

Lead Agency: Health Department

Program Contact: Robert Johnson

Program Offer Type: Existing Operating

Related Programs:

Program Characteristics: Climate Action Plan

Executive Summary

The Community Epidemiology Services (CES) program provides core public health functions to all Community Health Services (CHS) programs. These activities are the "front line" governmental public health essential services required by all CHS programs serving county residents. They include:

- epidemiologic surveillance and outbreak response
- population health data collection and analysis
- application of best and promising evidence-based practices in public health
- effective financial management and fiscal accountability
- quality improvement and performance management
- supportive and strategic communications and health alerts

Program Description

The Community Epidemiology Services (CES) program provides the Department's core public health services to CHS programs. Population data are analyzed to assist programs in optimizing quality and accountability to the communities they serve. CHS programs provide clinical, technical, field-based outreach, and community engagement functions across diverse professional disciplines such as medicine, nursing, public health inspections (food and water), entomology (vector control), and health promotion. These programs must operate in compliance with a substantial body of public health and environmental statutes and ordinances to monitor and control disease. Accurate collection and analysis of programmatic, epidemiological, and environmental data is essential to focus resources on preventing disease and promoting health in vulnerable populations. The CES unit leads CHS programs in implementation of efficient and safe service delivery, coordinated public health data, epidemiologic analysis, and coordinated communication activities. CES optimizes resources to assure quality and effectiveness of clinical services, data management, and prevention projects. The program provides demographic data for strategic program planning and to assist our community partners in coordinating efforts. Outbreak response is provided through epidemiologic support, statistical modeling, and standardized Investigative Guidelines. CES also supports the Department with implementation of best practices, coordination with prioritized County initiatives, and Public Health Accreditation. This program assures that all CHS services align with the Multnomah County Health Department Strategic Plan.

This program offer is directly related to the Climate Action Plan because of its vital function of epidemiological surveillance and analysis. Action items are 17-1, 17-2, 17-3 as a key stakeholder in adaptation planning and assessment.

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	Quality Improvement methods training for identified priority CHS programs	7	9	9	12
Outcome	Timely epidemiology surveillance reports detect unusual public health events	100.0%	100.0%	90.0%	100.0%
Quality	Population data projects completed on time	100.0%	90.0%	95.0%	90.0%

Performance Measure - Description

Three of the major essential public health services provided by CES to CHS programs are epidemiologic surveillance and analysis, population health data management, and quality improvement.

Legal/Contractual Obligation

Oregon Revised Statutes (ORS) 431.416 Local public health authority duties

- (a) Epidemiology and control of preventable diseases and disorders
- (b) Parent and child health services
- (c) Collection and reporting of health statistics
- (d) Health information and referral services
- (e) Environmental health services

Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2012	2012	2013	2013
Personnel	\$489,245	\$0	\$493,438	\$0
Contracts	\$50,000	\$0	\$9,000	\$0
Materials & Supplies	\$47,120	\$0	\$32,024	\$0
Internal Services	\$47,000	\$0	\$67,325	\$0
Total GF/non-GF:	\$633,365	\$0	\$601,787	\$0
Program Total:	\$633,365		\$601,787	
Program FTE	4.30	0.00	4.40	0.00
Program Revenues				
Total Revenue:	\$0	\$0	\$0	\$0

Explanation of Revenues

Community Epidemiology Services is funded with county general fund, \$601,787.

Significant Program Changes

Last year this program was: #40048, Community Epidemiology Services

Staff has increased focus on MCH strategic planning within the Department. The Quality Manager position was tasked to perform additional duties as MCH Coordinator.

Communications activities address acute disease outbreak messaging (e.g. pertussis/whooping cough or tuberculosis in schools and day care settings) and supporting public health alerts and other reports. Communication staff in this program offer consists of a 0.8 FTE web specialist that supports the public messaging mentioned above within the Health Department.