Multnomah County Program #40010A - Con	nmunicable Disease Prevention ar	nd Control	2/24/2014
Department:	Health Department	Program Contact: Amy Sullivan	
Program Offer Type:	Existing Operating Program	Program Offer Stage: As Requested	
<b>Related Programs:</b>	40014		
Program Characteristic	s: In Target		

**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 statutes 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 Summary**

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. 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 already have diseases 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.

Our CDS staff are highly-trained public health nurses, epidemiologists, community health specialists, analysts, and administrative support with knowledge of infectious disease transmission and state reporting rules. We come from many different cultural groups and speak a total of 14 languages. We work closely with other Health Department programs, including Environmental Health and the Office of the Health Officer, and provide educational opportunities to help develop tomorrow's public health professionals. The expertise in our program is essential for supporting the Health Department's Emergency Response Plan and 24/7 response capacity.

Measure Type	Primary Measure	FY13 Actual	FY14 Purchased	FY14 Estimate	FY15 Offer
Output	Disease report responses	6,017	6,400	6,200	5,800
Outcome	Meningococcal disease case contacts receiving recommendation or prescription	100%	100%	100%	100%
Quality	TB patients completing treatment within 12 months	95%	90%	95%	90%

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-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	2014	2014	2015	2015
Personnel	\$2,205,170	\$644,911	\$1,854,976	\$947,522
Contractual Services	\$0	\$41,108	\$6,125	\$36,891
Materials & Supplies	\$7,654	\$98,240	\$10,408	\$80,410
Internal Services	\$48,896	\$476,019	\$421,977	\$124,471
Total GF/non-GF	\$2,261,720	\$1,260,278	\$2,293,487	\$1,189,294
Program Total:	\$3,521,998		\$3,482,780	
Program FTE	20.77	4.88	18.14	8.06

Program Revenues				
Indirect for Dept. Admin	\$74,066	\$0	\$73,694	\$0
Intergovernmental	\$0	\$1,109,749	\$0	\$1,038,142
Other / Miscellaneous	\$0	\$105,299	\$0	\$107,299
Service Charges	\$0	\$45,230	\$0	\$43,852
Total Revenue	\$74,066	\$1,260,278	\$73,694	\$1,189,293

# **Explanation of Revenues**

The program offers is funded by federal and state grants in addition to patients fees.

Federal and state grants support best practices (e.g., TB evaluations and LTBI treatment support for newly arriving refugees; Hepatitis B screening and Linkage to care for foreign-born residents) and expanded public health surveillance activities (e.g., Metropolitan Area Pertussis Surveillance) that build upon our statutory responsibilities. County general fund: \$2,293,487 State of Oregon LPHA: \$915,890 Medical Fees: \$151,151 Refugee grant, Hepatitis B grant: \$122,252

## **Significant Program Changes**

Last Year this program was: 40010 Communicable Disease Prevention and Control

The complexity of our infectious disease caseload has increased in recent years, with increasing communicable disease cluster investigations and case management for infectious TB patients with multidrug resistant (MDR and XDR) strains of TB. This rapidly changing environment requires a nimble, well-trained staff who can provide consistent leadership in complex investigation and response activities. We are adding a 1.0 FTE Epidemiologist to strengthen case and outbreak investigation capabilities.