



**Program #40048 - Community Epidemiology**

5/2/2022

**Department:** Health Department **Program Contact:** Kim Toevs  
**Program Offer Type:** Existing Operating Program **Program Offer Stage:** As Proposed  
**Related Programs:**  
**Program Characteristics:**

**Executive Summary**

Community Epidemiology Services (CES) performs the public health foundational role of assessment and epidemiology. CES collaborates with partners to determine the magnitude of disease, disorder, and injury burden among community populations; identify the determinants of health and disease; evaluate the impact of public health interventions; and assess the status of health equity to guide decisions made by public health leaders and programs, policy makers, clinicians, and community. Key components of CES' approach are working to decolonize data processes and directly engaging with BIPOC communities to make meaning of the data.

**Program Summary**

Community Epidemiology Services (CES) fulfills a unique and required governmental public health role by collecting and analyzing programmatic, population health, and environmental data to prevent disease, and promote and protect health of county residents. CES works closely with the Communicable Disease Services program to provide outbreak response through data analysis support, statistical modeling, and standardized investigative guidelines. CES has been instrumental in analyzing COVID-19 data to inform interventions and policy and developing best practices for accurately and equitably assessing COVID-19 data by race/ethnicity. CES also provides assessment and epidemiological services across Public Health, including the additional areas of chronic disease, violence and injury, parent/child health, environmental exposures, social determinants of health, and health equity.

Key CES functions include: 1) Providing support in quantitative and qualitative methods; traditional epidemiological analysis; social epidemiology; and equity-focused and trauma-informed methods in research, evaluation, and data management. 2) Informing program and policy through reports on population and health system data to support program development, strategic planning, resource allocation, decision-making, and community priorities (including community-based participatory research). CES evaluates whether programs and policies are effective by collaborating with Public Health programs and partners. 3) Disseminating analytic findings through data reports; peer-reviewed scientific manuscripts; policy briefs; web-based reports and platforms, such as the interactive Regional COVID-19 Data Dashboard; and presentations to County and State leadership, programs, and community partners. 4) Providing leadership across the Public Health Division in using data to identify and assess racial/ethnic and other health disparities with an equity lens that centers community wisdom and voice. 5) Decolonizing data and working with BIPOC communities to make meaning of data.

**Performance Measures**

Measure Type	Primary Measure	FY21 Actual	FY22 Budgeted	FY22 Estimate	FY23 Offer
Output	# of data-related community collaborations that involve all partners and combine data with action	9	8	9	9
Outcome	# of reports monitoring health status through surveillance, assessment, & community engagement	8	N/A	10	9
Outcome	# of analytic and reporting platforms to monitor COVID responses and health status of vulnerable populations	7	7	7	7

**Performance Measures Descriptions**

## Legal / Contractual Obligation

Oregon Revised Statutes (ORS) 431.413 - Powers and Duties of Local Public Health Departments: (a) Administer and enforce ORS 431.001-431.550 and 431.990. Of these required ORS-defined duties, this program administers key elements of ORS 431.132: Assessment and Epidemiology.

## Revenue/Expense Detail

	Adopted General Fund	Adopted Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2022	2022	2023	2023
Personnel	\$0	\$0	\$1,237,170	\$221,229
Materials & Supplies	\$0	\$0	\$10,840	\$2,480
Internal Services	\$0	\$0	\$111,468	\$42,301
<b>Total GF/non-GF</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,359,478</b>	<b>\$266,010</b>
<b>Program Total:</b>	<b>\$0</b>		<b>\$1,625,488</b>	
<b>Program FTE</b>	0.00	0.00	7.17	1.48

Program Revenues				
Intergovernmental	\$0	\$0	\$0	\$266,010
<b>Total Revenue</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$266,010</b>

## Explanation of Revenues

This program generates \$29,733 in indirect revenues.  
\$266,010 - OHA Public Health Modernization

## Significant Program Changes

### Last Year this program was:

In FY23, 5.78 FTE was moved from 40096A Public Health Office of the Director to this program offer. In FY23, the program has an increase in revenue via Oregon Health Authority Public Health Modernization grant funds (\$266,010) and County General Fund (\$220,609), resulting in an additional 2.87 FTE.