



Gales Creek Magnitude 6.7 Earthquake Shaking Map of Washington County, Oregon

PLATE 3

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Study Location Map

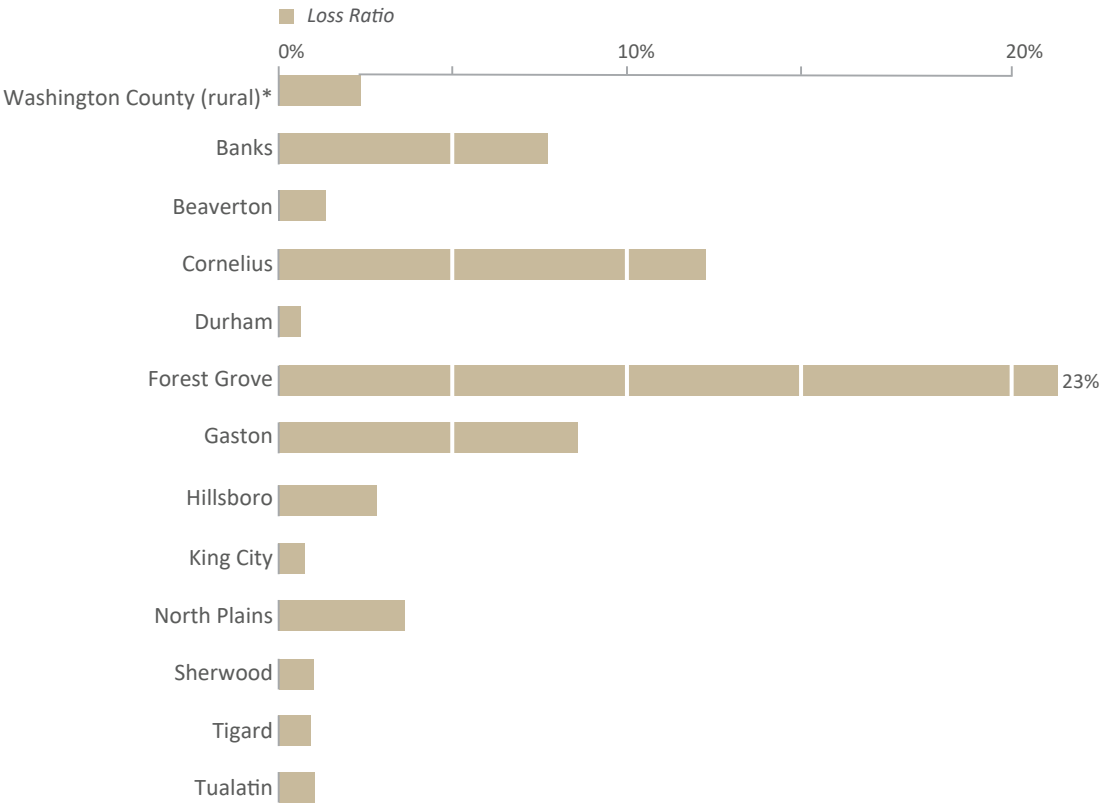
Earthquake Peak Ground Acceleration

(Modified Mercalli Intensity Scale)



Peak Ground Acceleration (PGA) is the maximum acceleration in a given location or rather how hard the ground is shaking during an earthquake. It is one measurement of ground motion, which is closely associated with the level of damage that occurs from an earthquake.

Total Building Value Loss Ratio from Gales Creek Fault Mw 6.7 Earthquake



*Unincorporated

Data Sources:
Earthquake peak ground acceleration: Calculated in Hazus-MH 5.0 (2022)
Roads: Oregon Department of Transportation Signed Routes (2013)
Place names: U.S. Geological Survey Geographic Names Information System (2015)
City limits: Oregon Department of Transportation (2014)
Basemap: Oregon Lidar Consortium (2014)
Hydrography: U.S. Geological Survey National Hydrography Dataset (2017)
Projection: NAD 1983 UTM Zone 10N
Software: Esri® ArcMap 10, Adobe® Illustrator CC
Cartography by: Matt C. Williams, 2022

This map is an overview map and not intended to provide details at the community scale. The GIS data that are published with the Washington County Natural Hazard Risk Assessment can be used to inform regarding queries at the community scale.

