

Lincoln County Health Department



Annual Report 2011

Lincoln County Health Department, 90 Nicholls St., Davenport, WA 99122
509-725-1001, www.co.lincoln.wa.us



Our Mission: To promote and protect the health of our community by preventing disease and injury through assessment and program implementation in cooperation with our community partners.



Health Officer
Marshall Thompson MD

Administrator
Ed Dzedzy RS

Community Health Director
Sherri Bartlett RN

Public Health Nurse
Jolene Erickson RN

Health Educator
Danita Hammond

Environmental Health Specialist
Kim Heinz RS

Women, Infant, Children Coordinator
Sudee Boyk

Office Manager
Brean Cassidy

Dietician
Becky Knapp RD

Programs
Maternal Child Health (MCH)
Children with Special Health Care
Needs (CSHCN)
Maternal Support Services (First Steps)
Early Support for Infants and Toddlers
(ESIT)
Interagency Coordinating Counsel (ICC)
Women, Infant and Children (WIC)
Breastfeeding Peer Counseling (WIC)
School Health
Immunizations
Tuberculosis
HIV/AIDS Testing & Counseling
Communicable Disease
Chronic Disease Prevention
Healthy Communities
Healthy Weight Collaborative

Breastfeeding Peer Counselor
Tayisia Burkoff

Community Partners
Lincoln Hospital
North Basin Medical Clinic
Odessa Memorial Healthcare Center
Lincoln County Sheriff Office
Lincoln County School Districts
Lincoln County Drug & Alcohol Center
WSU Extension Office
Lincoln County Public Works
Family Resource Center
Davenport School District
Empire Health Foundation

Drinking Water
Group A Water Systems
Group B Water Systems
Solid Waste
Onsite Sewage
Vector
Food
Living Environment
Environmental Health
Vital Records
Water Laboratory
Community Health Assessment
Public Health Emergency Preparedness
Response (PHEPR)
Hospital Emergency Planning
Regional Hospital Planning





Lincoln County Health Department
Dr. Marshall Thompson, Health Officer

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2011 Lincoln County Health Department Overview

Improving the public's health is a challenge that public health officials face every day. It requires dedicated public health professionals working with dwindling resources and fighting against social norms to implement individual, family and community behaviors that lead to healthier lifestyles. It requires implementation of regulations for the protection of air quality, ground water, drinking water, food safety, immunizations. It also requires community education on healthy habits, vector control, building healthy environments and improved lifestyles. This report summarizes many of the activities and programs that the health department undertakes to overcome these challenges. Many activities are routine business. Some are additional efforts to better understand our community, our programs, and our accountability.

In 2011, the health department participated in the Public Health Standards for Washington Review. The Public Health Standards were developed to measure the performance of the work we do in public health. They were developed by a partnership of state and local public health workers, the State Board of Health and the University of Washington. The standards identify a higher level of performance than what currently exists and public health agencies in this state will be expected to work toward meeting the standards in the future. We met 89% of the performance measures and partially meet an additional 9 % and did not meet only 2% of the Public Health Standards. A corrective action plan has been adopted to see improvement prior to the next standards review period.

In an effort to develop strategies to impact healthy lifestyles, we applied for a Healthy Weight Collaborative grant from the National Initiative for Children's Healthcare Quality (NICHQ). Lincoln County was one of 10 teams selected nationally to participate in this effort. The Health Department, along with Lincoln Hospital, North Basin Clinic, the Davenport School District and other community partners focused in the Davenport community to develop systems changes in the school, health clinics, and community that could be implemented county wide. This included conducting health assessments of students kindergarten through 6th grade and providing BMI and healthy weight plans to parents to work together as a family to live healthier lives. It also aims to improve clinic practices to include health counseling during appointments and a community based 5,4,3,2,1 Let's Go LinCo campaign. This community collaborative effort has led to sustainable systems change that can impact healthy lifestyles over time to reduce obesity, improve health status, increase life expectancy and reduce healthcare costs.

Many other Health Department efforts are described in this report, all with the goal of supporting healthy communities to improve health status in Lincoln County.



Understanding Health Issues

The more we understand the health issues facing our residents the better we can tailor our services to address their needs.

