



# CB Commission Virginia Delegation Retreat

## Policy Issue IV: Carbon Sequestration

Rob Farrell  
VDOF State Forester

# Virginia Forest Cover

62% Forest

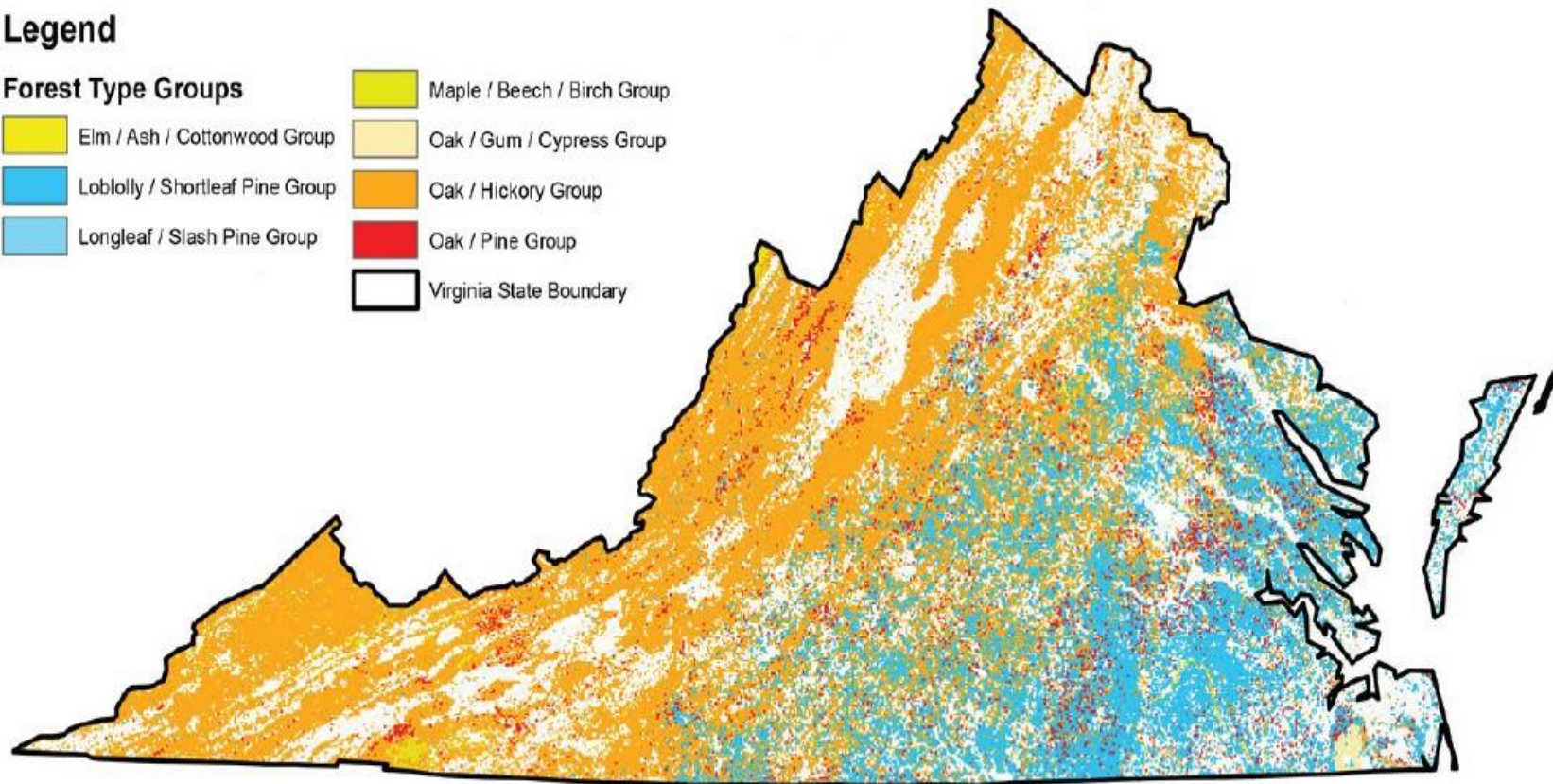
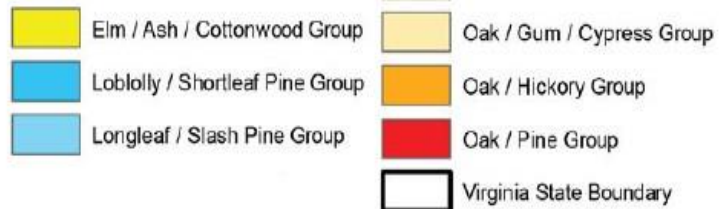


