

# High level overview of WA state wood products industry

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## Washington's Forests

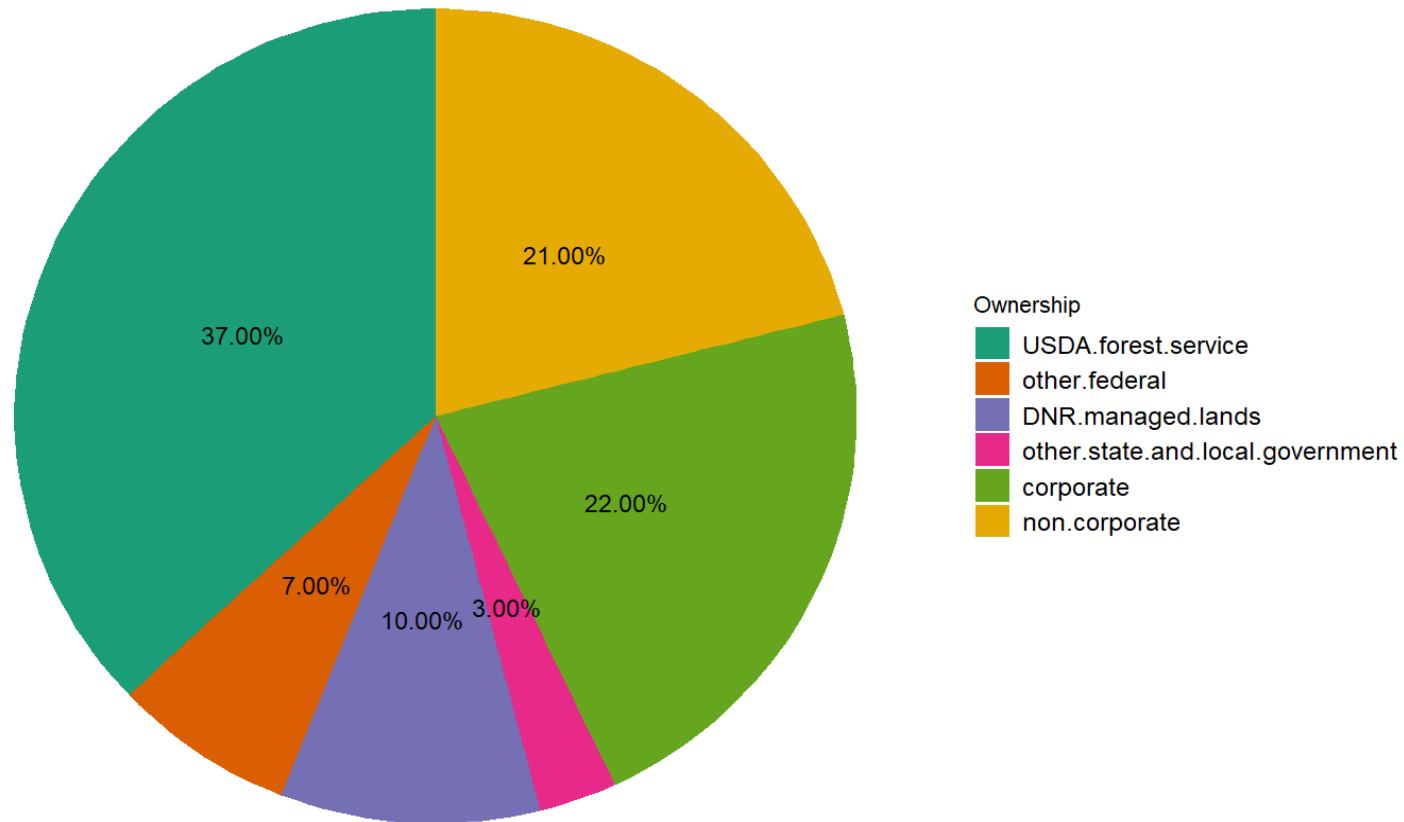
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- > Washington state has about **22M acres of forests** and **8.58M acres of those are “working forests”** (State and private forests combined) which are forests that are managed to generate revenue.
- > Around **91.3% of these working forests are certified** for sustainable harvesting by international bodies.
  - These forests are predominantly (90%) Sustainable Forestry Initiative (SFI) certified followed by Forest Stewardship Council (FSC) and American Tree Farm System certified.

