

Department: Health Department **Program Contact:** Dr. Frank Franklin
Program Offer Type: Existing Operating Program **Program Offer Stage:** As Adopted
Related Programs: 40096
Program Characteristics:

Executive Summary

Community Epidemiology Services (CES), within the Office of the Director, addresses the foundational capability of Assessment and Epidemiology. In support of data-driven planning, policy, and decision-making, CES identifies the magnitude of disease, disorder, and injury burden among community populations to guide decisions made by public health leaders, policy makers, clinicians, and community members. CES collaborates with partners to identify the determinants of health and disease, characterize the impact of public health interventions, and assess the status of health equity.

Program Summary

Community Epidemiology Services (CES) addresses the foundational capability of Assessment and Epidemiology, and supports other foundational capabilities. 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 includes Program Design and Evaluation Services (PDES), a unit shared between PHD and the Oregon Health Authority. PDES provides program and policy evaluation support to PHD, State public health, and other agencies, conducts applied public health research on key emerging issues, and collaborates with partners to improve community health, shape public policy, and reduce health inequities. CES functions include:

- 1) Coordinated public health data and epidemiologic analysis: identifies appropriate analytical approaches, assures the use of high quality data for analysis, and provide technical, scientific oversight and leadership for research and assessment work in the PHD. CES provides support in quantitative and qualitative methods, guidance in the areas of traditional epidemiological analysis, social epidemiology, and equity-focused and trauma-informed methods in research and evaluation, and data management. CES works closely with the Communicable Disease Services program to provide outbreak response through data analysis support, statistical modeling, and standardized investigative guidelines.
- 2) Informing program and policy: CES provides, analyzes, and 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 provides public health practice recommendations to PHD leadership based on needs identified from local data and evidence-based and promising practices identified through literature review. CES serves a key role in evaluating whether programs and policies are effective by collaborating with PHD programs and partners. Examples include PHD chronic disease and violence prevention programs, Pacific Islander Community Coalition, Health Share, and other local health departments.
- 3) Disseminating analytic findings: CES shares findings through public health data reports, peer-reviewed scientific manuscripts, policy briefs, web-based reports, and presentations to County and State leadership, programs, and community partners. Examples include the County Maternal Child and Family Health Data Book, Report Card on Racial and Ethnic Disparities, data briefs on emerging policy issues, and leading causes of death and disability presentations to the Board of Health.

Performance Measures

Measure Type	Primary Measure	FY18 Actual	FY19 Purchased	FY19 Estimate	FY20 Offer
Output	Number of data-related community collaborations that involve all partners and combine data with action.	14	15	14	13
Outcome	Number of reports monitoring health status through surveillance, assessment, & community engagement.	17	18	14	12

Performance Measures Descriptions

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

Program Design and Evaluation Services (PDES) is primarily grant funded, and program continuation is required by grant.

Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2019	2019	2020	2020
Personnel	\$1,028,619	\$998,052	\$1,072,382	\$1,172,922
Contractual Services	\$99,195	\$285,000	\$18,350	\$301,524
Materials & Supplies	\$99,032	\$39,140	\$78,819	\$35,213
Internal Services	\$102,921	\$125,854	\$138,481	\$134,810
Total GF/non-GF	\$1,329,767	\$1,448,046	\$1,308,032	\$1,644,469
Program Total:	\$2,777,813		\$2,952,501	
Program FTE	6.10	6.48	5.69	7.07

Program Revenues				
Intergovernmental	\$0	\$1,448,046	\$0	\$1,644,469
Total Revenue	\$0	\$1,448,046	\$0	\$1,644,469

Explanation of Revenues

State Local Public Health Authority IGA: \$ 792,945
State Of Alaska: \$ 579,000
State Office of Multicultural Health: \$ 155,000
AK Chronic Retainer: \$ 61,000
Public Health Modernization: \$ 56,524

Significant Program Changes

Last Year this program was: FY 2019: 40048A-19 Community Epidemiology