*From year 2016 National Land Cover Dataset (NLCD)*

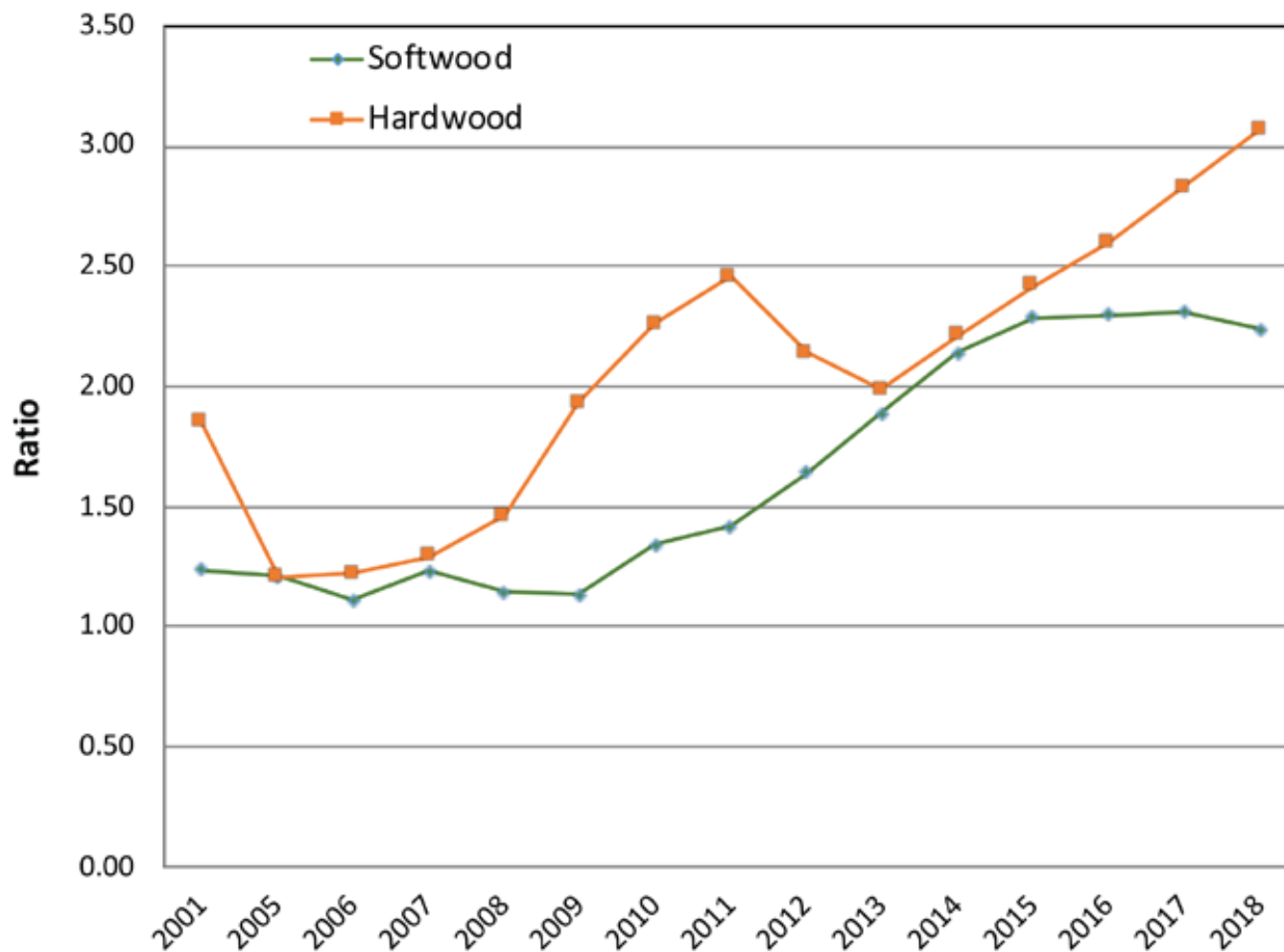


## Legend

### Forest Type Groups

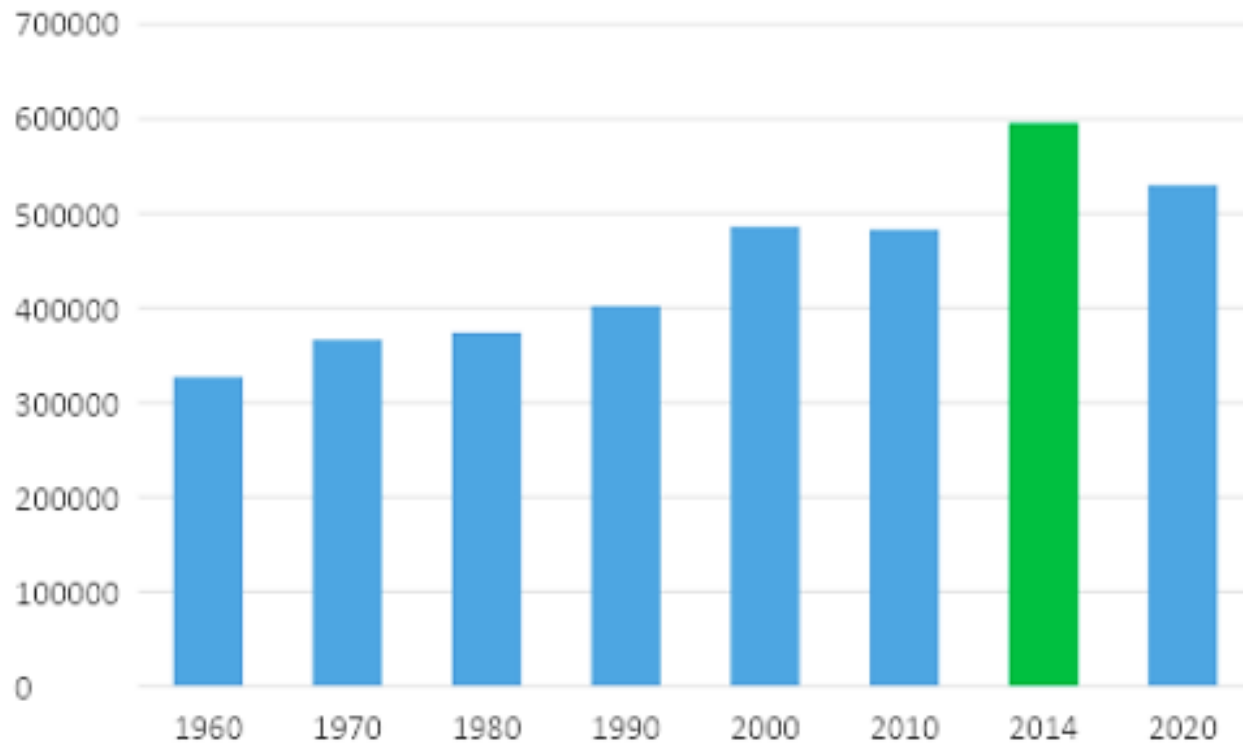


## Statewide Net Growth to Drain Ratio for Softwoods and Hardwoods on Timberland

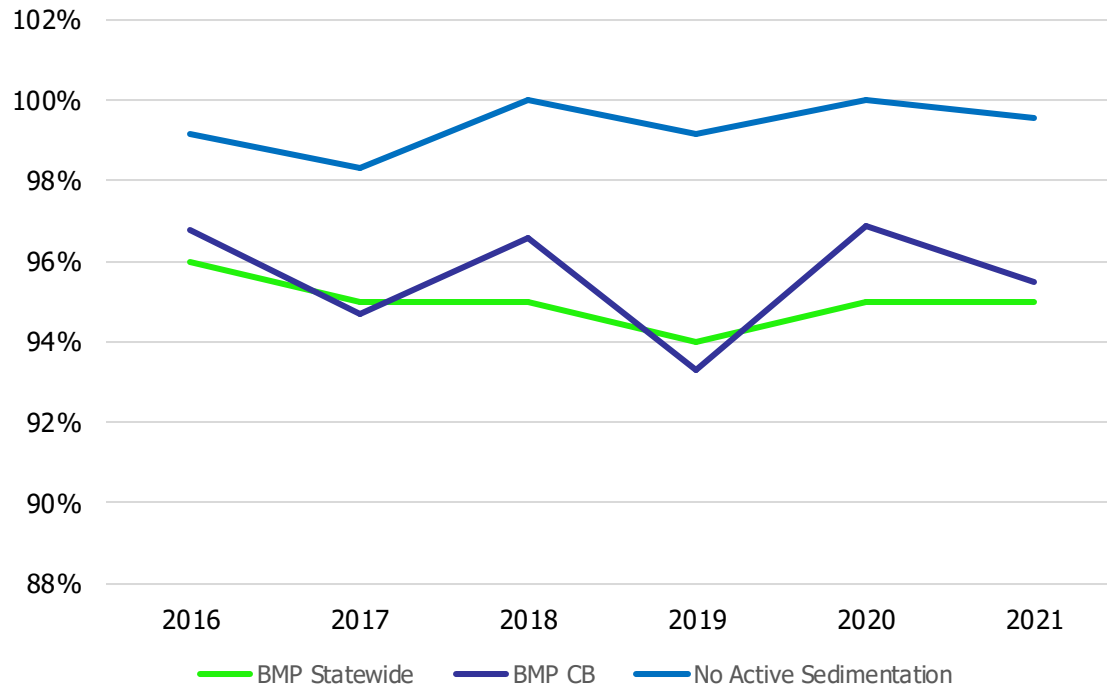


