

Governors Wildfire Response Council's Land Use Subcommittee

Land Use Facts Under Development

6/1/2019

Fire Exposed Assets of the State

Fixed – built environment facts

- Area within the bounds of Oregon's 241 cities and towns total 800,000 acres
- Area outside the bounds of Oregon's Urban Growth Boundary total 61.3 million acres
- There are over 100,000 residences outside of the Urban Growth Boundary and represents 8% of Oregon's housing stock which is valued at over \$12.7 billion dollars.
- In 2017 19,978, structures were threatened. The total fire suppression cost for the year was \$454, million
- Over the past 30 years 84% of wildfires in Oregon's 31-million-acre wildland - urban interface were human caused.
- Over the last 20 years, Oregon has experienced 15 megafires, which are fires that burned over 100,000 acres. In 2018 there were 1485 human caused fires in Oregon that burned 309,657 acres and 684 lightning caused fires that burned 573,747 acres
- Land burned increased by 2.56 acres per square mile in Oregon from the 1980's to the early 2000's
- 36 percent of the homes built in Oregon today are built in the WUI and 80.4% of the vacation homes in Oregon are built in the WUI (one of the highest rates in the nation)
- Oregon had the second-largest increase in acres burned in the nation
- 73% of all wildfires on lands protected by ODF were human caused
- The fire suppression costs in Oregon are largely footed by the federal and state government, with little contribution from Oregon's counties and cities who approve all building permits
- The Forest Service estimates that the lion's share of its overall firefighting dollars, between 50 percent and 95 percent, are spent defending homes

Fixed Built Environment Data Layers /Facts Unsecured as of 6/1/19

- Incorporated and unincorporated communities within 25 miles of a high or very high-risk fire area
- Miles of public or private roads within 5 miles of a high or very high-risk fire area
- Miles of rail lines in or within 5 miles of a high or very high risk fire area
- Public and private air strips within 25 mile of a high or very high risk fire area
- Senior facilities within 25 miles of a high or very high risk fire area
- Hospitals within 25 miles of a high or very high risk fire area
- Police and fire facilities within 25 miles of a high or very high risk fire area
- Schools within 25 miles of a high or very high risk fire area
- Communications facilities within 25 miles of a high or very high risk fire area
- Miles of communication transmission lines in or within 5 miles of high or very high risk fire area
- # of residences within the UGB
- # of unincorporated communities
- Residences in unincorporated communities
- Population of unincorporated communities
- Residences in other rural areas
- Population in other rural areas

Fixed – natural environment facts

- Acres of privately-owned forestland 10,191,000 (34%)
- Acres publicly owned forestland 18,981,000 (64%)
- Acres of tribal owned forestland 484,000 (2%)

Fixed - Natural Environment Data Layers/Facts Unsecured as of 6/1/19

- Acres and locations of all vulnerable forested water supplies
 - Drinking water – # of supply sources affected
 - Drinking water - # communities affected
 - Ag/Industrial - # supply sources affected
- # of acres of endangered species habitat -
Spotted owl, Marbled Murrelet, Sage-Grouse , Spotted Frog
- # of miles of rivers, lakes and streams within 25 miles of a WUI

***Governor Brown's Wildfire Response Council
Adaptation and Recovery Committees
Questions under review by the Land Use Subcommittee
6/1/2019***

What cost is associated with protecting the existing structures and built environment within the state's fire prone areas? How can we contain this cost?

- How do we protect the lives of our first responders?
 - Need for an accurate state-wide road inventory
 - Need for an accurate state-wide structures and infrastructure inventory
- How can we ensure access to critical information for ALL first responders?
- What is the separate and combined economic value of the fixed assets found in the fire risk zones of the state
- Which assets have the greatest priority to the state?
- Should the state prioritize mitigation investments near high priority assets?
Should the state place a moratorium on construction of non-critical development in the wildland urban interface until mitigation treatments of surrounding areas are completed?

Would the creation of an official State-wide fire risk map be helpful in driving our federal, state, local and private risk reduction (mitigation) investments?

Do local planning offices (city and county) have adequate land use planning tools and guidelines to allow them to make appropriate decisions about development in wildfire risk areas?

- In light of existing fire risk modeling should Land Use Goal 7 (Areas Subject to Natural Hazards) have implementation rules developed for wildfire risk?
 - Related to permitting new construction
 - Related to defensible space near existing structures
 - Related to defensible space near new and existing infrastructure
- Should the state establish evacuation and access requirements including multiple ingress/egress points for all new (and some existing) development?
- How can we incentivize effective wildfire planning at the city and county level?
 - Moving beyond recommendations to requirements

- Develop citizen awareness and training modules related to evacuation and prevention

What are the Current Building Codes for structures in fire prone areas?

- Who is responsible for their development and are they adequate? If not, who is responsible and how do we ensure their upgrade?
- What incentives will help counties/cities and communities implement new best practices building codes?
- Should a wildfire hazards inspection be required along with a building inspection before sale for all structures within wildfire risk zones?
- How does the state protect individual's privacy regarding structures on private property?

Is there a way to economize effective enforcement of various state agencies?

- Can building codes inspection help with code enforcement?
- What agency is responsible for defensible space monitoring and enforcement?

*ODF definition of WUI