



OZAUKEE COUNTY PUBLIC HEALTH DEPARTMENT

Annual Report

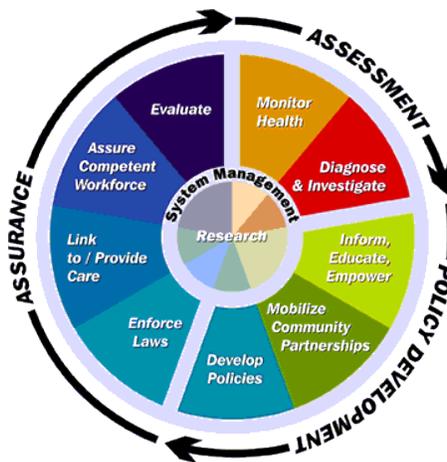
2010

Dear Colleagues, Ozaukee County Board Members, Partners, and Residents,

The Ozaukee County Public Health Department's 2010 Annual Report has a new look and is grounded in the 10 Essential Public Health Services. The 10 Essential Public Health Services guide our daily work and remind us of the responsibilities we, as the public health department, have to our community in protecting and promoting health. We extend deep appreciation to all of our community partners who work diligently with us to sustain and improve the health of Ozaukee County residents.

Warmly,

Kirsten Gruebling, MPH, CPH, CHES
Director/Health Officer

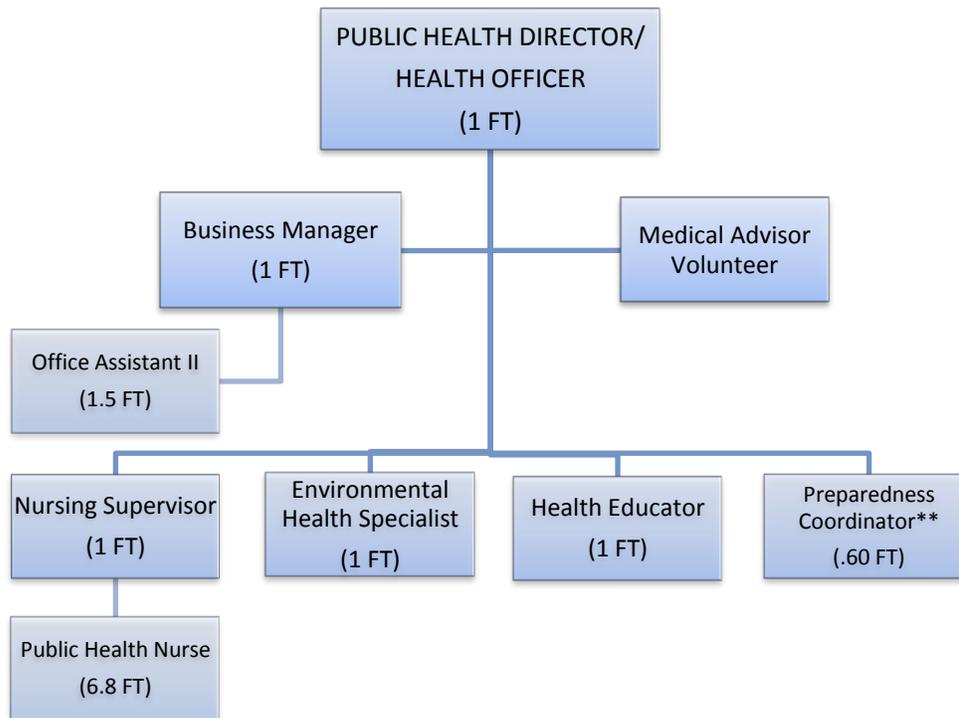


Ozaukee County Public Health Department Annual Report 2010

Table of Contents

Organization Chart, Health Department Staff & Board of Health.....	3
Department Purpose & Core Values.....	4
Essential Service 1 (Monitoring Health Status).....	5
Essential Service 2 (Investigate Health Problems).....	6
Essential Service 3 (Inform People about Health Issues).....	9
Essential Service 4 (Mobilize Communities).....	10
Essential Service 5 (Plan to Support Health).....	11
Essential Service 6 (Enforce Public Health Laws).....	12
Essential Service 7 (Link People to Health Services).....	13
Essential Service 8 (Assure a Competent Workforce).....	15
Essential Service 9 (Evaluate Effectiveness of Programs).....	16
Essential Service 10 (Research for New Solutions).....	17

