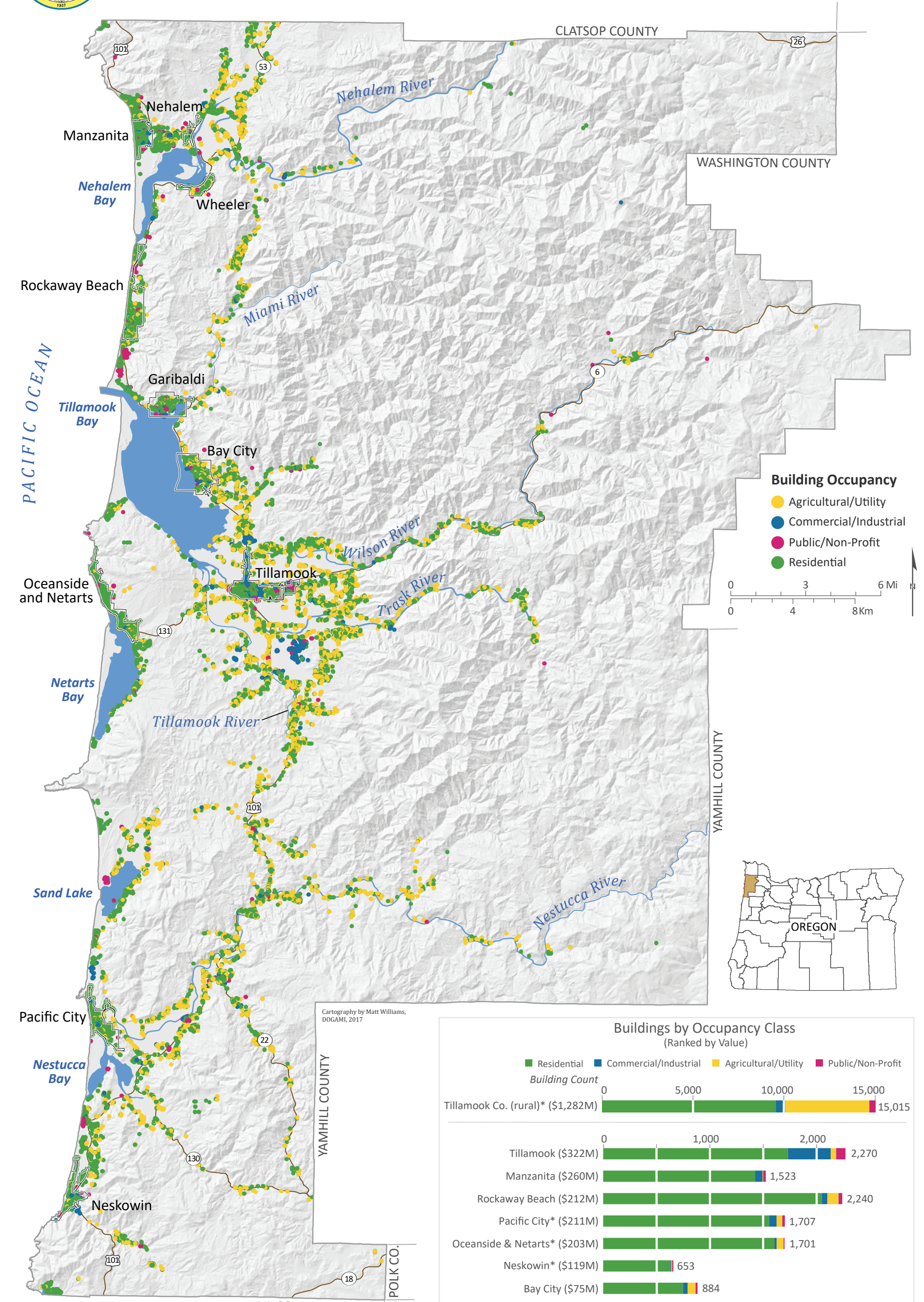


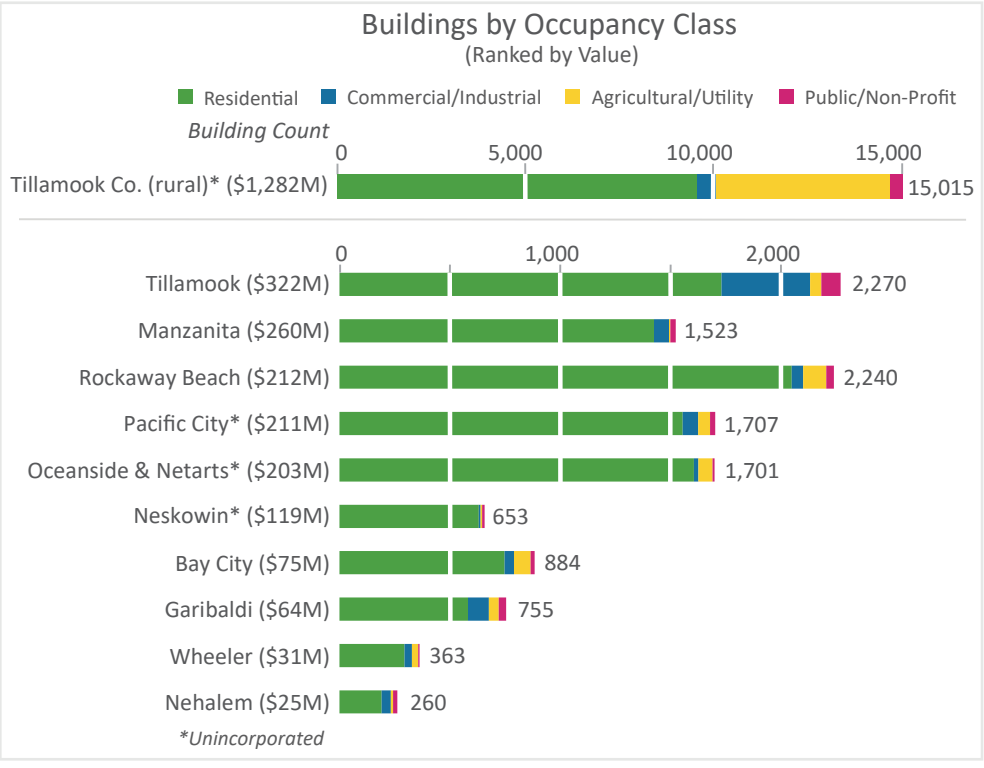
Building Distribution Map of Tillamook County, Oregon

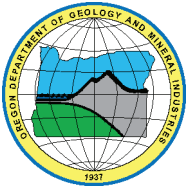


Roads: Tillamook County Assessor GIS (2009)
Place names: USGS Geographic Names Information System (2015)
