



# East County Fire and Rescue

600 NE 267th Avenue Camas, WA 98607

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[www.ecfr.us](http://www.ecfr.us)



## Community Risk Assessment (CRA)

### Purpose

The purpose of this Community Risk Assessment (CRA) is to identify and evaluate the risks present within East County Fire and Rescue's service area and to inform decisions related to deployment, staffing, training, and resource allocation.

This assessment is based on historical incident data, community characteristics, and operational experience.

### Community Overview

East County Fire and Rescue serves approximately 60 square miles in the southeast portion of Clark County, Washington, including the unincorporated areas of Camas, and Washougal. The District serves a population of approximately 10,400 residents and includes a mix of rural areas, suburban development, and significant wildland urban interface environments.

### Risk Classification

Urban – Areas with a population density of 2,000 or more persons per square mile.

Suburban – Areas with a population density of 1,000 to 1,999 persons per square mile.

Rural – Areas with a population density of 1 to 999 persons per square mile.

Wilderness/Wildland Urban Interface – Areas with limited or no population and significant exposure to wildland fire risk.

The District is predominantly rural with pockets of suburban development and significant wildland urban interface exposure.

### Key Risk Factors

Topography: Elevations range from 150 to 1,500 feet. The Washougal River and multiple water bodies create periodic flooding risks.

Transportation: The District includes approximately 3 miles of rail and 8 miles of state highway, along with rural roads, limited access routes, and private roads that can impact response.



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Infrastructure: Approximately 12 miles of natural gas pipelines run through the District. Hydrant coverage is limited in rural areas.

Aviation: The District is located beneath the flight path of Portland International Airport and Camas-Washougal Grove Field, a local airstrip.

## Incident Data Summary

In 2025, the District responded to 1,216 incidents.

- EMS: 62.1%
- Fire: 3.64%
- Other: 34.35%

Call volume has generally increased over the past five years, with fluctuations based on dispatch practices and population activity.

## Primary Risk Categories

High Risk/High Probability:

- EMS incidents
- Motor Vehicle Accidents

High Risk/Low Probability:

- Structure Fires
- Wildland Fires
- Water Rescue
- Rope Rescue

Low Probability/High Consequence:

- Natural gas pipeline incidents
- Flooding events
- Earthquakes
- Aircraft accidents



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## Operational Considerations

The District's large geographic area, limited staffing levels, and reliance on volunteer personnel and automatic aid agreements significantly influence response capabilities. Due to geographic and staffing constraints, the District has established a modified response time goal of 7 minutes (90% of the time), as outlined in the Standard of Cover. Water supply in non-hydranted areas is dependent on tender operations.

## Risk Summary

The District's risk profile is driven by a high frequency of EMS incidents and motor vehicle collisions, combined with the potential for low-frequency, high-impact events such as structure fires and wildland interface fires. Geographic and staffing limitations present ongoing challenges in maintaining response performance across the service area.

## Link to Deployment

This Community Risk Assessment supports the District's Standard of Cover by identifying the need for strategic station placement, water tender operations, mutual and automatic aid reliance, and continued evaluation of staffing levels.