Organization Chart



Public Health Department Staff

Director/Health Officer

Kirsten Gruebling, MPH, CPH, CHES

Business Manager

Julie Sauer

Public Health Nursing

Diana Noack, RN, BSN, Nursing Supervisor

Kathy Bleau, RN, BSN, Public Health Nurse

Caralee Jacque, RN, BSN, Public Health Nurse

Abbie Povletich, RN, BSN, Public Health Nurse

Jeannine Kitzerow, RN, BSN, Public Health Nurse

Donna Ubbink, RN, BSN, Public Health Nurse

Jan Koeppen, RN, BSN, Public Health Nurse

Joanne Viesselmann, RN, BSN, Public Health Nurse

Jane Schulz, RN, BSN, Public Health Nurse

Environmental Health

Dan Ziegler, BS, RS

Board of Health

Cynthia Bock, Committee Chair

Karl Hertz, Committee Co-Chair

Kathlyn Callen

Raymond Meyer

Robert Wallerstein

Gail Buenger

Carol Lueders Bolwerk

Mary Jo Wirth

Dr. Celestino Perez, Medical Advisor

Health Education

Kari Jacoby, BS, CHES

Preparedness

Patty Ruth, BA

Support Staff

Marilyn Thornell

Wendy Schwab

Ozaukee County Public Health Department Purpose & Core Values

Purpose: Improve the health of all Ozaukee County residents.

In order to improve the health of our residents, Ozaukee County Public Health Department will:

- Assure quality and accessible health services
- Promote healthy lifestyles
- Empower residents to make healthy decisions
- Educate and inform the community about and mobilize the community around existing and emerging public health needs
- Advocate for policies that improve health
- Ensure and maintain our expertise
- Assess community health status and community resources
- Partner with community organizations
- Use evidence and public health best practices
- Enforce laws and regulations that protect health and ensure safety
- Assist in response to and prevention of disease and disasters

We are guided by our Core Values:

1. Treat everyone with dignity and respect
2. Honor individual rights
3. Everyone has the right to good health
4. Serve all residents, including the most vulnerable
5. Listen to the community and their needs
6. Make decisions based on the best interest of the community
7. Emphasize prevention and embrace collective action
8. Empower people

Essential Service 1

Monitor Health Status to Identify and Solve Community Health Problems

Introduction: Essential Service 1 activities include assessing the health status of the community through formal and informal needs assessments and data analysis. The Ozaukee County Public Health Department (OCPHD) collaborates with a broad group of community partners to address our community’s health needs. Community health improvement planning and leading health indicator data guide our health focus areas.

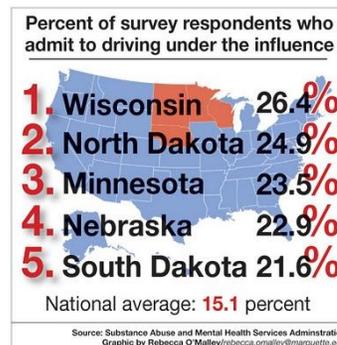
Ozaukee Health Initiative (Community Health Improvement Planning, CHIP)

In 2010, the OCPHD completed a comprehensive needs assessment led by the Ozaukee Health Initiative (OHI). Criteria to identify health concerns were size and prevalence of the issue, effectiveness of interventions and community capacity to address the issue.

2010 Outcomes

- The top areas of focus identified during the CHIP process were: Obesity in Adults and Children, Access to Primary and Preventive Care, Mental Health, Alcohol and other Drug Abuse

Health Indicator	Ozaukee County	Wisconsin	US
Overweight/Obese Adults	25%	25%	26%
Uninsured Adults	10%	10%	16%
Mental Health (Number of poor mental health days reported in last month)	2.9	2.8	3.5
Binge Drinking (Adults in past 30 days)	20%	23%	15%



Essential Service 2

Diagnose and Investigate Health Problems and Hazards in the Community

Introduction: Essential service 2 includes provision of epidemiological identification of emerging health threats, investigation of infectious disease and human health hazards and prevention of disease through immunizations.

Communicable Disease Control

Surveillance, investigation and follow-up of reportable diseases are statutory responsibilities of local health departments. In addition, animal bites are reported to the health department and follow up is conducted to assure measures are taken to prevent potential disease transmission.