City limits: Oregon Department of Transportation (2014)
Buildings: Oregon Department of Geology and Mineral Industries (2010)
Hillshade: USGS and Oregon Lidar Consortium (2012)

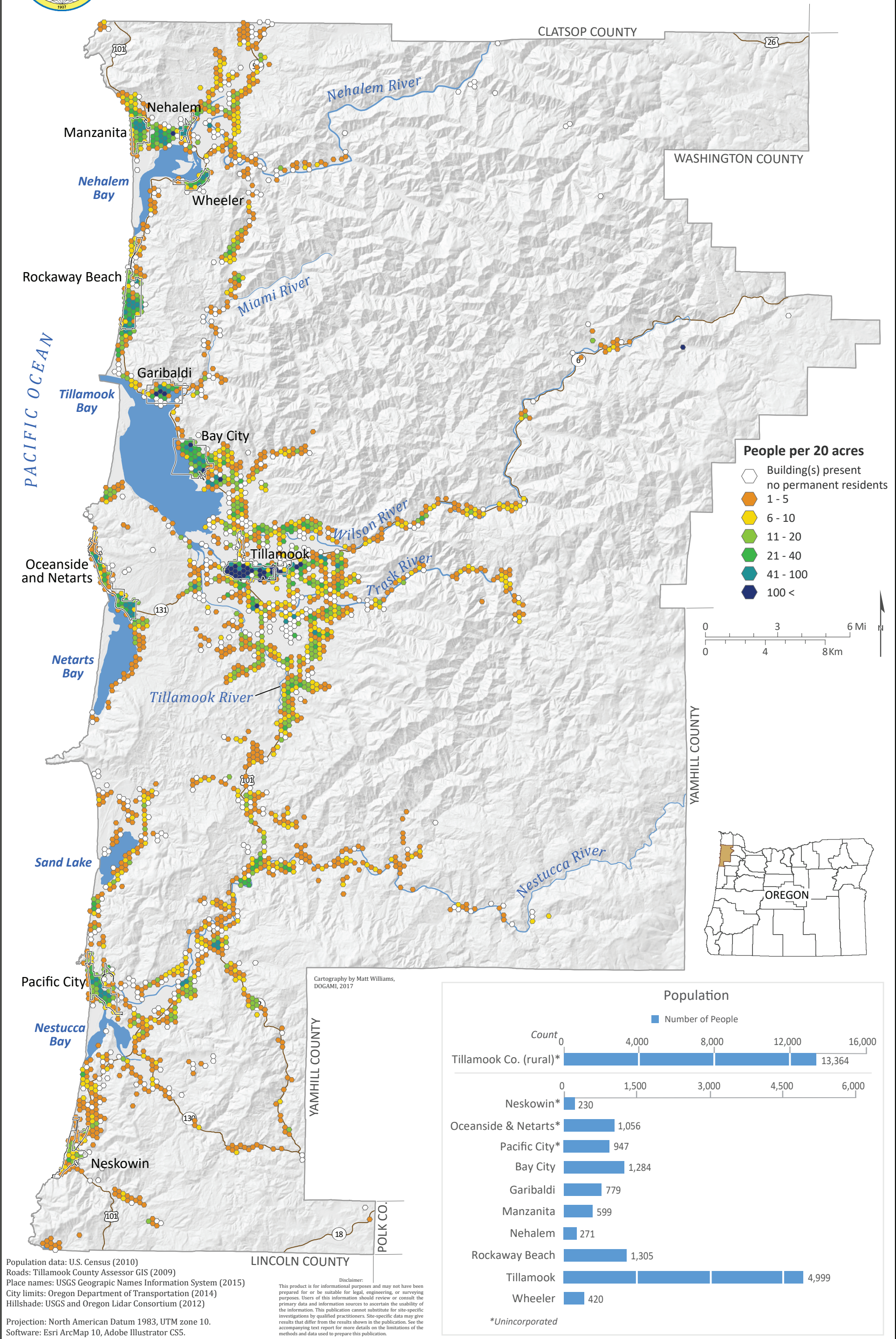
Projection: North American Datum 1983, UTM zone 10.
Software: Esri ArcMap 10, Adobe Illustrator CS6.