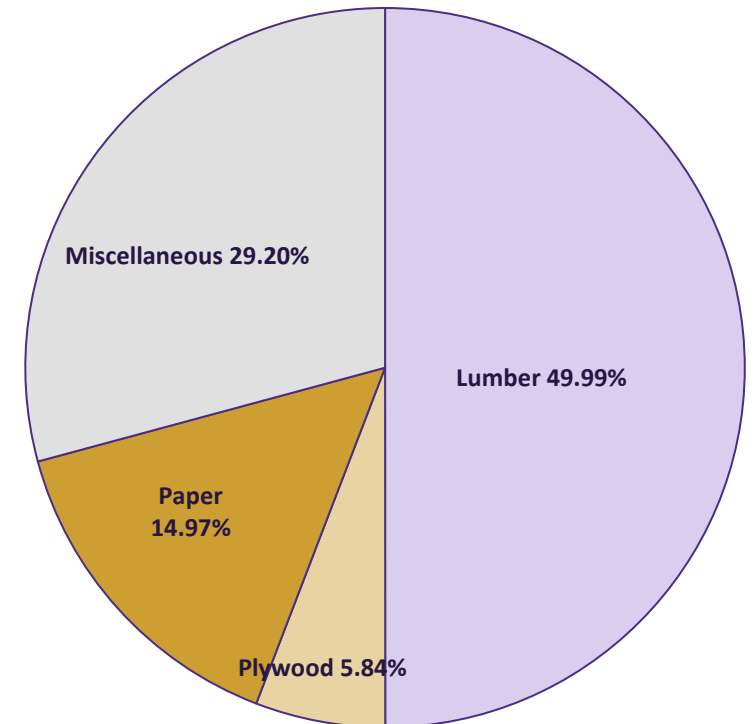


# Ownership and product distribution in WA

*Distribution of forest ownership types in WA*



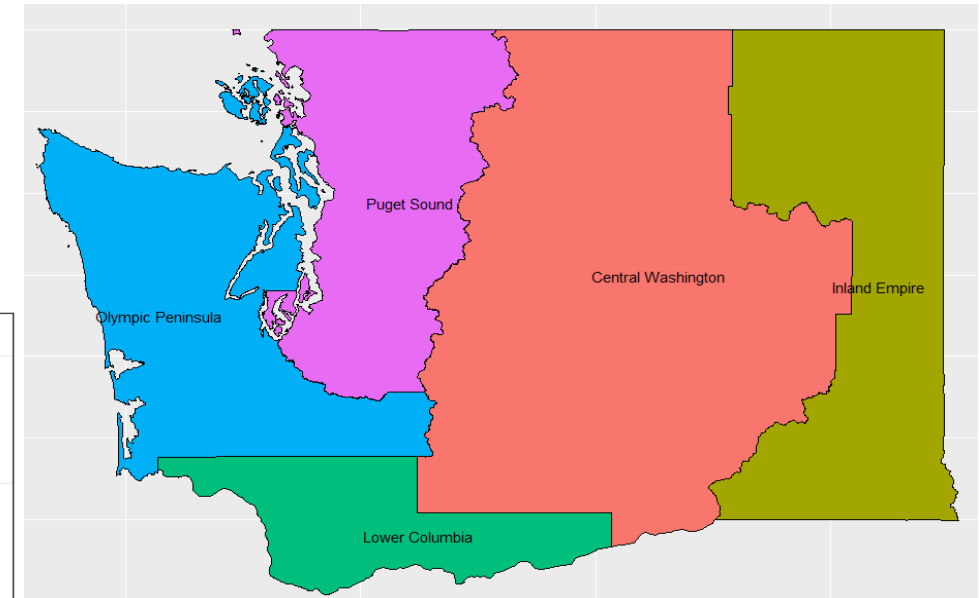
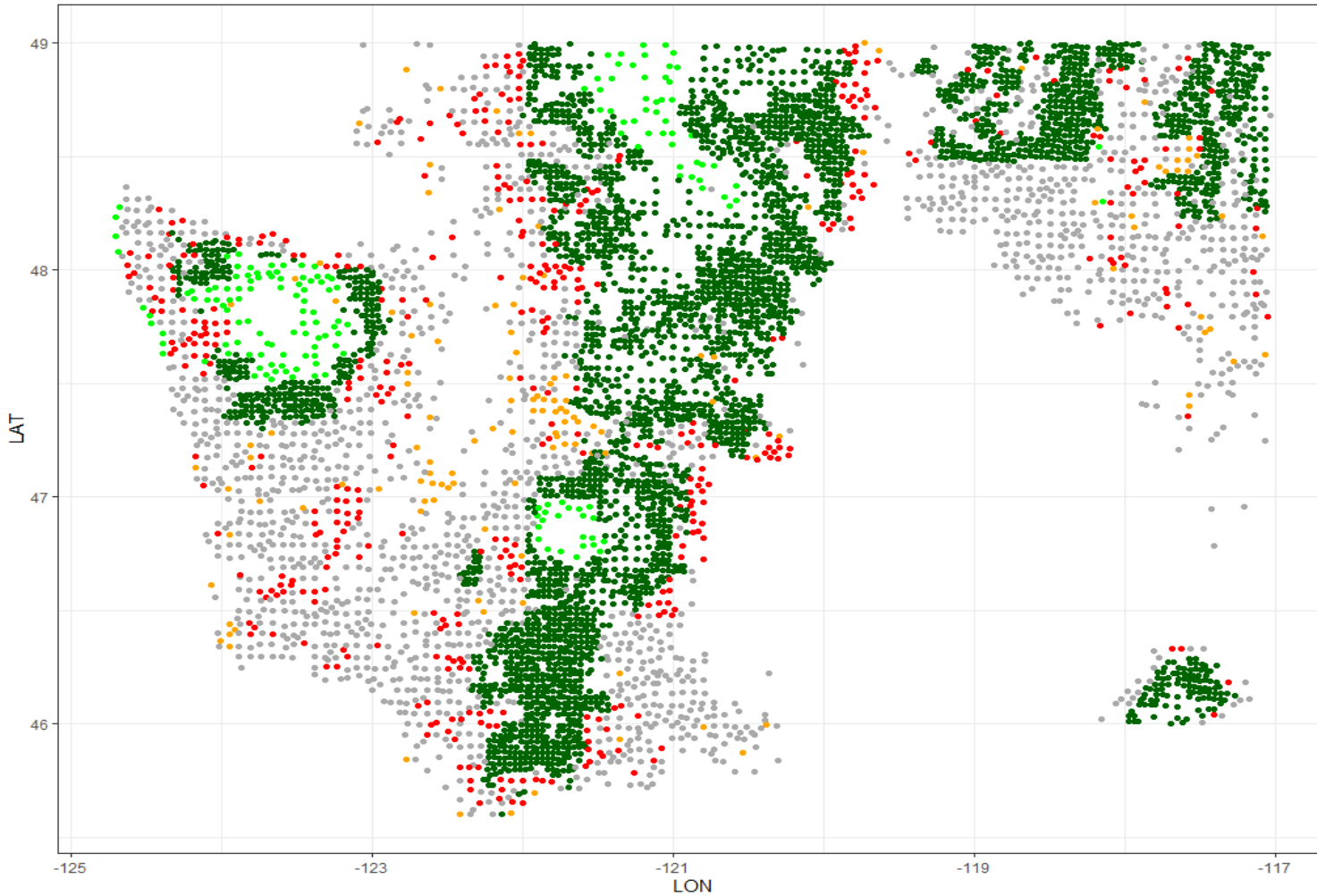
*Average wood products in WA's wood products industry*



(sources: Ganguly et al 2020 and Christensen et al. 2020)