Source:USFS-FIA

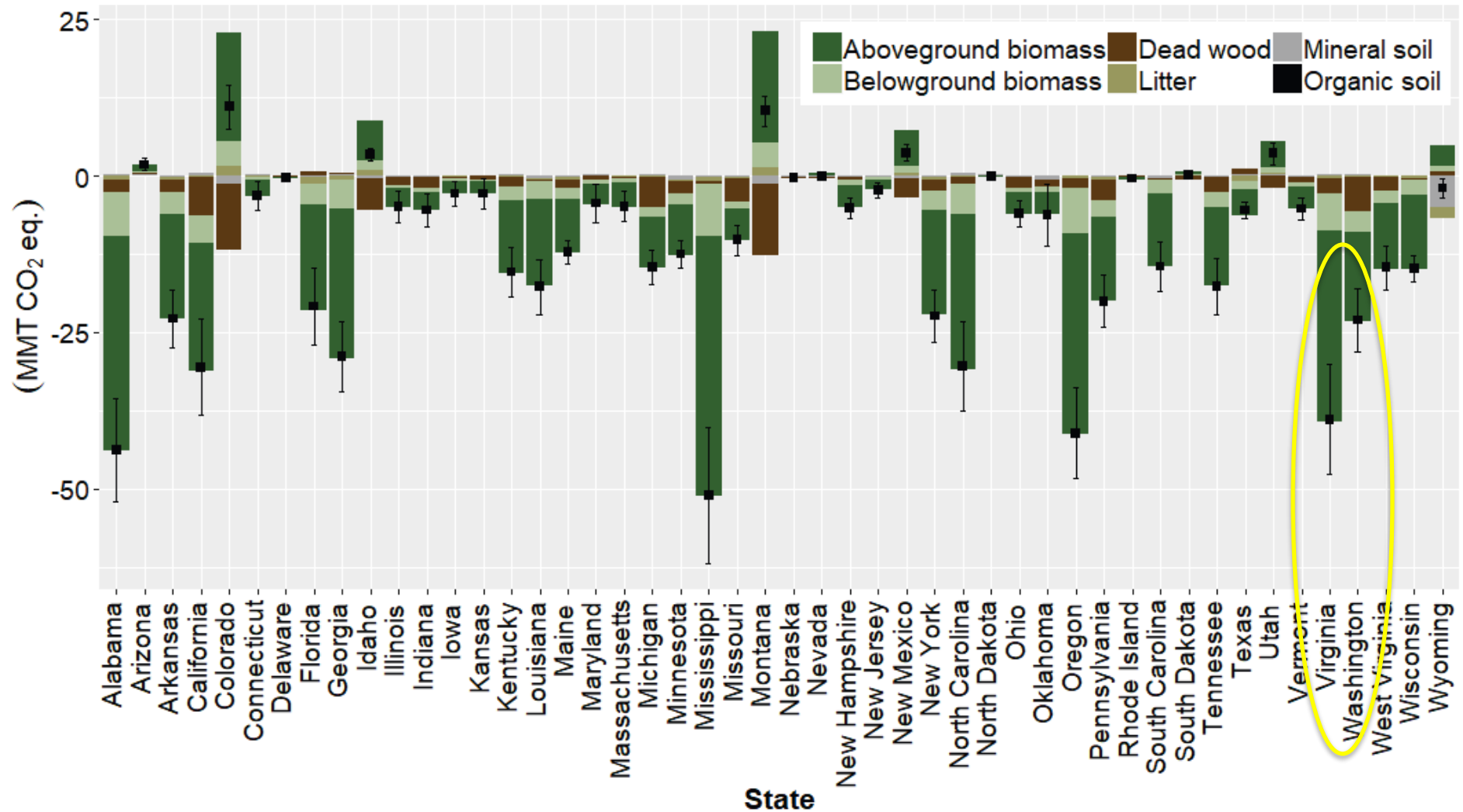
# Chart of Total Harvest Volume



# Timber Harvest BMP Compliance



# 2018 Forest and Tree Carbon Flux by State



Greenhouse gas emissions and removals from forest land, woodlands, and urban trees in the U.S., 1990-2018. USDA FS, 2020