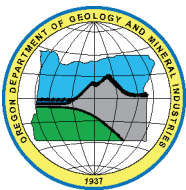
Disclaimer:
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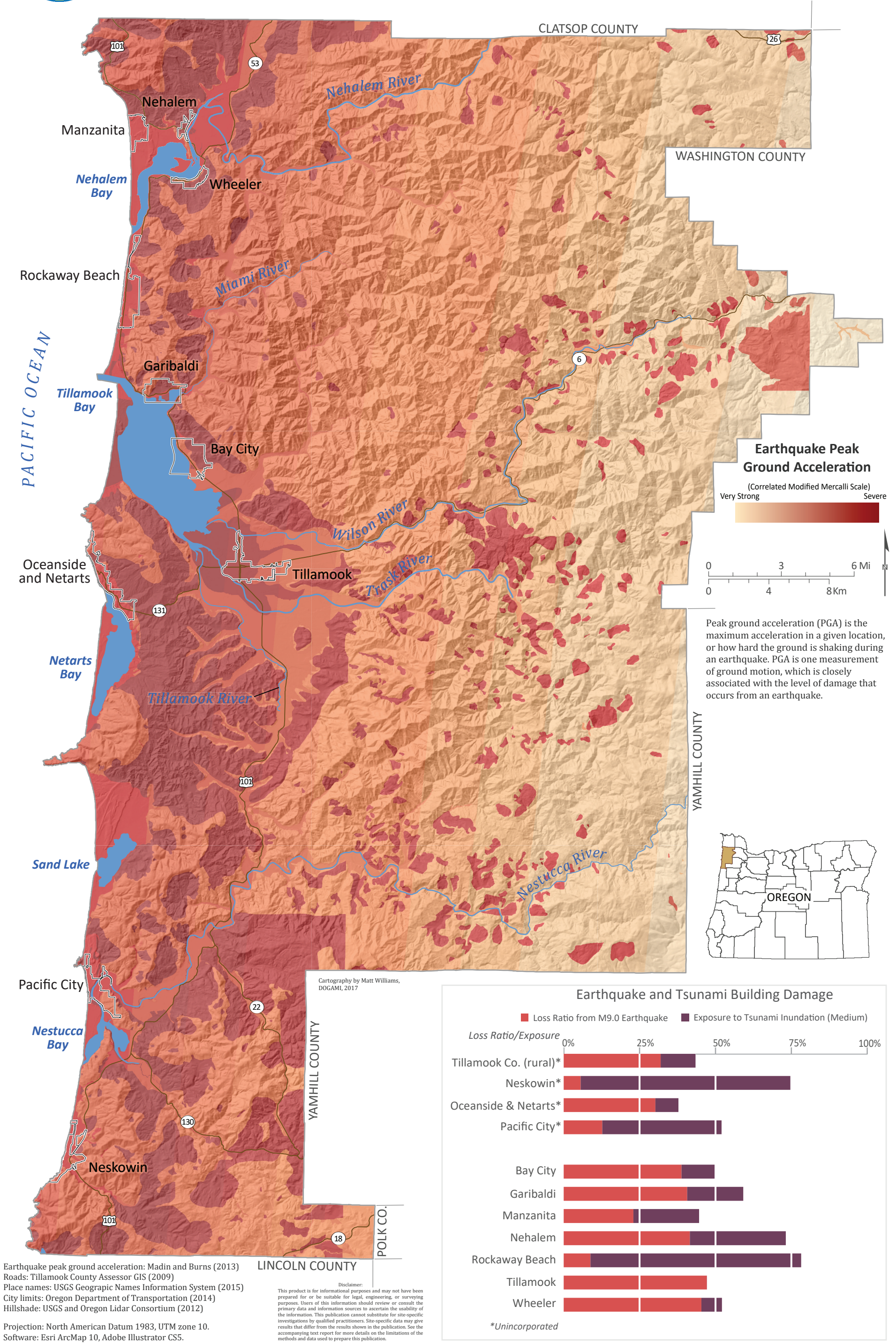
Population Density Map of Tillamook County, Oregon