# FIA Plots in Washington state by owner class



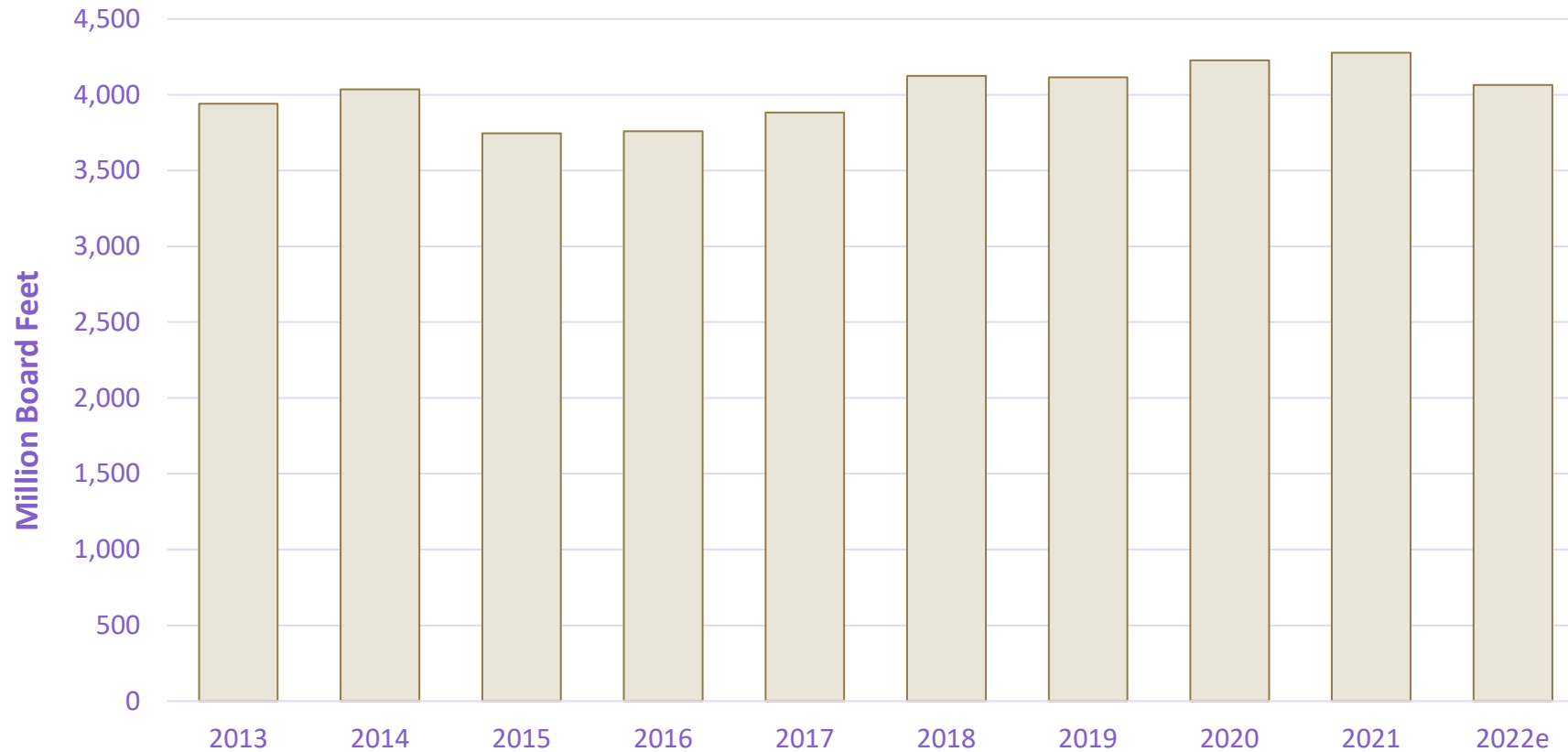
Five economic regions

## OwnerName

- National Forest
- National Park Service
- State
- Private and Tribal
- Other