- *Distributed* a monthly publication, “epi-TRENDS,” from the Washington State Department of Health to all local healthcare providers. This publication allows our providers to track certain diseases affecting Lincoln County.
- *Monitored, investigated and assessed* 23 Notifiable Conditions that were reported to us in 2011.
- *Filed* 80 death records for Lincoln County. Death records allow the health department to track cause of death and life expectancy of Lincoln County residents.

<i>The number of death records filed per year</i>				
2011	2010	2009	2008	2007
80	96	80	92	89

- *Utilized* birth certificate data to assess the health of newborns in Lincoln County. 107 births were recorded in 2011.

<i>The number of birth records per year for Lincoln County</i>			
2011	2010	2009	2008
107	94	89	105

- *Reviewed* current data for Lincoln County from the Behavioral Risk Factor Surveillance Survey (BRFSS) and the Healthy Youth Survey (HYS). Both surveys aid the health department and local healthcare agencies in program planning and focus. The BRFSS and HYS are both self reported surveys and give us a good idea of the health habits of Lincoln County residents.
- *Provided* assessment data to Hospital Districts and local organizations per request.
- *Collected and assessed* height and weight data for K-6th grades in Davenport (Lincoln County) as part of the Healthy Weight Collaborative.



Promoting Health

Promoting healthy lifestyle activities allows our residents to be proactive about their health choices.

- *Provided* education to the public regarding the importance of STD prevention. Also provided education, follow-up, and ensured partner treatment to prevent further infections.
- *Sent* 51 health alerts to our Healthcare Provider Network. The alerts included a variety of topics such as updates on influenza, notifiable conditions, immunizations, pertussis and norovirus.
- *Mentored* Creston High School student who educated Creston preschool, kindergarten and grades 1-2 on oral health care.
- *Referred* 138 Women, Infant, Children (WIC) nutrition program clients to dental care resources in Lincoln and Spokane Counties. These resources include dentists who see children and bill Medicaid through a partnership with Spokane Regional Health District ABCD program. Our goal was to enroll 100 kids 0-6 years in 2011.
- *Provided* oral health education and care kits for children in the WIC program. The kits contain a toothbrush, toothpaste, floss and educational materials.
- *Referred* 16 individuals to tobacco Quitline through the Maternal Child Health (MCH) program to assist them in quitting tobacco. 4 of these individuals were pregnant at the time they received referral information.
- *Provided* educational materials for Growing Gorillas preschool on immunizations, seasonal influenza, and communicable diseases prevention.
- *Authored* a health corner article for publication in the local newspapers. The article topics included; Cholesterol program and Healthy Weight Collaborative. Spokane Regional Health District ABCD program published article about grant received for Access to Baby and Child Dentistry (ABCD) in Lincoln County in partnership with Spokane Regional Health District.
- *Updated* the health department's website with current information and new publications.
- *Participated and presented* at the 10th annual Odessa Women's Night hosted by Odessa Memorial Healthcare Center with over 100 women in attendance.



- *Selected* as one of 10 teams nationally to be part of the Healthy Weight Collaborative supported by the National Initiative for Children Health Quality. The collaborative supports community collaboration to impact obesity through policy and systems change.
- *Developed* 5,4,3,2,1 Let's Go LinCo brand to inspire eating 5 servings of fruits and vegetables, drink 4 glasses of water, eat 3 low fat dairy products, spend less than 2 hours of screen time and 1 hour of physical activity daily.
- *Linked* clients with Department of Social and Health Services, Health For All, Department of Children and Family Services, oral health and healthcare providers, Family Resource Center, Planned Parenthood, breast health services, prescription help, Care & Share, transportation, and various other services.
- *Educated* the public and local healthcare providers on notifiable conditions including how to contact the health department 24 hours a day, 7 days a week, 365 days a year.
- *Provided* 908 nutrition education sessions to WIC clients.
- *Served* 361 women, infants and children with the WIC program.
- *Distributed* 600 checks for the WIC Farmers Market Nutrition Program. 69% of the checks distributed in Lincoln County were redeemed. The farmers market checks are used to help WIC clients increase their consumption of fresh fruits and vegetables.
- *Supported* The Big Red Barn Farmer's Market just outside of Davenport to continue to accept WIC Farmer's Market checks.
- *Offered* 87 pregnant and postpartum women breastfeeding education and support.
- *Offered* pregnancy testing services. Referring client to prenatal care, First Steps, Medicaid, and Planned Parenthood or other birth control resources as needed. One pregnancy test was provided in 2011.
- *Screened* 29 children 0-6 years of age for developmental delays, with 1 child being identified as needing further follow-up or evaluation.