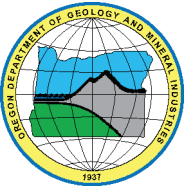


M9.0 CSZ Earthquake Shaking Map of Tillamook County, Oregon

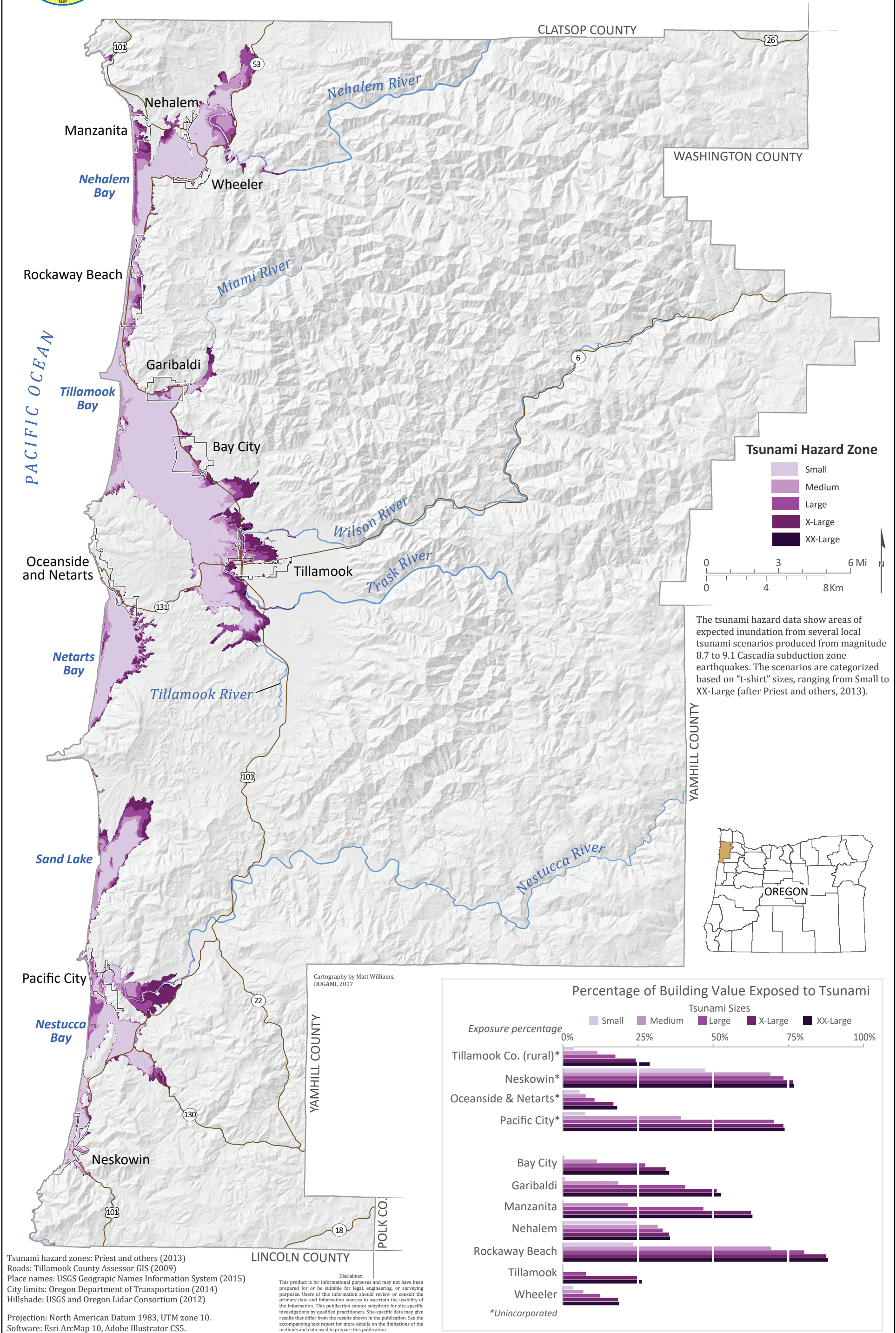
The area where the Juan de Fuca tectonic plate slides under the North American plate is known as the Cascadia subduction zone (CSZ). Earthquakes along the CSZ occur on average every 500 years and can be extremely large. Data shown here are for a magnitude 9.0 event.



