

**Lead Agency:** Health Department

**Program Contact:** Amy Sullivan

**Program Offer Type:** Existing Operating

**Related Programs:**

**Program Characteristics:** Climate Action Plan

### Executive Summary

Communicable Disease Services (CDS) protects the health of our community by responding to reportable communicable diseases with prompt disease investigation, and by limiting the spread of these diseases in the population through assuring treatment as needed. The program upholds and enforces Oregon state statutes requiring investigation of and response to dozens of reportable diseases varying from tuberculosis (TB) and pertussis to E. coli 0157 and anthrax. CDS responds 24/7 to events of public health importance.

### Program Description

CDS directly provides services that protect the health and safety of our community by limiting the spread of life-threatening infectious diseases through investigatory and clinical interventions. This type of work has been the backbone of public health for over 100 years. It includes investigations that find people who have been exposed to serious diseases, making sure they get the information and care they need to stay healthy. CDS provides education and screening to communities and assures access to medicine for people with diseases like TB. To ensure that healthcare providers can access appropriate diagnostic tests, CDS provides a link to state and national laboratories that test for rare pathogens. Our staff includes highly-trained public health nurses supported by health assistants, community health specialists, analysts, and administrative staff with knowledge of infectious disease transmission and state reporting rules. We are culturally and linguistically competent. The program works closely with other Health Department programs, including Environmental Health and the Office of the Health Officer and provides educational opportunities for public health and nursing students.

Examples of the types of work we do are as follows:

- Comprehensive TB prevention and control activities through clinic and home visits, nursing case management, and TB screening. This includes following up as directed by federal authorities with newly arrived refugees and immigrants who may have TB infection, and working with Portland homeless shelters to identify TB in this high-risk group.
- Epidemiologic investigation, health education, and provision of preventive health measures in response to reportable disease exposures and outbreaks, including collaboration with state, national, and international officials as needed, and with law enforcement when an intentional cause is suspected.
- Provision of occupational health measures related to blood-borne pathogens, TB exposure, and post-exposure prophylaxis for county employees to meet county OSHA requirements.

CDS supports the Climate Action Plan through public health surveillance of emerging pathogens like *Vibrio* spp. and West Nile Virus. (CAP Action Items: 17-1, 17-2, and 17-3 per CDS's role in adaptation assessment and planning as a key stakeholder).

### Performance Measures

Measure Type	Primary Measure	Previous Year Actual (FY10-11)	Current Year Purchased (FY11-12)	Current Year Estimate (FY11-12)	Next Year Offer (FY12-13)
Output	Disease report responses	5,707	4,000	5,100	5,100
Outcome	Meningococcal disease case contacts receiving recommendation or prescription	100.0%	100.0%	100.0%	100.0%
Quality	Proportion of cases investigations completed within 14 days (goal, 80%)	0.0%	0.0%	78.0%	80.0%
Quality	TB patients completing treatment within 12 mos. as set by Oregon & CDC	100.0%	90.0%	95.0%	90.0%

### Performance Measure - Description

✓ **Measure Changed**

1) Output-All disease reports and suspect case referrals received, processed, and responded to, per state ORPHEUS database. 2) Outcome-Reflects effectiveness of case contact investigation/response in life threatening disease. 3)& 4) Quality-Measures reflect standards and are reported to the state for CD case investigations and TB patients completing treatment within 12 months as set by Oregon and CDC; investigation timeframes can not be measured in ORPHEUS (initiated April 7, 2011); completion of case investigations excludes Pertussis and reportable diseases not requiring investigation. \*To 4/6/11.

## Legal/Contractual Obligation

1) OAR 333-018 and 019: Disease Reporting and investigation and Control of Diseases, Oregon Health Services and CLHO. BT/CD & TB Assurances; OAR 437: OR-OSHA: Bloodborne Pathogens 1910.1030. 2) CDC: Immunization of Health-Care Workers, Vol. 46/RR-18. 3) CDC: Guidelines for Preventing the Transmission of TB in Health-Care Facilities, Vol. 43/RR-13.

## Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
<b>Program Expenses</b>	2012	2012	2013	2013
Personnel	\$2,154,106	\$828,128	\$2,104,156	\$793,310
Contracts	\$0	\$39,534	\$0	\$40,254
Materials & Supplies	\$6,994	\$91,073	\$10,580	\$85,215
Internal Services	\$200,705	\$278,516	\$169,514	\$334,969
Total GF/non-GF:	<b>\$2,361,805</b>	<b>\$1,237,251</b>	<b>\$2,284,250</b>	<b>\$1,253,748</b>
Program Total:	<b>\$3,599,056</b>		<b>\$3,537,998</b>	
Program FTE	20.74	7.83	20.43	7.75
<b>Program Revenues</b>				
Indirect for dep't Admin	\$73,973	\$0	\$77,762	\$0
Fees, Permits & Charges	\$0	\$34,284	\$0	\$47,399
Intergovernmental	\$0	\$1,151,651	\$0	\$1,137,063
Other / Miscellaneous	\$0	\$51,316	\$0	\$69,286
<b>Total Revenue:</b>	<b>\$73,973</b>	<b>\$1,237,251</b>	<b>\$77,762</b>	<b>\$1,253,748</b>

## Explanation of Revenues

Communicable Disease Prevention & Control is funded by an intergovernmental agreement between Multnomah County as the Local Public Health Authority (LPHA) and the Oregon Health Authority that includes both state and federal funds. Other funding includes direct federal grants, patient fees for occupational health services, and county general fund. Hepatitis C Registry funding was eliminated effective December 2011, and will not be renewed. In FY13 \$38,159 is budgeted as one-time only funding, and will end in October. No replacement funding has been identified.

TB Outreach grant: \$25,422  
Refugee grant: \$100,000  
State of Oregon LPHA: \$1,002,230  
Patient Fees: \$126,096  
County general fund: \$2,284,250

## Significant Program Changes

**Last year this program was:** #40010, Communicable Disease Prevention & Control

To maintain effectiveness in the face of reduced funding from county, state, and federal sources we are proposing to change our workflows and guidelines to integrate LPN-level nurses into provision of clinical services and adding a non-nursing investigations position to support existing CHN positions in the investigation of chronic hepatitis cases.