

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

2014 Annual Report

“The Wisconsin 2020 Health Plan has two overarching goals: to improve health for all and eliminate health disparities. Public health work includes tracking disease outbreaks, preventing injuries, speaking out for laws that promote health and giving science-based solutions to problems. APHA 2014

“Interventions that address social determinants of health have the greatest potential public health benefit. Action on these issues needs the support of civil society if it is to be successful.” Dr. Thomas Frieden, 2009-2015 Director CDC-Atlanta

The Dunn County report of the Committee on Charities, November 12, 1935, organized a County Health Department. The first meeting was held December 6, 1935 and officers were organized, the second meeting was December 24, 1935 and applications were reviewed for the position of County Nurse. The primary work of the nurse included; an infant and maternal health program, prevention and control of communicable diseases, building up the health of school children, tuberculosis control and crippled children’s follow up program. For the past 80 years, the primary work continues, benefited by advances in science and knowledge about disease process, antibiotics and anti-viral medications now available for treatment and new challenges in the areas of chronic disease and environmental health.

Social determinants of health have been described as significant to living healthy lives. *The social determinants of health are the circumstances in which people are born; grow up, live, work, and age, as well as the systems put in place to deal with illness. These circumstances are in turn shaped by a wider set of forces: economics, social policies, and politics.*

Government policies, combined with individual responsibility, afford opportunities to improve the health for all people in Dunn County.

Health related quality of life is also the focus of the Wisconsin 2020 Health Plan. The evidence indicates that where we live, work, learn and play have a significant impact on our lifespan. Wisconsin’s 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. Our local Community Health Improvement Plan (2010-2015) identified the following priorities:

- Physical Activity & Nutrition- Including the “Built” Environment
- Mental Health
- Alcohol & other Drug Abuse
- Environment-Natural Resources & Sustainability

We are beginning the next Community Health Assessment this year in collaboration with the Red-Cedar Mayo Hospital and community partners to

identify priorities for the upcoming years.

This Annual Report is compiled and will be submitted to the WI Department of Health to satisfy the statutory requirement:

DHS 140.06 (2) (c) “a narrative which describes the progress and performance toward achieving the objectives identified as part of the community health assessment.”

The staff continues to fulfill the statutory requirements of a local public health department as well as serve on a variety of coalitions working together to improve the health of the community.

Our 2014 Statutory “140” Review renewed our Level 3 Health Department Status.

- Coalition Work in the Community:
- Partnership for Youth
 - Partners for Resilience
 - Mental Health Resource Network
 - Bicycle-Pedestrian Advisory Committee
 - Community Crisis Response Team
 - Emergency Food & Shelter Coalition
 - Nutrition Action Team
 - LEPC
 - Child Safety Meetings

Dunn County Demographics

(All 2013 data in parens) Resource: County Health Rankings & US Census & local ROD.

Population- 44,305 (43,971)

Births 2014- 431(440)

21 (14) Births to mothers age=<19

Deaths 2013- 369 (246)

The leading causes of death continue to be diseases of the heart, cancer and stroke.

Individuals living below poverty- meaning not enough income to meet basic needs, food, housing, clothes and transportation. This is also the maximum income limit to be eligible for Badger care after 3/31/2014)

(Federal poverty level (100%) for family of 4 is yearly income @ \$23,850.)

Dunn -15.7% (15%)

State of WI -13% (13%)

Median household income:

Dunn \$48,893. (\$45, 878.)

WI \$52,413 (\$50, 401.)

Dunn County children- 17% (18%)

State of WI 18% (19%)

(County Health Rankings 2014, WI DHS, CDC.)

Per capita funding DCHD

\$13.37 (\$12.66) local taxes

\$31.27 (\$29.00) total funding

The Health Department is funded by:

Local tax levy-

\$563,765. (\$556,977.)

Grants including state aids-
\$337,283. (\$317,468.)

Program generated revenue -
\$427,919. (\$401,135.)

Public Health Staff & Board of Health

Public Health Nursing Staff

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

Julie Wiensch, MSN, NP

Public Health Nutrition Staff

Ellen Blumer, Registered Dietician

Holly Cseter, Dietetic Tech

Zoua Yang, Public Health Tech

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 II

Barbara Niemi-Arntzen, Sec II

LeeAnn Wold, Fiscal Clerk I

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

Mary Solberg, Vice

Sarah Kennedy

Carol Anderson

Gary Stene

Appointed Board Members:

Sara Carstens, RN

Colleen Pember

Bill Lamb

BOH Medical Advisors-

Dr. Carrie Nelson

Dr. Jennifer Strong

WI 2020-Health Focus Area

Infrastructure: Access to quality Health Services

Program Areas:

Public Health Multipurpose Clinics-walk-in and scheduled appointments for TB skin tests, shots, Blood Pressure checks, health education and referrals.