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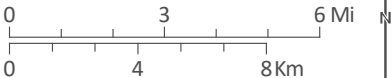


Tsunami Inundation Map of Tillamook County, Oregon



Tsunami Hazard Zone

- Small
- Medium
- Large
- X-Large
- XX-Large

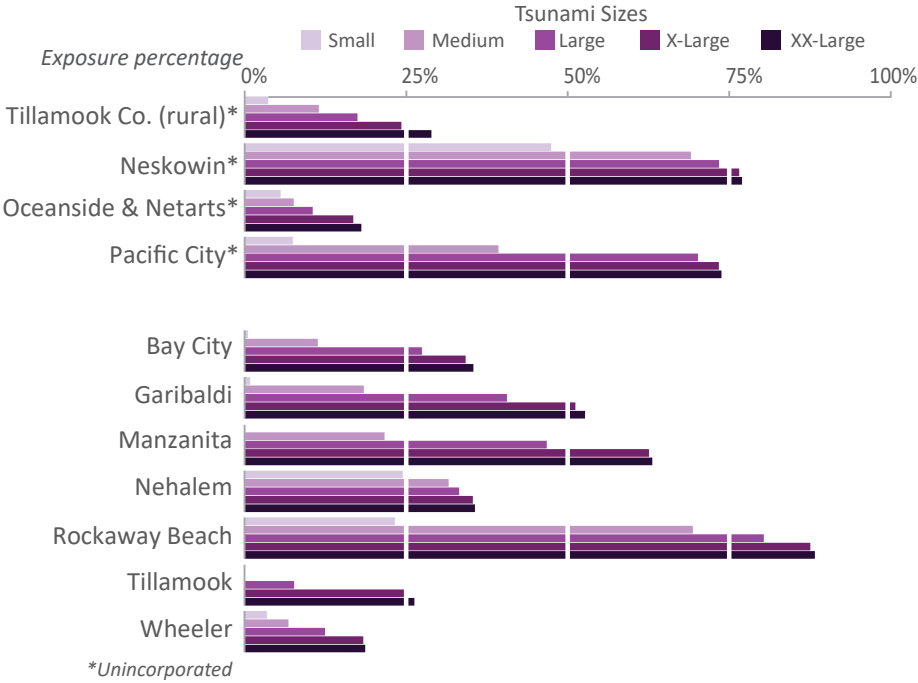


The tsunami hazard data show areas of expected inundation from several local tsunami scenarios produced from magnitude 8.7 to 9.1 Cascadia subduction zone earthquakes. The scenarios are categorized based on “t-shirt” sizes, ranging from Small to XX-Large (after Priest and others, 2013).



Cartography by Matt Williams, DOGAMI, 2017

Percentage of Building Value Exposed to Tsunami



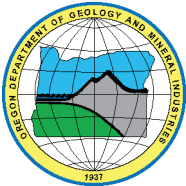
*Unincorporated

Tsunami hazard zones: Priest and others (2013)
Roads: Tillamook County Assessor GIS (2009)
Place names: USGS Geographic Names Information System (2015)
City limits: Oregon Department of Transportation (2014)
Hillshade: USGS and Oregon Lidar Consortium (2012)

