



Program #40008 - Vector-Borne Disease Prevention and Code Enforcement FY 2025 Proposed

Department: Health Department **Program Contact:** Jeff Martin
Program Offer Type: Operating **Program Offer Stage:** Proposed
Related Programs:
Program Characteristics:

Executive Summary

The Vector program protects the public from emerging and imminent vector-borne diseases by monitoring, collecting, and testing mosquitoes, birds, and rats, and enforcing health-based nuisance codes. Climate changes in the Northwest (warming winter temperatures, increase in rainfall, and urban landscape management) will increase the risk of vector-borne diseases. This program addresses this increased risk by anticipating and responding to observed changes.

Program Description

Vector Control and Code Enforcement are core public health services that protect the public from diseases carried by and transmitted via contact with animals, using World Health Organization and Center for Disease Control best practices. This is accomplished through:

Mosquito Control - suppression of mosquito populations to lower the risk of West Nile Virus and other mosquito-borne viruses and reducing the mosquito development habitat through water and vegetation management.

Disease Surveillance - collection, identification, and laboratory analysis of mosquitoes, birds, and rats to identify diseases and monitoring the spatial and temporal distribution of species to determine at-risk areas and populations.

Rodent Control – performing complaint-based inspections for property owners and businesses and providing education and free abatement materials.

Nuisance Code Enforcement - addressing public health code violations, investigating and removal of illegal dumping, and enforcement of city codes regarding livestock.

Outreach and Education - attend fairs, festivals, and activities throughout the county with a focus on events in areas that are in low income neighborhoods or communities of color to provide education and resources in multiple languages on protection from vector-borne disease.

Performance Measures

Measure Type	Performance Measure	FY23 Actual	FY24 Budgeted	FY24 Estimate	FY25 Target
Output	Number of rodent inspections conducted	289	700	700	500
Outcome	Number of service referrals that improve vector abatement	101	75	75	100
Output	Number of acres treated for mosquitoes	2,935	2,000	2,000	4,500
Quality	Inspection and monitoring of mosquito producing sites	907	600	600	800

Performance Measures Descriptions

1) Rodent inspections are generated by submitted complaints. 2) Mosquito referrals are complaint-based and use integrated pest management strategies for abatement, which include education, removal of development site(s), and biological and chemical treatments. 3) Pulled from database and pesticide use numbers. 4) Pulled from surveillance records.

Legal / Contractual Obligation

Legal mandates are ORS 452 Vector Control, OAR 333-018 Communicable Disease and Reporting, OAR 333-019 Communicable Disease Control, OAR 603-052 Pest and Disease Control, OAR 603-057 Pesticide Control, 1968 Agreement City of Portland and Multnomah County, MCC Chapter 15 Nuisance Control Law, PCC Title 8.40 Rodent Control, PCC Title 8.44 Insect Control, PCC Title 29 Property Maintenance Regulations, NPDES General Aquatic Permit for Mosquito Control 2300A

Revenue/Expense Detail

	Adopted General Fund	Adopted Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2024	2024	2025	2025
Personnel	\$1,716,147	\$0	\$1,823,269	\$0
Contractual Services	\$62,355	\$0	\$79,009	\$0
Materials & Supplies	\$176,185	\$0	\$176,146	\$0
Internal Services	\$332,958	\$0	\$459,510	\$0
Total GF/non-GF	\$2,287,645	\$0	\$2,537,934	\$0
Program Total:	\$2,287,645		\$2,537,934	
Program FTE	12.10	0.00	12.10	0.00

Program Revenues				
Fees, Permits & Charges	\$342,446	\$0	\$343,441	\$0
Total Revenue	\$342,446	\$0	\$343,441	\$0

Explanation of Revenues

\$ 277,000- City of Portland BES Vector Control Rats
\$ 66,441 - City of Portland Specified Animals

Significant Program Changes

Last Year this program was: FY 2024: 40008 Vector-Borne Disease Prevention and Code Enforcement

In FY 2023 early seasonal flooding in combination with the loss of aerial application services resulted in another historic year for mosquito abundance for FY 2024.