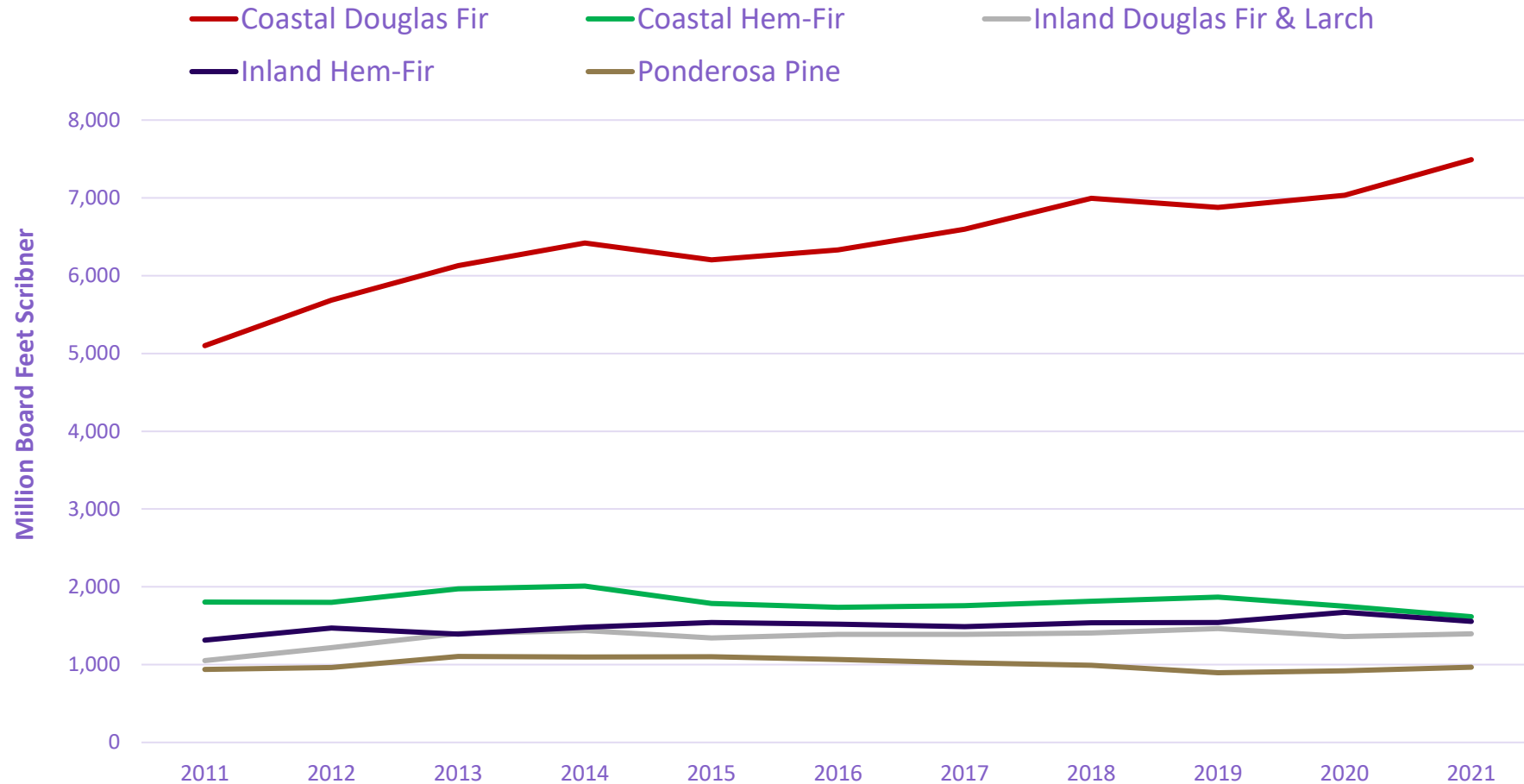
# Washington Softwood Lumber Production



Source: Western Wood Products Association



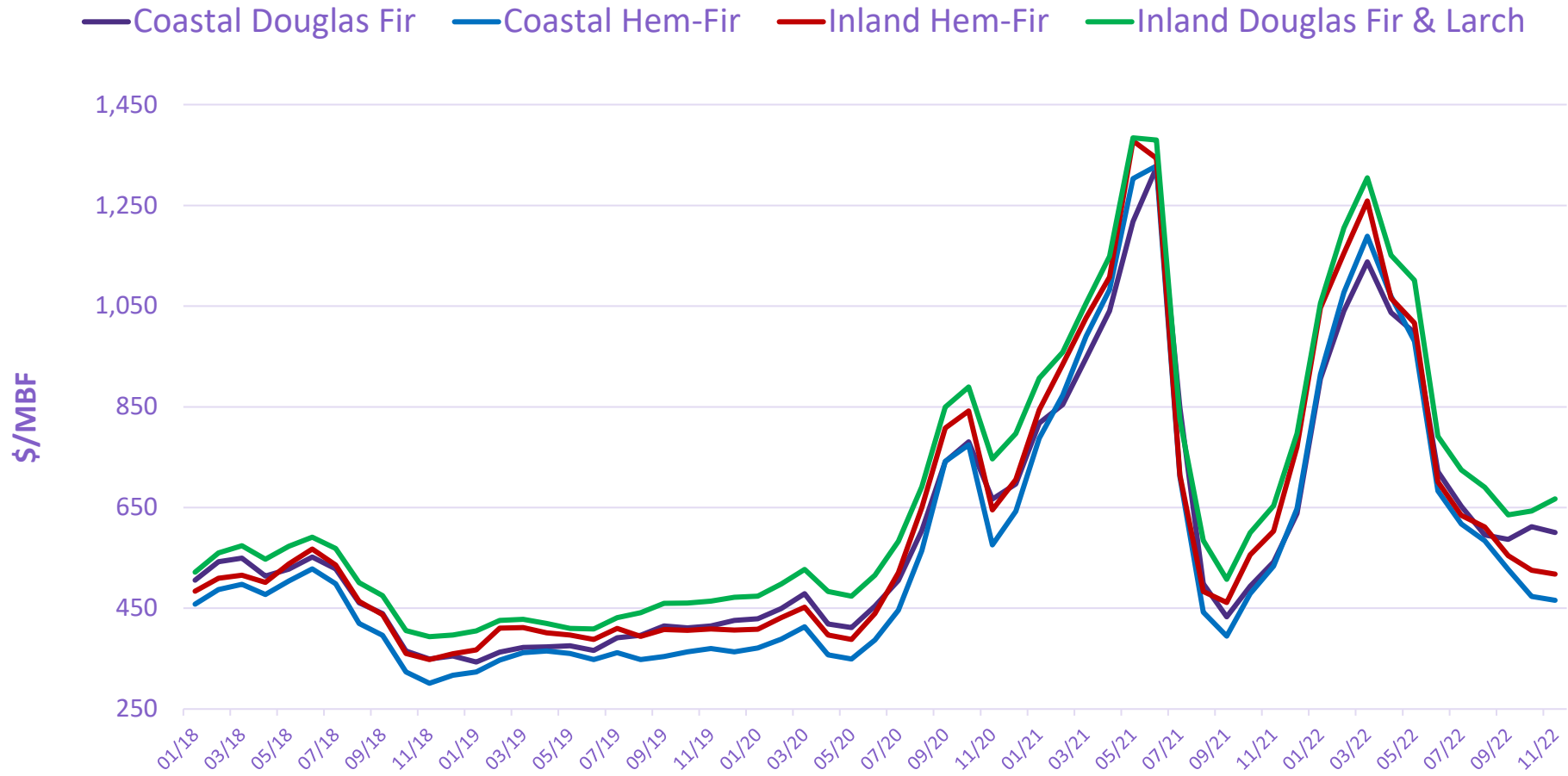
# U.S. West Lumber Production by Species