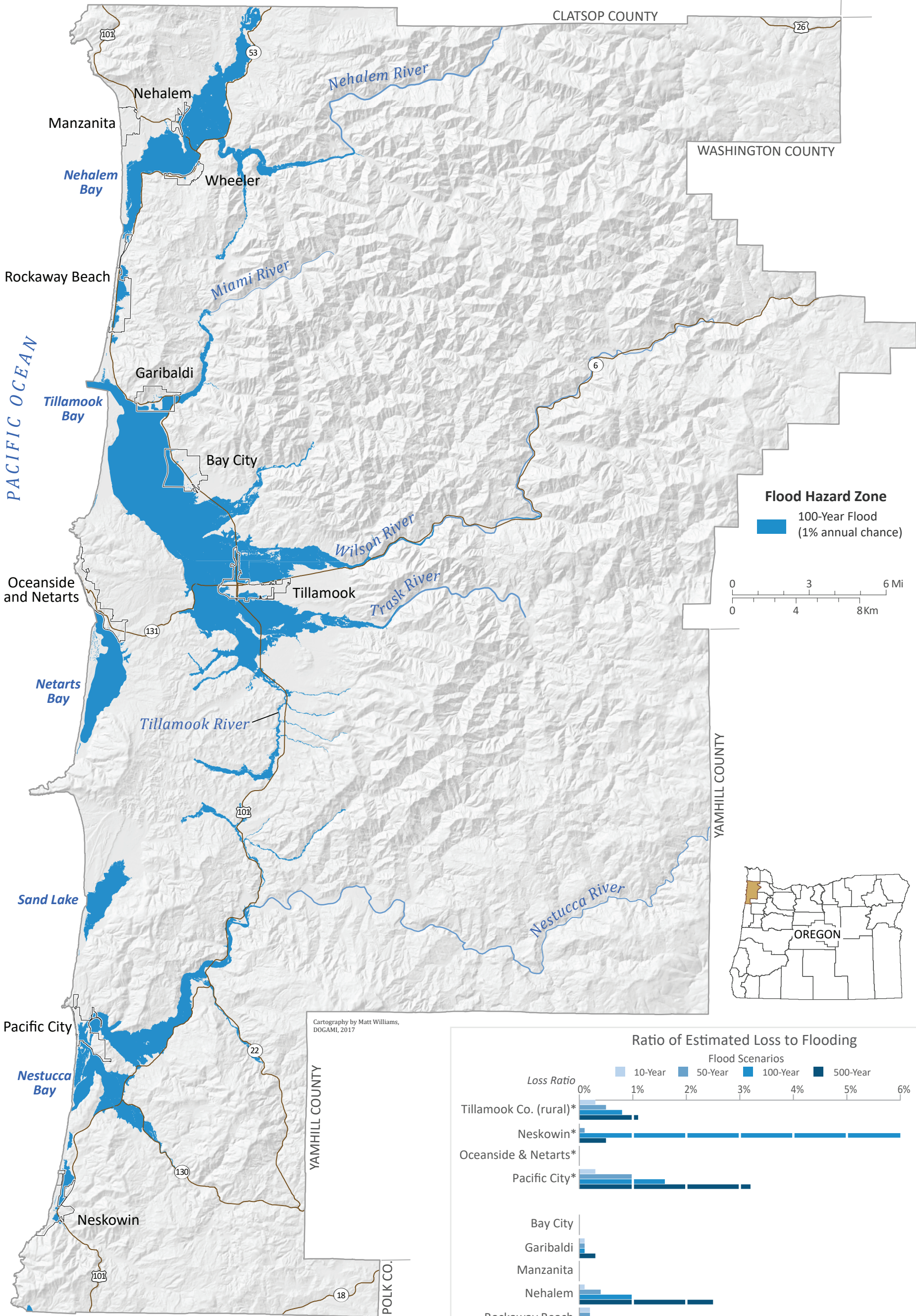
Projection: North American Datum 1983, UTM zone 10.
Software: Esri ArcMap 10, Adobe Illustrator CS5.

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The flood hazard data show areas expected to be inundated during a 100-year flood event. Flooding sources include both riverine and coastal origins. Areas are consistent with the regulatory flood zones depicted in Tillamook County's Digital Flood Insurance Rate Maps.



Flood Hazard Map of Tillamook County, Oregon



Flood Hazard Zone
100-Year Flood
(1% annual chance)