Other referrals requiring follow-up-**38** (68)

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 screened- 61** (94)

Children and Youth with Special Health Care Needs: We act as a link to family support services with the Regional Center for CYSHCN. In 2014 nursing staff provided linkages for 12 (20) families.

InSPIRE Grant Collaboration with Menomonie School District- Teen parent programming and risk reduction for all students.

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- 150(143) 533 (422) visits

Oral health care-In 2013 the 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. Only the city of Menomonie and Elk Mound have fluoridated water systems.

Fluoride supplements: 194 (243) children.

Fluoride rinse program: **881** (737) **public school children.**

Fluoride is the least expensive and most effective way to reduce tooth decay.

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

Adequate, Appropriate & Safe Food & Nutrition

The WIC program (Women, Infants and Childhood Nutrition) provides nutrition education and breastfeeding support (initiation rate 70.4% (72.8%) for Dunn County families as well as supplemental food vouchers to families at or below 185% poverty level. The WIC program was established in 1974 and has earned the reputation of being one of the most successful federally-funded nutrition programs in the U.S.

Number of individuals served/mo -**771** (826)

Food dollars redeemed- **\$524,506.** (\$551,982)

Farmer's Market \$ redeemed **\$3452.** (\$3503)

The WIC director initiated a Nutrition Action Team that has begun to meet and the Health Director served on the SDMA committee to

review the Wellness Plan for the District, including the school nutrition components.

The Environmental Health program inspects and licenses food establishments and the Farmer's Market. We also inspect vendors at community events.

Retail Food Establishments **57** (50)

Full Service Restaurants **122** (114)

Limited Service Restaurants **10** (11)

Temporary Food Stands **31** (37)

Schools **15** (16) *St Paul's no longer on DPI program*

Unhealthy Alcohol and Drug Use

AODA screening is available to clients accessing services at the Health Department. Referrals to local services and agencies are made at the time of the visit.

The health department participates as a member of the Dunn County Partnership for Youth and Partners for Resilience and the Mental Health Resource Network-coalitions addressing prevention efforts and healthy families.

Immunizations for Hepatitis, screening for TB and HIV are also available to high risk adults. Individuals involved in AODA use are at higher risk for these diseases.

Environmental and Occupational Health

Inspections and Licensing

Campgrounds- **6** (6)

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

Tattoo- **2**(1)

Camps- **3**(2)

Hotels and Motels- **8**(7)

Food & Bev **152** (159)

Retail **57** (57)

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

Dog bites- **33** (35)

Cat bites- **12** (10)

Other- **13** (14)

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-**209**(396)

Elevated tests- **118** (116)

Dunn County radon tests- **40** (59)

Dunn County tests: elevated-**23** (12)

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 test result data for nitrates 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 within our scope of authority and as it directly relates to protecting the health of the public. We began discussions with the ES department about our staff collaborating to GPS Private Septic Systems as part of the permit process.

Private well tests **45** (37)

DNR contract for well sampling:

80 (75) samples/**16** (16) well inspections- Dunn County facilities (non-transient community wells; i.e. churches, rural restaurants that serve to the public)

21 (20) samples/ **6** (4) well inspections-Pepin County facilities

Well Delegation 2013 Permits-**84**(107)

Revenue: **\$6300.** (\$8025)

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.

Number of children tested for lead:

Total- **288** (307) Dunn Co HD **106** (121)

Number of Lead Investigations **3** (1)

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

Complaints by citizens re: well water, housing, mold, licensed facilities, hazardous waste-**93** (78) complaints were followed up and resolved by the EHS.

We contract with LaCrosse County to provide habitat surveillance for mosquito-borne disease and work on education about removal of standing water vessels (including discarded tires.)

Reproductive and Sexual Health

Reproductive Health program-Two NPs and one part time support staff person provide health screening, information, referral and treatment 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) 264 (254)

Number of RH clients- Total-748 (982) unduplicated clients and a total of: 2560 (3033) visits.

Community education-the nurses work with schools, agencies and parents, teaching about sexuality issues, healthy relationships and resources.

HIV/STD testing, referral, treatment and education is available within this program. **0**

HIV+ clients received this follow up in 2013.

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

Red Cedar Medical Center, WI ARC and WI Department of Public Health.

Chronic Disease and Injury Prevention

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.

Total number of seats provided & checked -**128** (116)

Safe Kids Day -Health Department staff provide car seat safety education and demonstrations.

We collaborate with Dunn Co. Solid Waste, Lion's club, Community Health Foundation and RCMC for safe medication and sharps disposal.

WIC and public health/RH: nutrition/diabetes prevention referrals, education and counseling. The prevalence of diabetes risk factors in Dunn County is 8.9% (2013 est.) for all ages of adults.