The number of children screened each year for developmental delays

2011	2010	2009	2008	2007
29	27	57	15	54



- *Served* 32 children with special health care needs in Lincoln County through assurance of services, case management, and home visits.
- *Completed* approximately 25 home visits that focused on education for parenting skills, baby & child development, parent & child bonding and evaluation of emotional and developmental health.
- *Provided* resources, referrals and education for women for breast cancer screening and prevention.
- *Provided* breastfeeding peer counseling services to WIC clients to support breastfeeding. Over 100 individual contacts made to pregnant and breastfeeding women through both phone and in person clinic visits.
- *Sponsored* 2 education nights with Dr. Stephen Thew, MD, focused on Cholesterol Reduction funded through the Empire Health Foundation. 50 people attended in Odessa and 82 in Davenport.
- *Enrolled* 12 residents in a 6 month cholesterol reduction program resulting in positive health behavior change.



Protecting Health

We can help prevent the spread of disease and increase the quality of life of the residents in Lincoln County.

- *Coordinated* with local providers to provide flu vaccine for children through Vaccines for Children (VFC) program. Also provided flu vaccine for adults in our walk-in immunization clinic.
- *Administered* 33 TB tests. No active or latent cases identified in 2011.
- *Investigated and followed up* on 23 reported communicable disease cases. Chlamydia and Hepatitis C continue to be the most reported notifiable conditions in Lincoln County. One typhoid case was reported and investigated.
- *Updated* the Health Department's emergency response plans to assure our preparedness to respond to local and regional events. This involved working with local partners such as the hospitals, EMS, law enforcement, etc. This effort is coordinated with regional partners to assure a cohesive regional response system.
- *Administered* 102 immunizations to children and adults; does not include seasonal flu immunizations. We are seeing a reduction in immunization services as local providers increase their presence.

<i>The number of immunizations given each year</i>				
2011	2010	2009	2008	2007
102	181	304	378	308

- *Administered* 186 seasonal flu immunizations to children and adults.
- *Provided* technical assistance and vaccine oversight to all 4 healthcare clinics in Lincoln County and completed a quality assurance site visit to two of the healthcare clinics receiving Vaccines for Children.
- *Tested* 11 water samples for nitrates and 3 water samples for fluoride.



- *Tested* 1001 water samples for bacteria. 49 samples tested positive for coliform bacteria (this includes both private and public water systems). The water lab serves public and private water systems for Lincoln, Grant, Ferry, Stevens, and Pend Oreille counties.
- *Conducted* 3 sanitary surveys of water systems to ensure safe drinking water. No follow up was needed and any high risk violations were corrected.
- *Issued* 39 onsite installation permits to verify compliance with onsite code for the protection of ground and surface water.

<i>The number of onsite sewage installation permits issued</i>				
2011	2010	2009	2008	2007
39	58	58	66	103

- *Inspected* 6 public swimming pools to assure safe and sanitary water recreation facilities. No facilities received follow-up inspections.
- *Conducted* 91 retail food establishment inspections to ensure safe food handling and to prevent foodborne illness at 68 food establishments.
- *Permitted* 102 temporary food events throughout Lincoln County. 61 temporary events received onsite inspections, 3 events were exempt from permitting requirements and 7 vendors received permits but did not attend.
- *Issued* 258 food handler permits.
- *Received* 31 calls at the Washington State Quit Line from Lincoln County residents wanting to quit using tobacco. The Quit Line offers free counseling and pharmacotherapy options when appropriate to callers.
- *Conducted* tobacco compliance checks on 14 tobacco retailers with 1 sale of tobacco to a minor. This gives Lincoln County a rate of 7.1% for sales to minors compared to the state's rate of 11.3%.