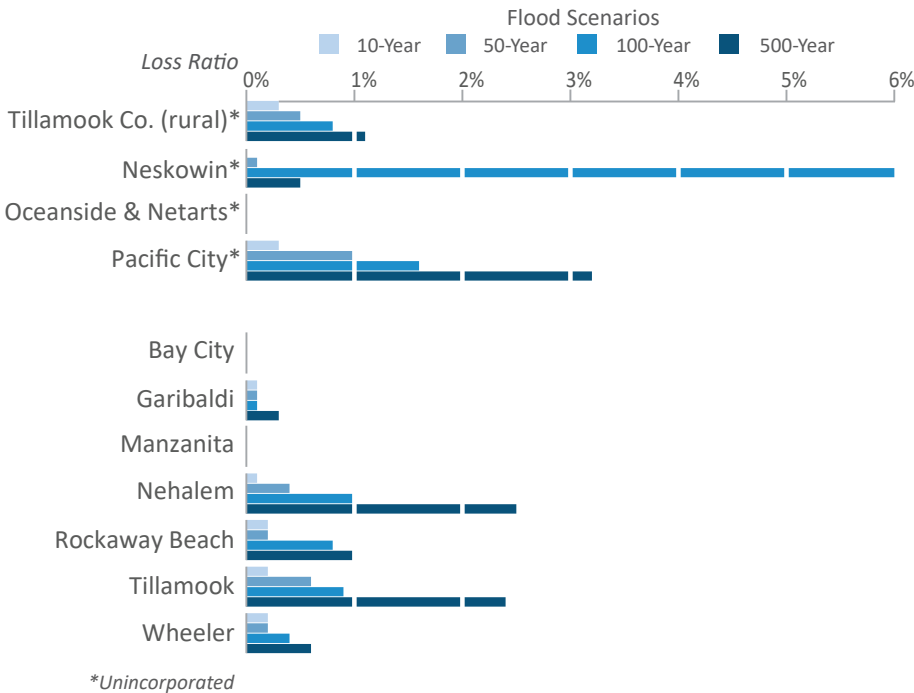
Cartography by Matt Williams,
DOGAMI, 2017

Flood hazard zone (100-year): DOGAMI (2015)
Roads: Tillamook County Assessor GIS (2009)
Place names: USGS Geographic Names Information System (2015)
City limits: Oregon Department of Transportation (2014)
Hillshade: USGS and Oregon Lidar Consortium (2012)

Projection: North American Datum 1983, UTM zone 10.
Software: Esri ArcMap 10, Adobe Illustrator CS5.

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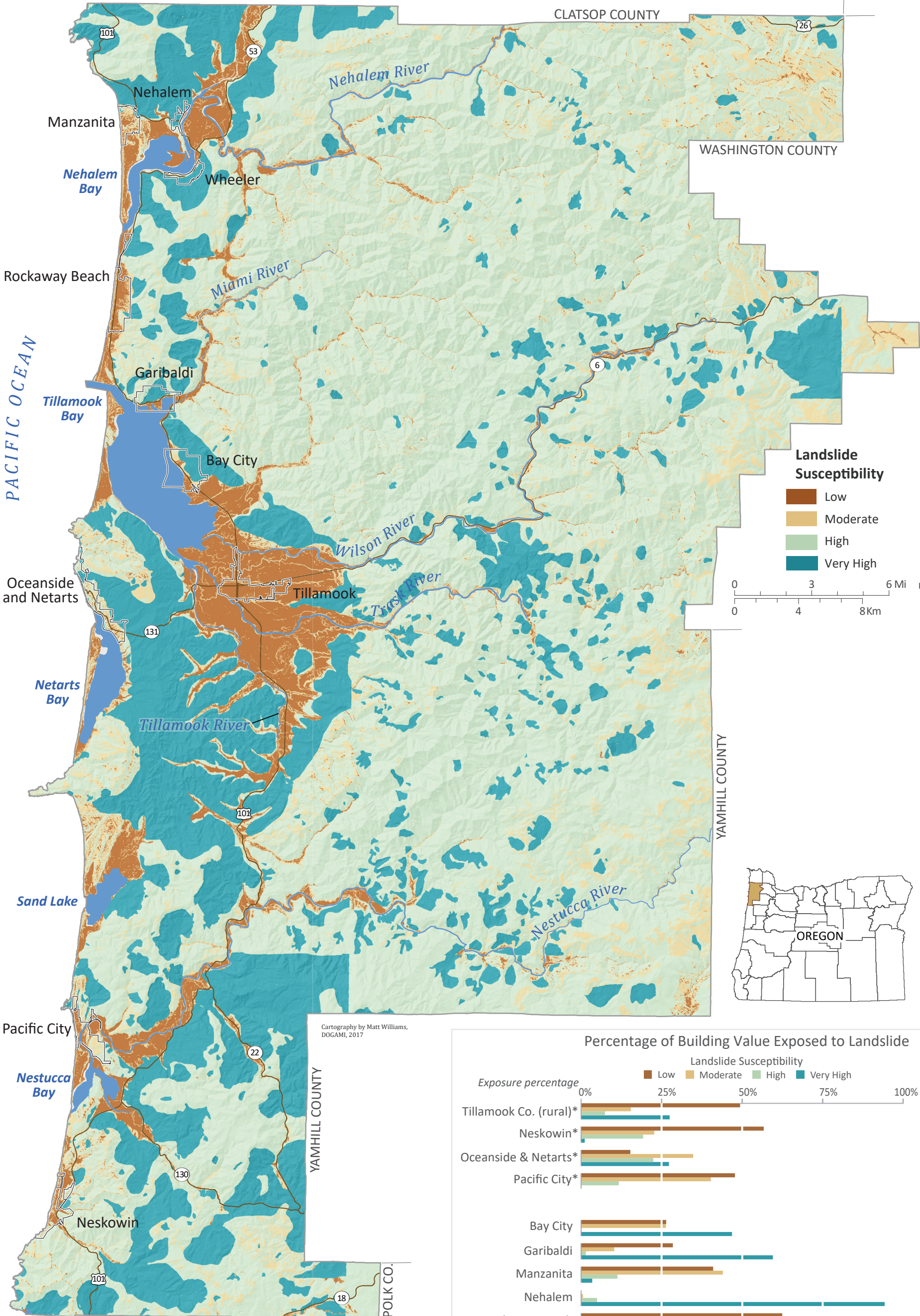
Ratio of Estimated Loss to Flooding