Our public health clinic is available for blood pressure screening and referral.

We include Back to Sleep and Shaken Baby information in our parent teaching for SIDS and Shaken Baby risk reduction. This year we implemented a new project with MCH program direction called "The Period of Purple Crying" for new parents.

Early Childhood Safety Meetings- We initiated an assessment of community risks with partners and developed a risk reduction plan in cooperation with Safe Kids Chippewa Valley. UW-EC students provided research and reporting re: playground safety for the group.

Mental Health

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.

Perinatal depression screening-this is included in the PNCC and WIC programs.

Mental Health Resource Network: We are partners with other agencies to keep up to date with trends and resources as well as program sharing and development. The Health Department updates the Dunn County Mental Health Resource brochure. It is posted on our website.

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

Tobacco Use and Exposure

PHNs are trained in 5A's assessment and motivational counseling. Eligible clients are screened and referred using the 5 A's assessment.

Partners in programming; Wisconsin DPH, American Cancer Society, American Lung

Association, School Districts, Mayo-Menomonie, Marshfield Clinic, Arbor Place.

Communicable Disease Prevention and Control

WI Statute HFS 145 requires all reportable communicable diseases to be directed to the local public health agency for investigation, control and prevention of any spread among the population. The WI Electronic Disease Surveillance System-WEDSS connects with CDC reporting and we also rely on timely communication from providers.

TB skin testing was provided for **541**(718) persons. Confirmatory serum testing for TB infection (LTBI) In 2013we provided blood testing for **2** (8) individuals. We coordinated LTBI (preventive) treatment for **6** (5) people. Vaccines for Children-In **2013-**

76% (69%) of Dunn County children under the age of 2 years were up to date with immunizations. We work with schools & the medical community to encourage vaccinations. Our immunization clinics have decreased with ACA coverage of shots.

Influenza Vaccine-The flu season isn't over as of April 26th, while I'm writing this we have a new case of Influenza B in Dunn County and are closely watching the Avian influenza in border counties, currently limited to fowl and dogs. We had 6 hospitalizations related to influenza this year with more age groups affected. We continue to encourage the population to be immunized against Vaccine Preventable Diseases. DCHD gave a total of **450** (550) adult flu shots and **154** (196) children's flu shots in 2011.

Health Screening Stepping Stones Shelter- Homeless individuals often need assistance accessing health care, and are identified as a population at risk for TB. We coordinate with the House of Hope S.W. to provide general health screening and referral services with homeless families and individuals. In 2013 we received **59** (54) referrals.

We continue our partnership with the Aids Resource Center of WI to provide free condoms in Dunn County locations. We have provided over 8145 (9600) free condoms to 4 bars and 5 (6) agencies. We also serve as an extension of the ARC site for their outreach prevention services and staff meet Dunn County residents in our offices the first Friday of the month to offer education and risk reduction.

Below are case counts of communicable diseases that have been reported to the health department over a three-year period. We receive electronic reports from the WI State Lab of Hygiene, Marshfield Clinic, Mayo Health Systems, UW-Stout, area hospitals. Other reports are called to the health department. We investigate all cases of reportable communicable disease to prevent spread and protect the public's health.

Infection	2012	2013	2014
Babesiosis	8	6	2
Blastomycosis	0	0	0
Campylobacter	13	10	23
Chlamydia	113	119	154
Cryptosporidium	7	1	7
E Coli (O157:h7)	0	0	0
STEC	3	1	5
Ehrlichiosis(all)	31	18	7
Giardiasis	3	0	2
Gonorrhea	2	6	6
Hepatitis A	0	1	0
Hepatitis B	4	3	2
Hepatitis C	16	25	19
Histoplasmosis	1	3	0
HIV	1	0	0
Influenza (A)2	25	3	3
Influenza-hospital			6
Legionellosis			1
LTBI		8	9
Meningitis-V/B	0	0	0
Pertussis	212	6	51
Q Fever	1	1	0
Salmonella	7	10	7
Shigellosis	2	0	0
Invasive Strept (A)			1
Tuberculosis	0	0	0
Toxoplasmosis	0	1	0
Varicella (Zoster)	4		5

Lyme-not communicable-101 (106) reports

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, 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.



2014 Note from the Director

Our goals for 2014-progress report:

1. Strategic Planning-summary attached.
2. Budget strategies-on target with increasing PGR.
3. Quality Improvement-updating our policies and procedures-many updated for state review.
4. Moving our offices-we are now relocated to the Community Services Building.

Our 2015 goals include:

1. Continue to coordinate resources with County Departments
2. Initiate NFP program/staff training
3. Community Health Assessment
4. Implement strategic plan goals

Respectfully submitted:

Wendy MacDougall, RN, MSN, APNP
Director/Health Officer



2014 Public Health Staff