2010 Outcomes

- Public Health Nurses conducted 264 follow-up investigations on reportable communicable diseases
- Over 1200 hours were spent on communicable disease surveillance, follow-up and control activities
- 271 TB Skin Tests were administered
- 16 dog bites, 9 cat bites and 5 bat bites were investigated
- 9 other various human or animal exposure incidents were also investigated (muskrat, woodchuck, fox, and coyote)

Sample of Diseases	Cases
Campylobacter	18
Cryptosporidium	6
E.Coli	2
Giardia	5
Hep A	1
Hep B	9
Hep C	20
HIV	2
Lyme Disease	28
Norovirus Outbreak	2
Pertussis	2
Salmonella	18
STDs:	
Chlamydia	82
Gonorrhea	14
Syphilis	3
TB Active	1
TB Inactive	1
Latent TB	4
Varicella	4

Emergency Preparedness

OCPHD strives to ensure we are able to respond effectively to public health emergencies, lessen the negative impact of the emergency and save lives.

A public health emergency may be the result of a bioterrorist act, naturally occurring disease, accident, hazmat incident, weather conditions, long term power outage, contaminated food or water and pandemic influenza. This work strengthens our capacity to respond and be prepared.

2010 Outcomes

- Fostered and maintained numerous partnerships with: Law Enforcement, Fire, EMS, public and private schools, churches, hospitals, non-profits, government agencies, funeral homes, municipalities, Chambers of Commerce and senior centers, and others
- Developed voluntary registry for qualified clients from Human Services
- Sponsored and participated in numerous local trainings and one national training

- Tested communication plans, health alerts, quarantine processes, Incident Command and redundant forms of communication
- Continued focus and learning on H1N1 experience

Environmental Health Information and Consultation Services

OCPHD investigates complaints related to environmental health as well as provides environmental health resources to county residents. The Environmental Health Specialist consults on private well testing, and advises on a host of issues, including air quality concerns, mold, radon, animal and insect complaints, lead and asbestos hazards and other environmental health issues. The goal of this program is to protect the health of residents from environmental related illness and disease.

2010 Outcomes

- 20 Ozaukee County residents requested well testing and screening services
- Environmental health consultation was provided to over 300 county residents

Immunization Program

OCPHD aims to reduce or eliminate illnesses of vaccine preventable diseases through administration of vaccines. In 2010, **9167** (4153 flu) vaccines to prevent infectious diseases were given to Ozaukee County residents. In addition, staff work closely with Ozaukee County school districts to assure school age children are in compliance with the Wisconsin State Immunization Law.

2010 Outcomes

- No childhood vaccine preventable disease outbreaks occurred in Ozaukee County

<i>School District</i>	<i>Percent of students compliant with WI law</i>
<i>Cedarburg</i>	<i>94.38</i>
<i>Grafton</i>	<i>97.76</i>
<i>Mequon</i>	<i>98.78</i>
<i>Northern Ozaukee</i>	<i>100</i>
<i>Port Washington/Saukville</i>	<i>99.67</i>

Seasonal Influenza

OCPHD conducts numerous community-based flu clinics to ensure Ozaukee County residents are protected from seasonal influenza. Influenza (flu) is a contagious respiratory disease that can lead to serious complications, hospitalization, or even death. Anyone can get the flu, and vaccinating against the flu is the single best way to prevent illness. The CDC recommends everyone 6 months of age and older is vaccinated against the flu every year.

2010 Outcomes

- OCPHD vaccinated **4153 adults and 460 children** against seasonal influenza

Lead Poisoning Prevention

Children participating in OCPHD WIC program receive blood lead screenings at age 1 and again at age 2 years or older. Lead test results from private medical providers are also recorded in the child's WIC record to assure appropriate follow up and testing is completed. This program provides education on prevention of lead exposure as well as home inspections and case management services to families of children whose confirmed lead levels are 10 mcg/dl or higher. In addition, OCHPD provides lead hazard control and abatement on homes where children may be at high risk of lead poisoning.

2010 Outcomes

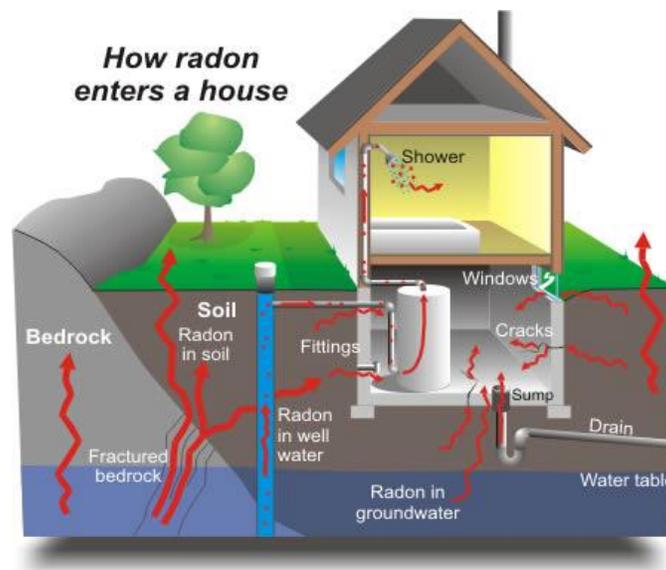
- 636 children were tested for lead poisoning
- OCPHD screened 53 of those children
- Of the 636, 26 children had elevated lead levels over 5 mcg/dl
- Two lead hazard control projects were completed on homes in Ozaukee County; one in Port Washington and one in Belgium