Source: Western Wood Products Association



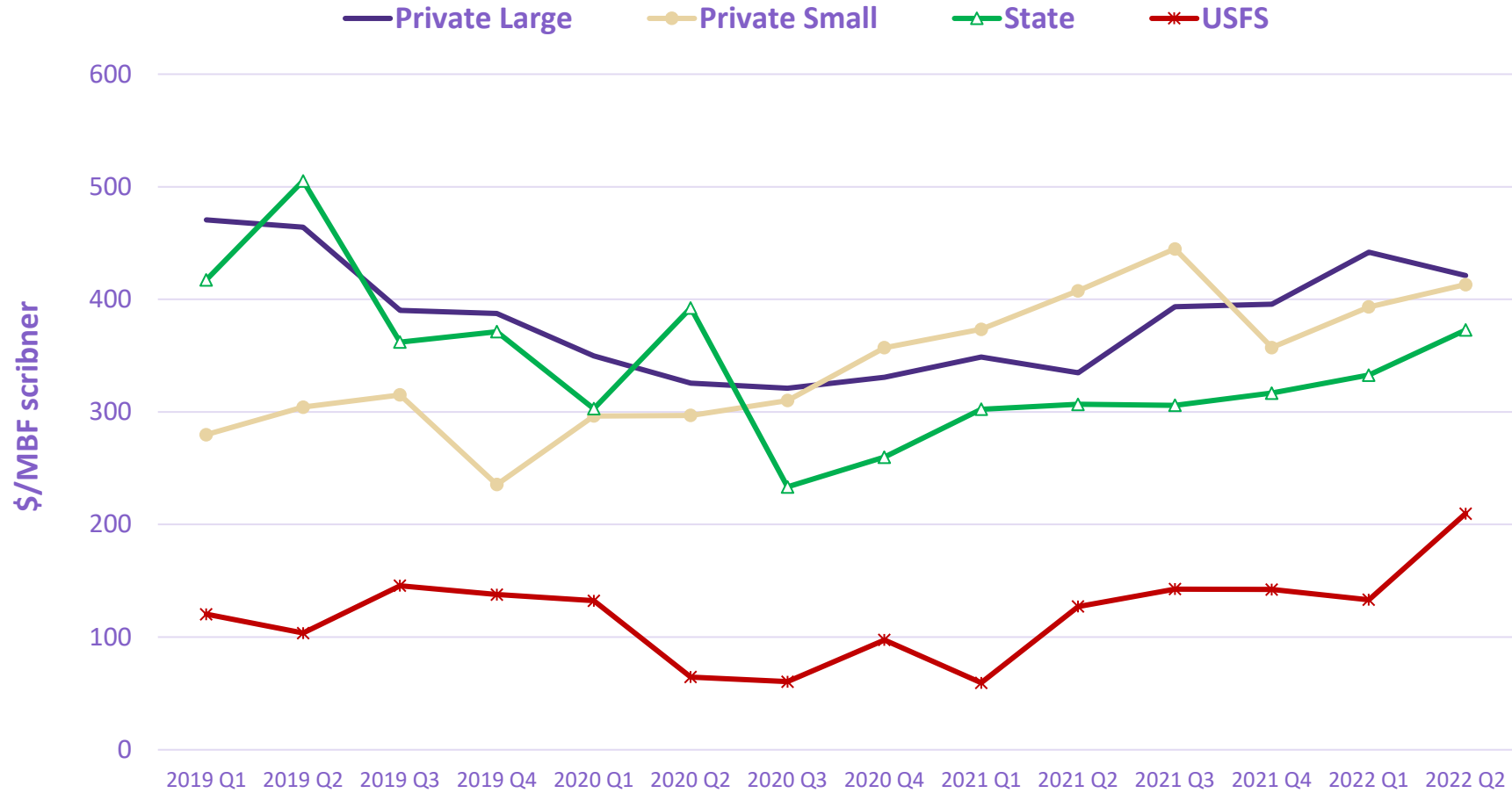
# Pacific Northwest Coastal and Inland Lumber Prices