Landslide susceptibility is separated into zones that describe the general level of hazard from landslides. The dataset is an aggregation of three primary sources: landslide inventory (SLIDO), generalized geology, and slope.



Landslide Susceptibility Map of Tillamook County, Oregon

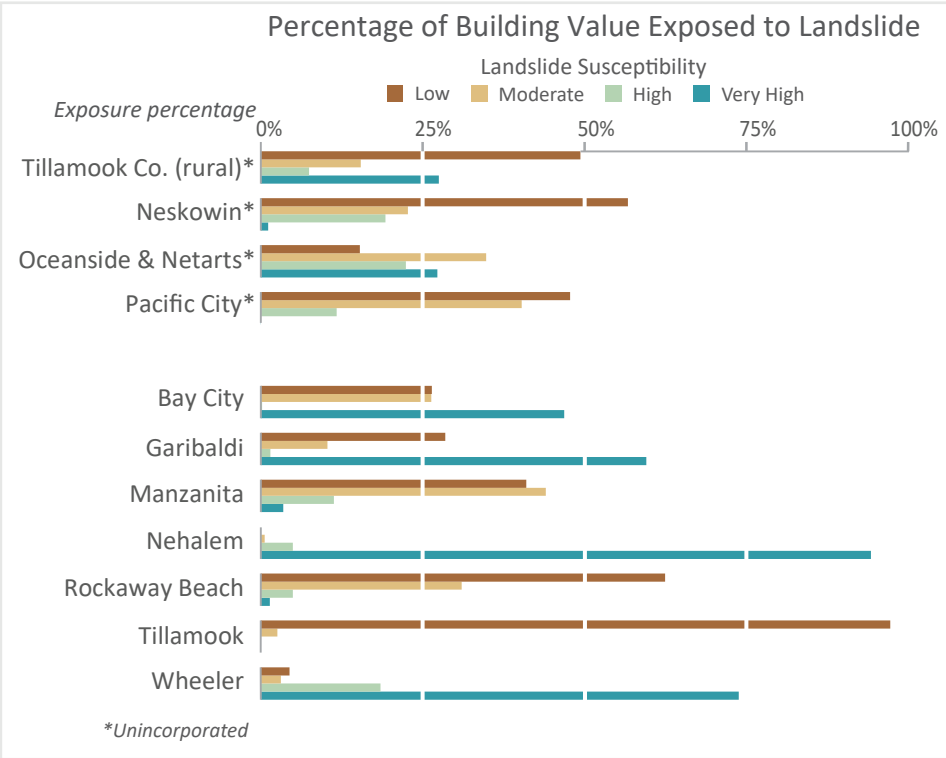


Cartography by Matt Williams, DOGAMI, 2017

Landslide susceptibility: Burns and others (2016)
Roads: Tillamook County Assessor GIS (2009)
Place names: USGS Geographic Names Information System (2015)
City limits: Oregon Department of Transportation (2014)
Hillshade: USGS and Oregon Lidar Consortium (2012)

Projection: North American Datum 1983, UTM zone 10.
Software: Esri ArcMap 10, Adobe Illustrator CS5.

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Wildfire Risk Map of Tillamook County, Oregon

Wildfire risk is categorized as Low, Moderate, or High and indicates the level of risk a location has to wildfire hazard. The wildfire risk data layer (Fire Risk Index) is derived from a combination of the Fire Threat Index (fire history and behavior) and the Fire Effects Index (infrastructure and assets).