<i>The number of tobacco sales during tobacco compliance checks</i>				
2011	2010	2009	2008	2007
1	1	2	2	1



Quality & Efficient Operations

Assures the programs and projects are conducted at the highest standards for public health.

- *Participated* in regional Emergency Preparedness planning and response activities.
- *Trained* all staff on notifiable conditions, HIPAA/confidentiality, communicable disease and emergency response.
- *Provided* staff training for appropriate personnel on shipping and handling of bio-hazardous materials, immunizations, new vaccines, epidemiology of vaccine preventable diseases, professional updates in program areas for job improvement.
- *Collaborated* with Lincoln County Drug and Alcohol Center, local hospitals and clinics, Juvenile Court Services and Lincoln County Sheriff's Department.
- *Continued* the notifiable conditions quality improvement evaluation.
- *Participated* as part of the WSALPHO legislative committee to provide guidance and education to Washington State legislators on proposed legislation.
- *Participated* in Department of Health standards review and assessment and continued quality improvement work.



2011 Funding Source	Program		State Funds	Federal Funds	Contract Funds	Medicare Medicaid	LCDF DOH	LGFA Funds	5930 Funds	Local Funds	Fees
	FTE	Cost									
Administration	0.09	\$25,557			2,000					23,557	
Family & Individual Health											
Maternal/Infant/Child/Adolescent Health	0.31	\$29,530		20,066	105			9,359			
Oral Health Services	0.01	\$812						812			
Children with Special Health Care Needs	0.58	\$54,612		11,251	26,189			16,408		764	
WIC	1.07	\$80,965		73,648						7,317	
Other Family & Individual Health	0.22	\$17,524			13,727					3,797	
Communicable Disease											
Immunization (Includes Perinatal Hep B)	0.69	\$46,238		9,159		2,744			29,986		4,349
Tuberculosis	0.03	\$2,992					847	1,025			1,120
HIV/AIDS		\$94					94				
Other Communicable Disease	0.23	\$22,039							22,039		
Non-Communicable Disease											
Cardiovascular Risk Reduction	0.20	\$15,780					15,780				
Cancer Prevention and Control											
Tobacco Prevention and Control	1.09	\$82,598	2,303	50,000	1,125		5,195		23,975		
Other Non-Communicable Disease	0.02	\$2,254					2,264				
Environmental Health											
Drinking Water Quality	0.07	\$6,660	750	1,286						4,354	270
Solid & Hazardous Waste	0.11	\$39,969	37,108							2,261	600
OSS & Land Development	0.42	\$33,348								9,243	24,105
Vector	0.01	\$1,067								1,067	
Food	0.57	\$41,372								24,615	16,757
Living Environment	0.03	\$2,209								1,125	1,084
Other Environmental Health		\$371								371	
Other Public Health											
Vital Records	0.12	\$6,227								2,662	3,565
Laboratory	0.21	\$20,835								311	25,591
Assessment											
Assessment	0.12	\$8,120								8,120	
Public Health Planning and Response	0.46	\$44,840		30,445						14,395	
2011 TOTALS	6.66	\$586,023	\$40,161	\$195,855	\$43,146	\$2,744	\$24,180	\$27,604	\$76,000	\$103,959	\$77,441
2010 TOTALS	6.63	\$519,561	\$52,521	\$172,394	\$64,455	\$5,972	\$24,218	\$29,705	\$76,165	\$23,197	\$93,417
2009 TOTALS	6.98	\$535,019	\$70,211	\$166,717	\$48,273	\$3,717	\$24,276	\$29,705	\$95,225	\$13,662	\$91,671
2008 TOTALS	8.57	\$573,075	\$73,683	\$104,908	\$27,084	\$12,115	\$24,320	\$29,705	\$95,225	\$124,312	\$82,158



everyday!



5

servings of
fruits & veggies



4

glasses of
water

3



servings of
low fat dairy

2



hours (or less) of
screen time



1

hour of
physical activity

In partnership with:

North Basin Medical Clinics



Lincoln Hospital Dist. 3





Let's Go LinCo Kickoff: April 2012 Davenport Elementary





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PUBLIC HEALTH
ALWAYS WORKING FOR A SAFER AND
HEALTHIER WASHINGTON