Source: Western Wood Products Association



# Washington State Average Timber Prices (stumpage)

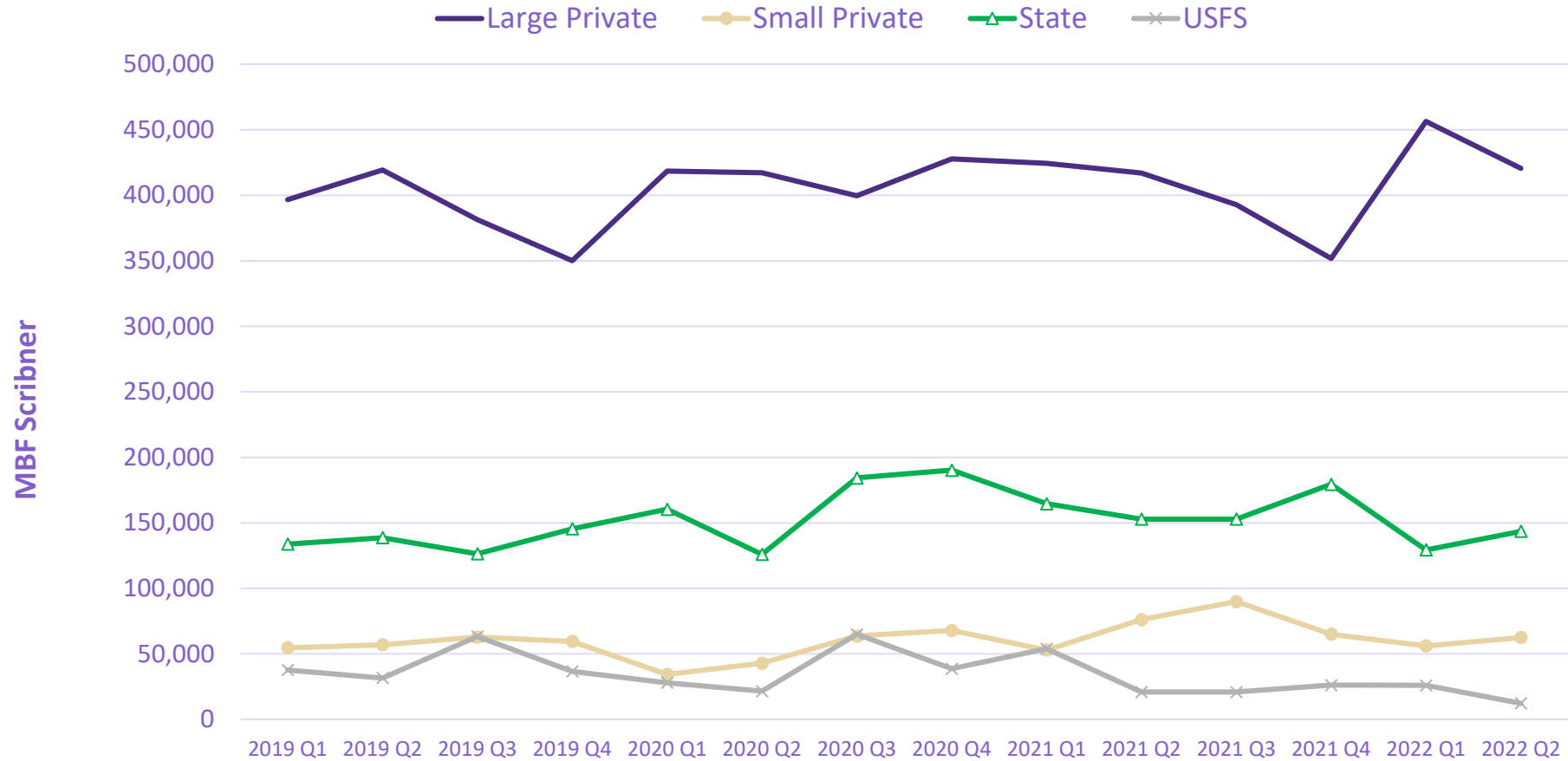


Source: Washington State Department of Revenue





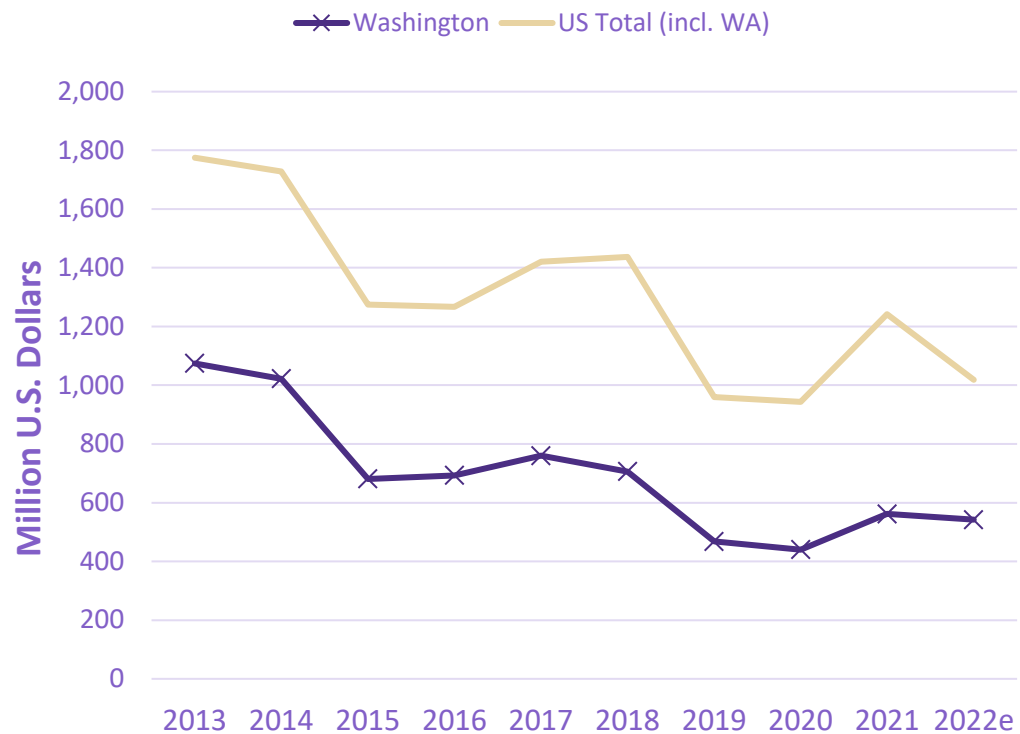
# Washington Timber Harvests by Ownership



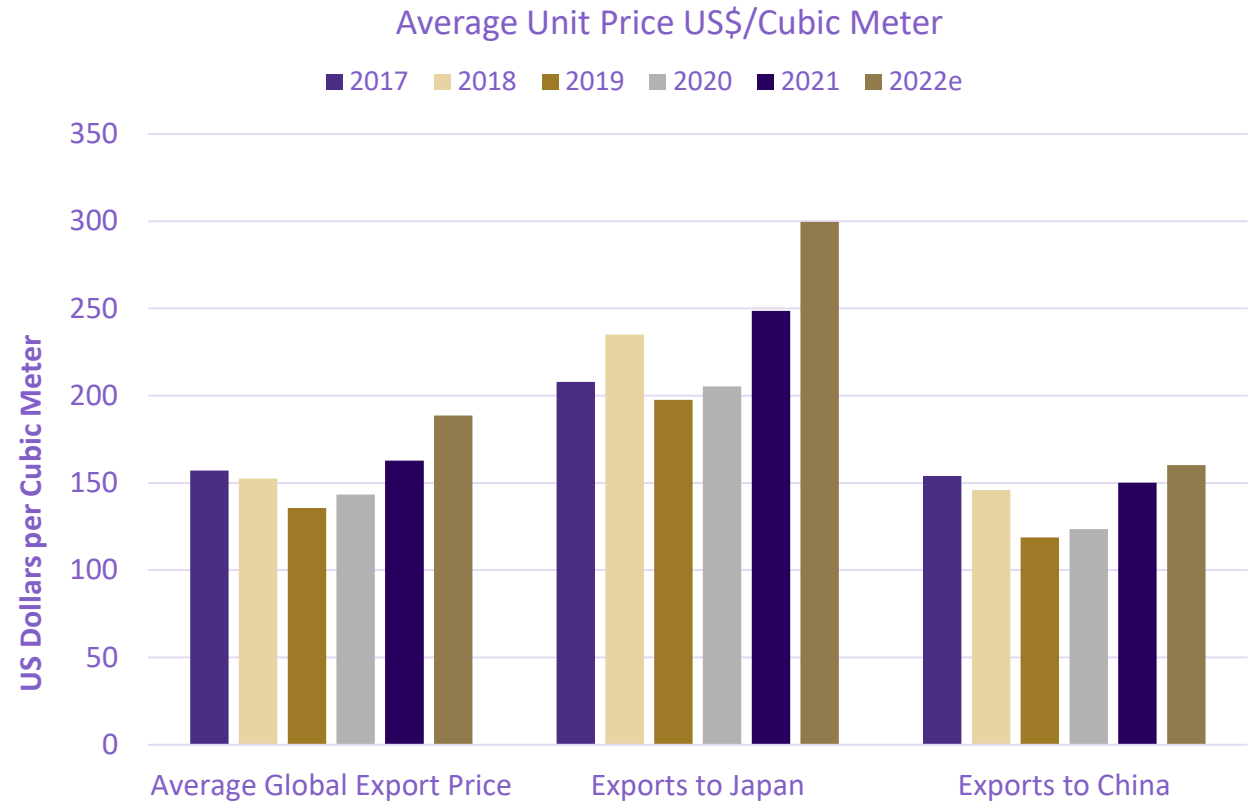
Source: Washington Department of Revenue



