

**Program #40010 - Communicable Disease Prevention and Control** 2/19/2015

**Department:** Health Department **Program Contact:** Amy Sullivan  
**Program Offer Type:** Existing Operating Program **Program Offer Stage:** As Requested  
**Related Programs:** 40014  
**Program Characteristics:** In Target

**Executive Summary**

Communicable Disease Services protects the health of our community by responding to reportable communicable diseases with prompt disease investigation, and by limiting the spread of these diseases by assuring treatment as needed. We uphold Oregon state statutes requiring investigation of and response to dozens of reportable diseases, from tuberculosis (TB) and pertussis to E. coli O157 and suspected Ebola. We respond 24/7 to events of public health importance.

**Program Summary**

Communicable Disease Services (CDS) directly provides services that limit the spread of life-threatening infectious diseases using tools that have been the backbone of public health for over 100 years. Our vision is to be a trusted community resource that protects the people of Multnomah County from communicable diseases. We conduct investigations that find people who have been exposed to serious diseases, to make sure they can get 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 already got disease like TB, we assure access to medicine. For healthcare providers, we assure the availability of appropriate diagnostic testing by providing a link to state and national laboratories that test for rare pathogens. We also serve as the frontline of an international system to track communicable disease threats, collecting and analyzing essential information that is shared with our state and the Centers for Disease Control and Prevention.

Our culturally diverse staff includes highly-trained public health nurses, epidemiologists, community health specialists, analysts, and administrative staff with knowledge of infectious disease transmission and state reporting rules. We work closely with other Health Department programs, including Environmental Health and the Office of the Health Officer; and provide educational opportunities for tomorrow's public health professionals. Our work encompasses support for newly arriving refugees, who are disproportionately affected by communicable diseases that are common in their countries of origin. The expertise in our program is also essential for supporting the Health Department's Emergency Response Plan and 24/7 response capacity.

Examples of our work include the following: Comprehensive TB prevention and control activities provided through clinic and home visits, nursing case management, and TB screening; epidemiologic investigation and provision of preventive health measures in response to reportable disease exposures and outbreaks; response planning and implementation for emerging infectious diseases like Ebola and MERS; public health disease surveillance and analysis to track the communicable disease threats in our community; and provision of OSHA-mandated blood-borne pathogens training and health screenings for county employees. We perform this work with values of innovation, collaboration, diversity, teamwork, excellence, and accountability.

**Performance Measures**

Measure Type	Primary Measure	FY14 Actual	FY15 Purchased	FY15 Estimate	FY16 Offer
Output	Disease report responses	6,691	5,800	7,050	6,800
Outcome	Meningococcal disease case contacts receiving recommendation or prescription	No contacts	100%	100%	100%
Quality	TB patients completing treatment within 12 months	100%	90%	90%	90%

**Performance Measures Descriptions**

1) Output: All disease reports and suspect case referrals received, processed, and responded to. 2) Outcome: Reflects effectiveness of case contact investigation in response to life-threatening diseases. 3) Quality: Measure reflect standards, and are reported to the state for TB patients completing treatment within 12 months as set by Oregon & CDC (standard 90%).

## Legal / Contractual Obligation

ORS Chapters 433, multiple sections

OAR 333-012-0065: Epidemiology and Accident Investigation and Reporting

OAR 333, Division 17, 18 and 19: Disease Control, Disease Reporting, and Investigation and Control of Diseases. OAR 333-026-0030: Civil Penalties for Violations of OAR Chapter 333, Divisions 18 and 19

OAR 437: OR-OSHA: Bloodborne Pathogens 1910.1030. CDC recs: Immunization of Health-Care Workers, Vol. 46/RR-18; Guidelines for Preventing the Transmission of TB in Health-Care Facilities, Vol. 43/RR-13.

Oregon Local Health Department Program Elements PE 01, PE 03, PE 25, PE 43. Oregon Health Services and CLHO BT/CD & TB Assurances

## Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2015	2015	2016	2016
Personnel	\$1,918,092	\$947,522	\$2,683,884	\$567,711
Contractual Services	\$6,125	\$36,891	\$32,211	\$25,020
Materials & Supplies	\$13,138	\$80,410	\$17,449	\$75,407
Internal Services	\$423,665	\$124,471	\$0	\$538,240
<b>Total GF/non-GF</b>	<b>\$2,361,020</b>	<b>\$1,189,294</b>	<b>\$2,733,544</b>	<b>\$1,206,378</b>
<b>Program Total:</b>	<b>\$3,550,314</b>		<b>\$3,939,922</b>	
<b>Program FTE</b>	18.64	8.06	23.86	5.64

Program Revenues				
Indirect for Dept. Admin	\$73,694	\$0	\$62,880	\$0
Intergovernmental	\$0	\$1,038,142	\$0	\$1,037,487
Other / Miscellaneous	\$0	\$107,299	\$0	\$160,474
Service Charges	\$0	\$43,852	\$0	\$8,417
<b>Total Revenue</b>	<b>\$73,694</b>	<b>\$1,189,293</b>	<b>\$62,880</b>	<b>\$1,206,378</b>

## Explanation of Revenues

The program offers is funded by federal and state grants, client fees, and general fund. Federal and state grants support best practices (e.g., TB evaluations and LTBI treatment support for newly arriving refugees) and expanded public health surveillance activities (e.g., Metropolitan Area Pertussis Surveillance) that build upon our statutory responsibilities. Internal service reimbursements are for occupational health services provided to county employees and volunteers.

State of Oregon LPHA (Direct State and Federal through State): \$927,487

Refugee Health Promotion (Direct Federal): \$110,000

Medical Fees: \$168,891

## Significant Program Changes

**Last Year this program was:** FY 2015: 40010A Communicable Disease Prevention and Control

The complexity of our infectious disease work has greatly increased in recent years, with more demanding communicable disease investigation expectations and the case management challenges posed by multi-drug resistant strains of TB. We are also expanding outreach to groups disproportionately affected by infectious diseases, including support for newly arrived refugees. Our rapidly changing environment requires nimble, well-trained staff who can provide consistent leadership in complex investigation and response activities. We added two new positions in FY15 - a Community Health Nurse and an Epidemiologist Sr (pending class approval) - for strengthening case and outbreak investigation capabilities and improving local disease response capacity. This budget also incorporates the FY15 addition of a Refugee Health Coordinator (FY 2015 #40010B).