Radon Testing

OCPHD provides radon test kits at a free or reduced cost to Ozaukee County residents. OCPHD also provides assistance in analysis of test results, mitigation information and referrals for individuals or families whose homes have high radon levels.

2010 Outcomes

- Radon kits were sold to 77 Ozaukee County residents



Essential Service 3

Inform, Educate and Empower People about Health Issues

Introduction: Essential Service 3 includes social marketing, targeted media public communication, providing accessible health information, and resources to reinforce health promotion messages and programs.

Car Seat Education and Installation

Proper car seat installation is imperative to keeping Ozaukee County children safe while traveling in motor vehicles. OCPHD teaches families how to safely transport their children using car seats, booster seats and seat belts correctly. Child safety seats that are used correctly reduce the risk of death by as much as 71%. In addition, OCPHD provides infant carriers, car seats and booster seats to families who are unable to obtain them otherwise.

2010 Outcomes

- 166 child safety seats were evaluated for proper installation
- 91 new safety seats were provided to families
- After education, 99.2% of caregivers were able to correctly install a car seat in their vehicle

General Health Education

OCPHD provides educational sessions to local school districts, community groups and also to clients receiving public health services at the health department. Topics include prenatal care, health nutrition, exercise strategies, and infectious disease prevention.

2010 Outcomes

- OCPHD participated in the 4 HOPE community event and provided fluoride varnish and cavity prevention education
- Health education was provided at over 20 other various community events

Sure Step Program

Sure Step is a falls prevention program available to Ozaukee County residents who are at a high-risk of falling. 1 out of 3 seniors (65 & older) fall each year. Wisconsin ranks 2nd in the nation in the rate of death from falls. In 2008 (latest year statistics available), 7 Ozaukee County residents died from falling and 516 were seen in the emergency room for fall related injuries.

2010 Outcomes

- 10 seniors participated in the Sure Step program and were assessed for their individual risks for falling
- Current and past participants have a decreased number of falls

Essential Service 4

Mobilize Community Partnerships and Action to Identify and Solve Health Problems

Introduction: Essential Service 4 involves convening and facilitating community groups in undertaking defined preventive and population focused activities in order to pool expertise and leverage all potential resources to solve community health problems.

Healthy People Ozaukee County

A county-wide health coalition was formed in 2010. The coalition's purpose is to sustain and improve the health of Ozaukee County residents through education, early intervention, changing social norms and creating policy.

2010 Outcomes

- Formation of coalition with representation from multiple sectors including: businesses, schools, faith based organizations, fitness clubs, YMCA, hospital systems, government entities and non-profits
- Identification of three priority areas: Obesity, Mental Health and Alcohol and Other Drug Use

Child Death Review Team

A Child Death Review Team was revitalized and broadened in Ozaukee County in 2010. CDRTs are important because the circumstances involved in most child deaths are multidimensional with many factors, and responsibility should not rest in one place. CDR teams review child deaths that occur in the county and identify how the death could have been prevented. Based on the CDR team discussion, community interventions and partnerships are developed to work towards preventive programs or policies.

2010 Outcomes

- 31 organizations participated in a CDRT training and kick-off
- Team membership was broadened to include the medical examiner, law enforcement, public health, school districts, mental health providers, Child Protective Services, hospital staff and non-profit organizations. A multidisciplinary team allows for a more comprehensive picture of the risk factors and circumstances surrounding the deaths of children in Ozaukee County
- Select team members attended statewide data collection training
- The Ozaukee County CDR team expanded the scope of reviews to include all individuals under the age of 21, with increased focus on deaths related to alcohol or drug use

Essential Service 5

Develop Policies and Plans that Support Individual and Community Health Efforts

Introduction: Essential Service 5 involves providing leadership for systemic community and state level planning for health improvement, development and tracking of measurable health objectives as part of a continuous quality improvement strategy and development of codes, regulations and legislation to guide the practice of public health.