# Conifer Log Exports



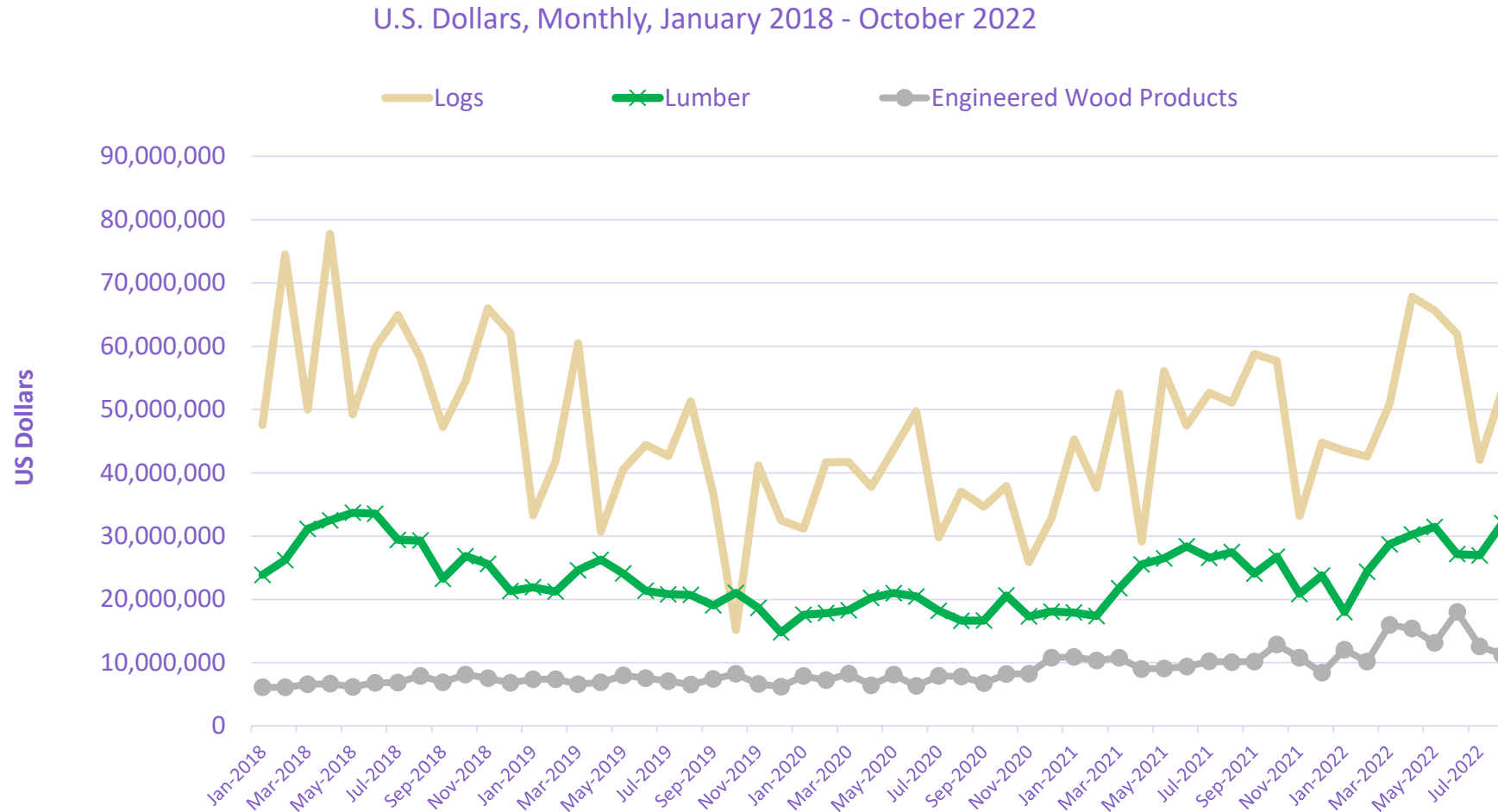
Source: USA Trade Online, US Census Bureau



