) nursing visits.
3. Vaccines for Children-In 2010-69% (2009-75%) of Dunn County children under the age of 2 years were up to date with immunizations. Hib vaccine has reduced the incidence of invasive H. influenza type b disease (causes meningitis in young children) by more than 95% in the U.S. The WI Immunization program provided Dunn County Health Dept. with 3720 doses of vaccine with a value of \$156,696.
4. Preparedness Consortia-Our CDC competency skills were tested, training for staff occurred and skill improvement documented.
5. Influenza Vaccine-The availability of seasonal vaccine was good. We continue to encourage the population to be immunized against Vaccine Preventable Diseases. DCHD gave a total of 776 (1035) adult flu shots and 341(780) children's flu shots in 2010. H1N1 shots-464(1441)(all ages.) The change in total numbers is related to 2009 numbers including H1N1 shots.
6. The Jail Health Program is a cooperative effort by the Health Department and the Sheriff's Department. Inmates are a population identified by Public Health at high risk for communicable disease. Jail health visits include: set up of medications, treatments, TB and/or STD screening, and arranging medical care.
7. Health Screening at the House of Hope-Homeless individuals often need assistance accessing health care, and are identified as a population at risk for TB. We work with the House of Hope to provide general health screening and referral services with newly arrived

families and individuals. In 2010 we received 48 (48) referrals and 11 visits to 22 (20) of the referred families. Some follow up was phone and in office and some residents were no longer in the shelter when we called upon them.

7. New this year is a partnership with the Aids Resource Center of WI to provide free condoms in Dunn County locations. We have provided over 4000 free condoms, in 3 months, through this partnership.

The following table shows the number of cases of communicable diseases that have been reported to the health department over a three-year period. We receive reports from the WI State Lab of Hygiene, Marshfield Clinic, RCMC, UW-Stout, area hospitals, schools and citizens. We investigate all cases of reportable communicable disease.

Infection	2008	2009	2010
Blastomycosis	0	0	0
Campylobacter	22	14	10
Chlamydia	111	144	119
Cryptosporidium	9	8	5
E Coli (0157:h7)	1	0	1
Ehrlichiosis	3	1	11
Giardiasis	8	5	1
Gonorrhea	3	9	3
Hepatitis A	0	0	0
Hepatitis B	3	1	7
Hepatitis C	11	4	8
Histoplasmosis	0	0	0
HIV	0	4	2
Legionnaires' disease	0	0	0
Lyme disease	75	93	139
Meningitis-bacterial	1	0	0
Meningitis-viral	1	0	0
Pertussis	4	2	6
Salmonella	4	2	5
Shigellosis	0	0	0
Syphilis	0	0	1
Tuberculosis	0	0	0
H1N1		83	n/a

Students

Dunn County Health Department continues to serve as a clinical site for the University of Wisconsin-Eau Claire School of Nursing. We provide a clinical practice area for senior nursing students in the baccalaureate program, for RN students enrolled in the baccalaureate completion program, and for students enrolled in the graduate nursing program. The WIC program provides field experiences for Nutrition students and serves as a preceptor site for the Dietetic Intern program at UW-Stout. The RH program staff provides SANE training for nurses.



Looking toward the Future:



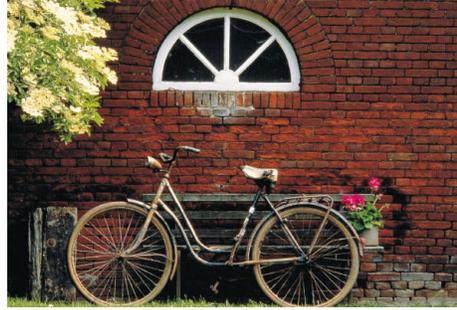
2011 begins our Community Health Assessment and Implementation process. We are using the “CHANGE” (Community Health Assessment and Group Evaluation) tool designed by the CDC. The Quality Improvement grant and training has increased the Health Department’s ability to include the QI process as part of our program evaluation during our monthly staff meetings. This is also part of the process for national accreditation of health departments.

The Healthiest WI 2020 health plan has been released and our programs are aligned with the state goals as well as the Center for Disease Control public health improvement goals.

Although funding continues to be a challenge, our ability to collaborate with local partners and the willingness of our staff to maximize time and resources will continue to benefit the citizens of Dunn County.

We look forward to the planning part of the process and working together to improve the public’s health.

2010 Note from the Director:



The Public Health Documentary “Unnatural Causes” examines factors (social determinants of health) found in social and environmental surroundings that affect an individual’s health and ability to recover from illness. These include; employment and educational opportunities, housing, green space, safety and crime rates, availability of farmer’s market/fresh produce, air pollution, health benefits and even the way the physical or “built” environment is structured to provide opportunities for neighbors to get to know each other, be physically active and feel safe in their community.

These variables provide opportunities for policy makers to have a direct impact on the health of the public.

In addition, the documentary addresses our perspective and awareness of; classism, racism, sexism and other barriers to health, noting an increase in human cortisol levels resulting from continued exposure to these stressors.

Increased cortisol is a precursor to illness and a barrier to healing. Our social interaction definitely has an impact on the world and people around us.

My vision for the health of people in Dunn County includes the health department continuing to provide services in the most respectful and positive way, building the opportunities a family might access

for healthy relationships and healthy participation in the community.

Health department staff has participated in the Resilience Training in Menomonie and use a “strength- based” approach to interacting with the public and each other. Through our involvement in community coalitions and being a resource and advocate for improved health, using evidence based practices; we carry out our mission statement in our daily work.

I appreciate the support of the Board of Health and Human Services, the County Board and the county employees I have the privilege to work with each day. Our quality improvement process provides evaluation opportunities re: program effectiveness, health

promotion/disease prevention and assessment of community resources. We work with our public health partners to improve the ability of Dunn County citizens to access resources and structure a support system that will enhance healthy family development.

One of the challenges we face with families includes the pervasive use of alcohol, tobacco and other drugs as well as the mental health issues that can affect family development. The lack of physical activity and obesity rates we see continue to increase.

Public health recognizes the potential for health in each person and each environment. Our programs use prevention strategies to promote and protect health.

*Wendy MacDougall,
Director/Health Officer*