Healthiest Wisconsin 2020

Healthiest Wisconsin 2020 is a document outlining the focus areas that need to be addressed by public health system partners and Wisconsin communities over the next decade. Teams of experts for each focus area were charged to identify the key objectives for the decade. The 23 teams were dubbed “Focus Area Strategic Teams.” Each team identified two objectives that reflected the most important policy change, system alignment or program action to be achieved in the next decade. Healthiest Wisconsin 2020 complements the national plan, Healthy People 2020.

2010 Outcomes

- OCPHD staff participated in the planning process and on Focus Area Strategic Teams



Essential Service 6

Enforce Laws and Regulations that Protect Health and Safety

Introduction: Essential Service 6 involves full protection of drinking and recreational water supplies, enforcement of clean air standards, and timely follow-up of environmental health concerns.

Beach Monitoring Program

OCPHD monitors the public beaches in Ozaukee County through a grant from the Wisconsin DNR. Public beach water is monitored from Memorial Day through Labor Day for elevated E. Coli levels and adverse conditions. After monitoring, OCPHD uses E. Coli levels to determine beach advisories and closures, which are posted through signage and online at www.wibeaches.us.

2010 Outcomes

Beach Site	Days Monitored	Open	Advisory	Closed
<i>Harrington North</i>	51	42	8	1
<i>Harrington South</i>	55	27	24	4
<i>Upper Lake Park</i>	65	63	1	1
<i>Lion's Den County Park</i>	15	13	1	1
<i>Concordia University</i>	26	23	3	0

DNR Well Water Program

OCPHD inspects and tests transient wells in Ozaukee County through a grant from the DNR. The program requires an annual test for bacteria and nitrate for any well that has public access to water for at least 25 individuals per day for at least 60 days of the year.

2010 Outcomes

- 193 establishments completed water testing; 9 had unsafe bacteria levels
- 39 well system inspections were conducted
- Nitrate samples on all 193 establishments were safe

Wisconsin Act 12 (Smoke-Free Wisconsin Act)

Secondhand smoke is the third leading cause of preventable death in the U.S. Every year secondhand smoke kills 53,000 non-smoking Americans, including 900 Wisconsinites. The best way to protect community members from the dangers of second hand smoke is to establish smoke-free environments.

2010 Outcomes

- On July 5, 2010, Wisconsin's smoke-free workplace law went into effect

Essential Service 7

Link People to Needed Personal Health Services

Introduction: Essential Service 7 assures effective entry for disadvantaged people to a coordinated system of care, linkage of services for special population groups, and technical assistance for effective worksite health promotion/disease prevention programs.

Badger Care Outreach

Family health benefits counseling is provided to assist Ozaukee County families in accessing health care financing through outreach, counseling and advocacy.

2010 Outcomes

- OCPHD enrolled 35 pregnant women in Badger Care Express Enrollment

Migrant Health

The Migrant Health program in Ozaukee County addresses health needs of migrant workers and their families. Approximately 120 Latino workers and their families come from southern Texas to work at the Lakeside Foods cannery in Belgium and their produce freezing plant in Random Lake. Most workers live in one of the two “migrant camps” in Belgium during their stay in Wisconsin, working May through November.

2010 Outcomes

- OCPHD visited the migrant camp three times over the course of the summer to provide vaccinations and linkage to other community services
- Family Health/La Clinica in Wautoma also sent their mobile medical van to Belgium three times to provide nurse practitioner exams, blood work, prescriptions and enrollment in state screening programs

Oral Health

Early childhood cavities prevention services includes guidance for parents and other caregivers and distribution/provision of fluoride supplements.

2010 Outcomes

- OCPHD provided fluoride varnish treatments to 248 children
- Five families were referred for treatment of dental cavities

Prenatal Care Coordination

Prenatal Care Coordination (PNCC) Services are available to Medicaid-eligible pregnant women with a high-risk for adverse pregnancy outcomes. High-risk pregnancies require additional prenatal care

services, coordination and follow-up because of medical or non-medical factors that include psychosocial, behavioral, environmental and nutritional factors.

2010 Outcomes

- OCPHD provided 65 women with screening and pregnancy follow-up

Women, Infant, and Children (WIC) Nutrition Program

The purpose of WIC is to promote and maintain the health and well-being of nutritionally at-risk pregnant, breastfeeding and postpartum women, infants and children. WIC provides supplemental nutritious foods, nutrition and breastfeeding information and referral to other health and nutrition services. The Washington County Public Health Department provides services to Ozaukee County.