Source: Trade Data Monitor



# Washington State Log, Lumber, and Engineered Wood Exports



Source: USA Trade Online, US Census



# Managing forests:

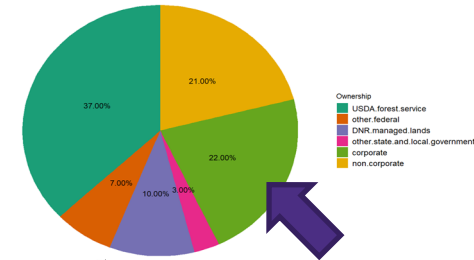
## Carbon, Mortality and Wood Products

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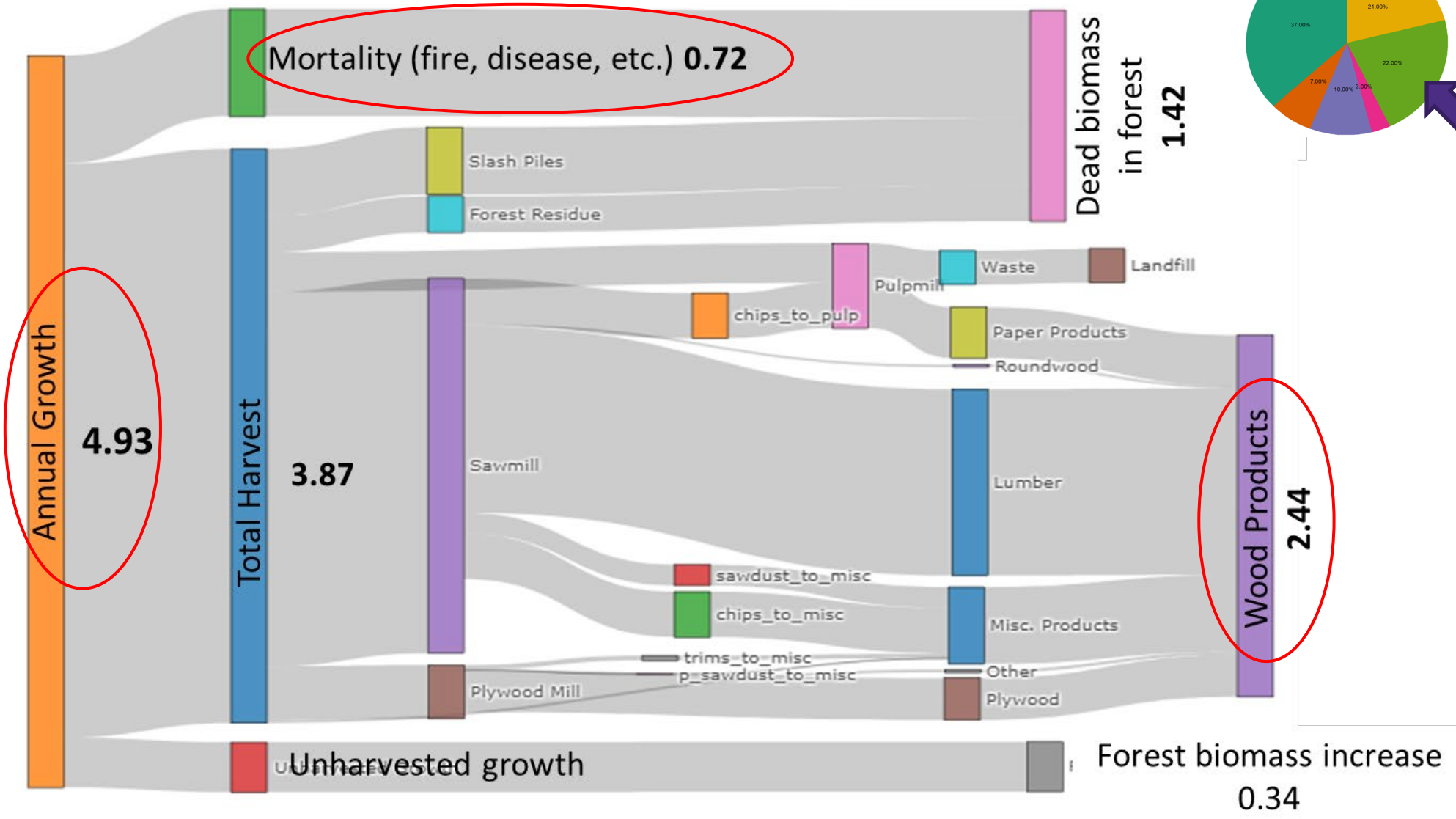
**Flux Analyses: Growth, mortality, harvest, and wood products distribution**



# Corporate Forests- WA Average; Per Acre Per Year in CO<sub>2</sub>

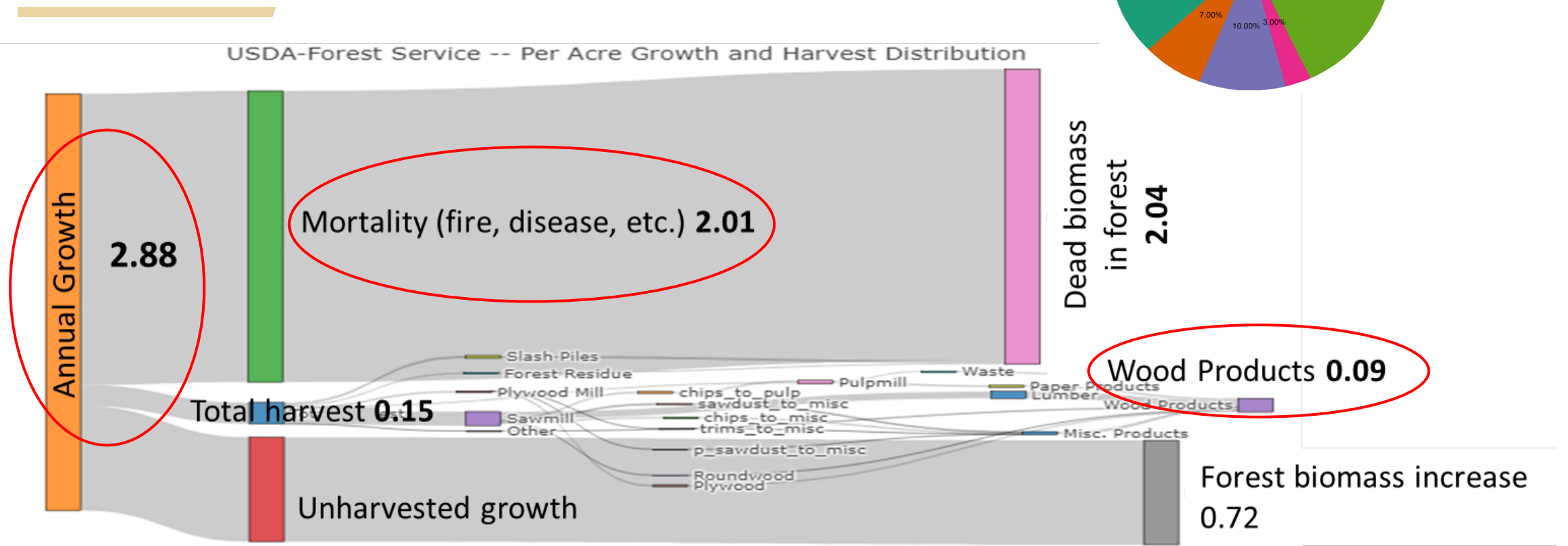


## Panel 1: Corporate Forests



# USFS Forests- WA Average; Per Acre Per Year in CO<sub>2</sub>

## Panel 3: USFS Forests





***Thank you!***

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