

Lead Agency: Health Department

Program Contact: Amy Sullivan

Program Offer Type: Existing Operating

Related Programs:

Program Characteristics: In Target, 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. We uphold and enforce Oregon state statues requiring investigation of and response to dozens of reportable diseases varying from tuberculosis (TB) and pertussis to E. coli 0157 and anthrax. We respond 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 clinical and investigatory 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, to get them the information and care they need to stay healthy. To prevent these diseases before they start, we work with communities to provide education and screening. For people who have diseases like TB, we assure access to medicine. To ensure that appropriate diagnostic tests are available to healthcare providers, we provide a link to state and national laboratories that test for rare pathogens.

Our staff has 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, speaking several languages. We work closely with other Health Department programs, including Environmental Health and the Office of the Health Officer; and provide educational opportunities for public health and nursing students to develop tomorrow's public health professionals. Examples of the types of work we do are as follows:

- Comprehensive TB prevention and control activities provided 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.

This program offer supports the Climate Action Plan because of its work in surveying emerging diseases related to climate change, such as food borne illness-specifically GI diseases caused by Vibrio- and other pathogens. CAP Action items: 17-1, 17-2 and 17-3 per CD's role in adaptation assessment and planning as a key stakeholder.

Performance Measures

| Measure Type | Primary Measure | Previous Year Actual (FY09-10) | Current Year Purchased (FY10-11) | Current Year Estimate (FY10-11) | Next Year Offer (FY11-12) |
|--------------|--|--------------------------------|----------------------------------|---------------------------------|---------------------------|
| Output | Disease report responses | 4,156 | 0 | 4,046 | 4,000 |
| Outcome | Meningococcal disease case contacts receiving recommendation or prescription | 100.0% | 100.0% | 100.0% | 100.0% |
| Quality | CD case investigation started within timeframes set by Oregon PH & CDC: goal 90% | 98.0% | 90.0% | 98.4% | 90.0% |
| 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. 2) Outcome-Reflects effectiveness of case contact investigation and response to life threatening diseases. 3) 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: standard 90%.

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 |
|--------------------------|-----------------------|----------------------|-----------------------|----------------------|
| Program Expenses | 2011 | 2011 | 2012 | 2012 |
| Personnel | \$1,998,937 | \$937,046 | \$2,154,106 | \$828,128 |
| Contracts | \$121,102 | \$25,270 | \$0 | \$39,534 |
| Materials & Supplies | \$13,352 | \$256,889 | \$6,994 | \$91,073 |
| Internal Services | \$139,980 | \$488,664 | \$200,705 | \$278,516 |
| Total GF/non-GF: | \$2,273,371 | \$1,707,869 | \$2,361,805 | \$1,237,251 |
| Program Total: | \$3,981,240 | | \$3,599,056 | |
| Program FTE | 18.18 | 9.64 | 20.74 | 7.83 |
| Program Revenues | | | | |
| Indirect for dep't Admin | \$101,537 | \$0 | \$73,973 | \$0 |
| Fees, Permits & Charges | \$0 | \$10,476 | \$0 | \$34,284 |
| Intergovernmental | \$0 | \$1,611,570 | \$0 | \$1,151,651 |
| Other / Miscellaneous | \$0 | \$85,823 | \$0 | \$51,316 |
| Total Revenue: | \$101,537 | \$1,707,869 | \$73,973 | \$1,237,251 |

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 State of Oregon Public Health Services that includes both state and federal funds, federal TB Outreach grant, patient fees for occupational health service, and county general fund.

TB Outreach grant: \$22,629
State of Oregon LPHA: \$1,129,022
Patient fees: \$85,600
County general fund: \$2,361,805

Significant Program Changes

✔ Significantly Changed

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

The Travel Clinic was started in 2001 in order to fill a gap in travel services availability. However, the environment of offering travel services has changed considerably in the last few years. Changes include an increased number of private travel medicine providers in the metro-area, and a weak economy that has led to reduced international travel by the general public. Because of these changes, the Traveler's Clinic closed in July 2010.

Also, due to a renewed emphasis on providing core public health services, CDS has increased its response to communicable disease exposure and outbreaks, thus limiting the spread of infectious diseases through clinical and investigatory intervention. As a result of these changes, CDS has a net decrease of \$382,184 and a net increase of 0.75 FTE.