

Program #40048 - Community Epidemiology FY 2025 Proposed

Department: Health Department **Program Contact:** Dr. Julie Maher
Program Offer Type: Operating **Program Offer Stage:** Proposed
Related Programs:
Program Characteristics:

Executive Summary

Program Design and Evaluation Services (PDES) performs the public health foundational role of assessment and epidemiology. PDES collaborates with partners to determine the magnitude of disease, disorder, injury burden among community populations; identify determinants of health and disease; evaluate the impact of public health interventions; assess the status of health equity to guide decisions made by public health leaders, programs, policy makers, clinicians, and community. Key components of PDES' approach are working to engage with community partners to make meaning of the data.

Program Description

PDES is an applied public health research, evaluation, and epidemiology unit shared between the Health Department's Public Health Division (PHD) and the Oregon Health Authority. PDES includes PHD's Community Epidemiology Services (CES) team. CES fulfills a unique and required governmental public health role by collecting and analyzing population health data to prevent disease and promote and protect the health of county residents. CES provides assessment and epidemiological services across PHD, including the areas of chronic disease, violence and injury, parent/child health, environmental exposures, social determinants of health, and health equity. CES works particularly closely with the Communicable Disease Services program to provide outbreak response through data analysis support and statistical modeling.

Key CES functions include: 1) Providing support in quantitative and qualitative methods; traditional epidemiological analysis; social epidemiology; and equity-focused and trauma-informed methods for data collection and analyses; 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); 3) Disseminating analytic findings through data reports; peer-reviewed scientific manuscripts; policy briefs; web-based reports and platforms; and presentations to County and State leadership, programs, and community partners; 4) Providing leadership across PHD in using data to assess racial/ethnic and other health disparities in collaboration with community partners; 5) Developing and implementing decolonizing data methods and working with community partners to make meaning of data.

In addition to this work of their CES team, PDES secures about \$6 million annually in grants and contracts to provide program and policy evaluation services to the county PHD, OHA and other agencies, and to conduct public health research projects on key emerging issues. PDES evaluates whether PHD programs and policies are effective, collaborating with partners to identify areas for improvement and highlight successes (e.g., Healthy Birth Initiative, REACH, and PREVAYL).

Performance Measures

Measure Type	Performance Measure	FY23 Actual	FY24 Budgeted	FY24 Estimate	FY25 Target
Output	# of community engagements and collaborations (presentations, listening sessions, briefings, etc.)	N/A	N/A	N/A	10
Outcome	# of health data reports (including publications, web pages, and other public-facing data provision)	N/A	N/A	N/A	9
Outcome	# of diseases, conditions, or risk behaviors for which routine surveillance or survey analysis was conducted	N/A	N/A	N/A	40
Outcome	# of dissemination products (presentations, briefs, reports, manuscripts) created for PDES evaluation	N/A	20	47	30

Performance Measures Descriptions

Three performance measures were added for FY25 to better reflect the work of CES. Two of the new measures provide better specificity regarding the type of data products included in each measure, and the third relates to the number of diseases or conditions routinely tracked by CES. A previous performance measure related to Covid monitoring was removed.

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.

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

Revenue/Expense Detail

	Adopted General Fund	Adopted Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2024	2024	2025	2025
Personnel	\$1,475,101	\$2,444,003	\$1,525,099	\$2,639,000
Contractual Services	\$0	\$2,117,854	\$0	\$1,548,914
Materials & Supplies	\$22,266	\$128,511	\$36,490	\$115,674
Internal Services	\$118,340	\$369,359	\$123,365	\$514,321
Total GF/non-GF	\$1,615,707	\$5,059,727	\$1,684,954	\$4,817,909
Program Total:	\$6,675,434		\$6,502,863	
Program FTE	8.01	14.24	7.45	13.91

Program Revenues				
Intergovernmental	\$0	\$5,059,727	\$0	\$4,817,909
Total Revenue	\$0	\$5,059,727	\$0	\$4,817,909

Explanation of Revenues

This program generates \$445,302 in indirect revenues.

OHA LPHA(State Funding): \$1,903,477

Fed Thru State Injury Prevention \$28,623

Natl Institutes of Health: \$358,178

CDC Disparities Grant: \$2,123,098

Direct Other \$404,533

Significant Program Changes

Last Year this program was: FY 2024: 40048 Community Epidemiology

Last year Program Design and Evaluation Services were in program offer 40096A.