2010 Outcomes

- 837 participants were served by WIC in Ozaukee County (223 women, 162 infants, 452 children 1-4)
- 5280 food packages were issued to participants that were tailored to their individual needs
- \$285,120 worth of healthy foods was purchased with WIC vouchers
- 12 contracted vendors in Ozaukee County redeemed participant's vouchers
- \$2039 worth of vouchers were redeemed at farmer's markets
- 83% of WIC mothers initiated breastfeeding post delivery (WI average is 68.3%)

Wisconsin Well Woman Program (WWWP)

WWWP provides preventive screening services for breast and cervical cancer to low income, uninsured or underinsured women residing in Wisconsin. Women screened and diagnosed with breast or cervical cancer may be eligible for Wisconsin Well Woman Medical Assistance (WWMA) for treatment.

2010 Outcomes

- OCPHD screened 71 women in 2010
- Sixteen women had abnormal screenings and needed diagnostic follow-up
- Thirteen women are currently enrolled in WWMA for treatment of cancer

Ozaukee 100 Funds

The Ozaukee 100 is a collaborative effort, led by the OCPHD and Columbia St. Mary's to promote breast cancer screening for 100% of Ozaukee County women. The fund provides financial assistance for breast cancer screening and breast related issues. Coalition work is supported by tax deductible donations.

2010 Outcomes

- 28 women were screened through the Ozaukee 100 fund

Essential Service 8

Assure a Competent Public Health Workforce

Introduction: Essential Service 8 involves educating and training personnel to meet the needs for public and personal health service; adoption of continuous quality improvement and life-long learning; and active partnership with academic institutions. In order to provide the highest quality public health service, OCPHD strives to ensure that all of our staff possesses the knowledge, skills and abilities to perform their jobs effectively and efficiently.

Linkages with Academia

OCPHD has strong linkages with numerous institutions of higher education and serves as a site for student placement, observation, practice experience and internship.

2010 Outcomes

- Students from UW Oshkosh, UW Milwaukee and Concordia University were placed at OCPHD
- OCPHD hosted an Area Health Education Center intern who worked on the Beach Monitoring Program for 8 weeks in summer, 2010
- OCPHD Director is on the Medical College of Wisconsin MPH Advisory Board, Chair of WPHA Workforce Development Committee and student mentor to MPH students at Carroll University

Public Health Preparedness Competency Development

OCPHD participated in a regional competency development process to ensure the agency and its workforce is prepared to meet the demands of any public health emergency. As part of the process, staff were assigned a competency level based on their assessment results.

2010 Outcomes

- All OCPHD staff were assessed at either an intermediate or advanced level
- Based on individual's results, a staff competency development plan was created



Essential Service 9

Evaluate Effectiveness, Accessibility and Quality of Personal and Population Based Health Services

Introduction: Essential Service 9 calls for ongoing evaluation of health programs to assess program effectiveness and to provide information necessary for allocating resources and shaping programs. Measures for assessing this essential service indicate a need for strengthening OCPHD activities in this area.

Health and Family Services (HFS) 140 Review

The Wisconsin Department of Health Services is required to formally review the operations of all Wisconsin Local Health Departments every five years. The review establishes the health department as a level I, II, or III agency. A level I agency meets the minimum requirements and a level III meets the maximum requirements established for local health departments.

2010 Outcomes

- In 2010, OCPHD was recertified as a Level II local health department

Essential Service 10

Research for New Insights and Innovative Solutions to Health Problems

Introduction: Essential Service 10 includes continuous linkage with appropriate institutions of higher learning and research.

Healthy Wisconsin Leadership Institute

The Healthy Wisconsin Leadership Institute provides continuing education and research opportunities to local public health departments in Wisconsin. Their mission is to build public and community health skills and leadership capacity. OCPHD has a continued partnership with HWLI.

2010 Outcomes

- OCPHD Director serves on the Healthy WI Leadership Institute Advisory Committee

Wisconsin Public Health Practice-Based Research Network (PBRN)

Public Health Practice-Based Research Networks are an organized group of public health agencies engaged in ongoing collaboration with public health research centers to conduct rigorous, applied studies designed to identify ways to improve public health organizations, financing and delivery of public health services in real world community settings. Wisconsin has 12 health departments that are engaged in the process, which is funded by the Robert Wood Johnson Foundation. OCPHD is in continued collaboration with participating health departments.