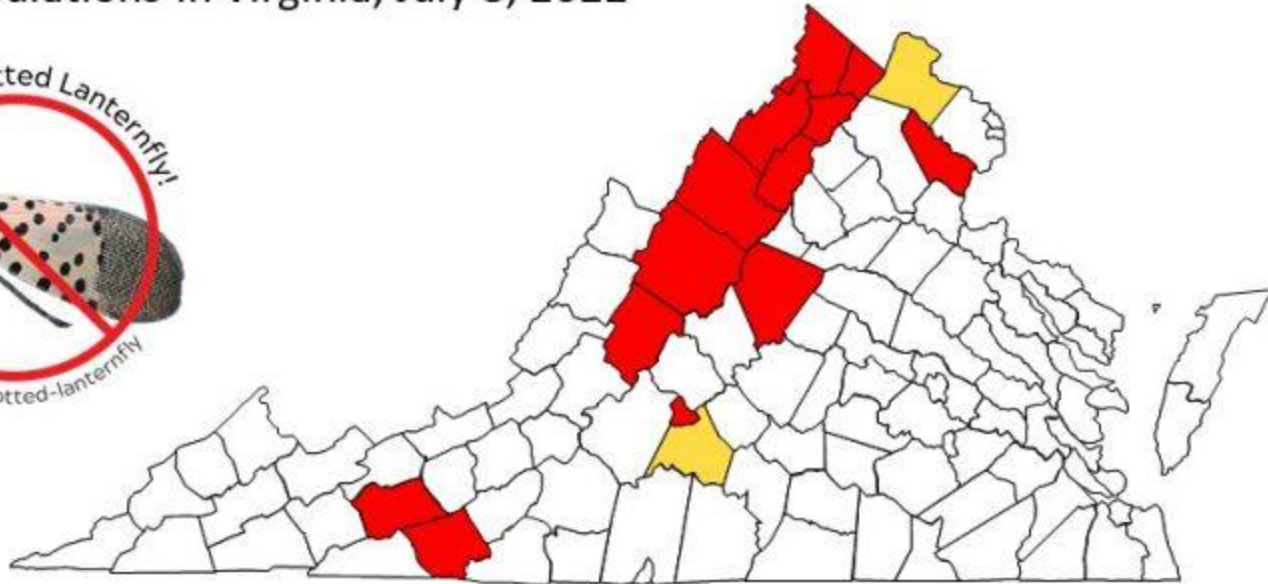
*Photo courtesy of the National Park Service*





COLLEGE OF AGRICULTURE AND LIFE SCIENCES  
**ENTOMOLOGY**  
VIRGINIA TECH.  
Insect Identification Lab

## Currently Known Distribution of Reproducing Spotted Lanternfly Populations in Virginia, July 8, 2022



**Red**

Current Virginia Department of Agriculture and Consumer Services (VDACS) quarantine for Spotted Lanternfly

**Yellow**

Lightly infested or only small, localized populations and not quarantined by VDACS





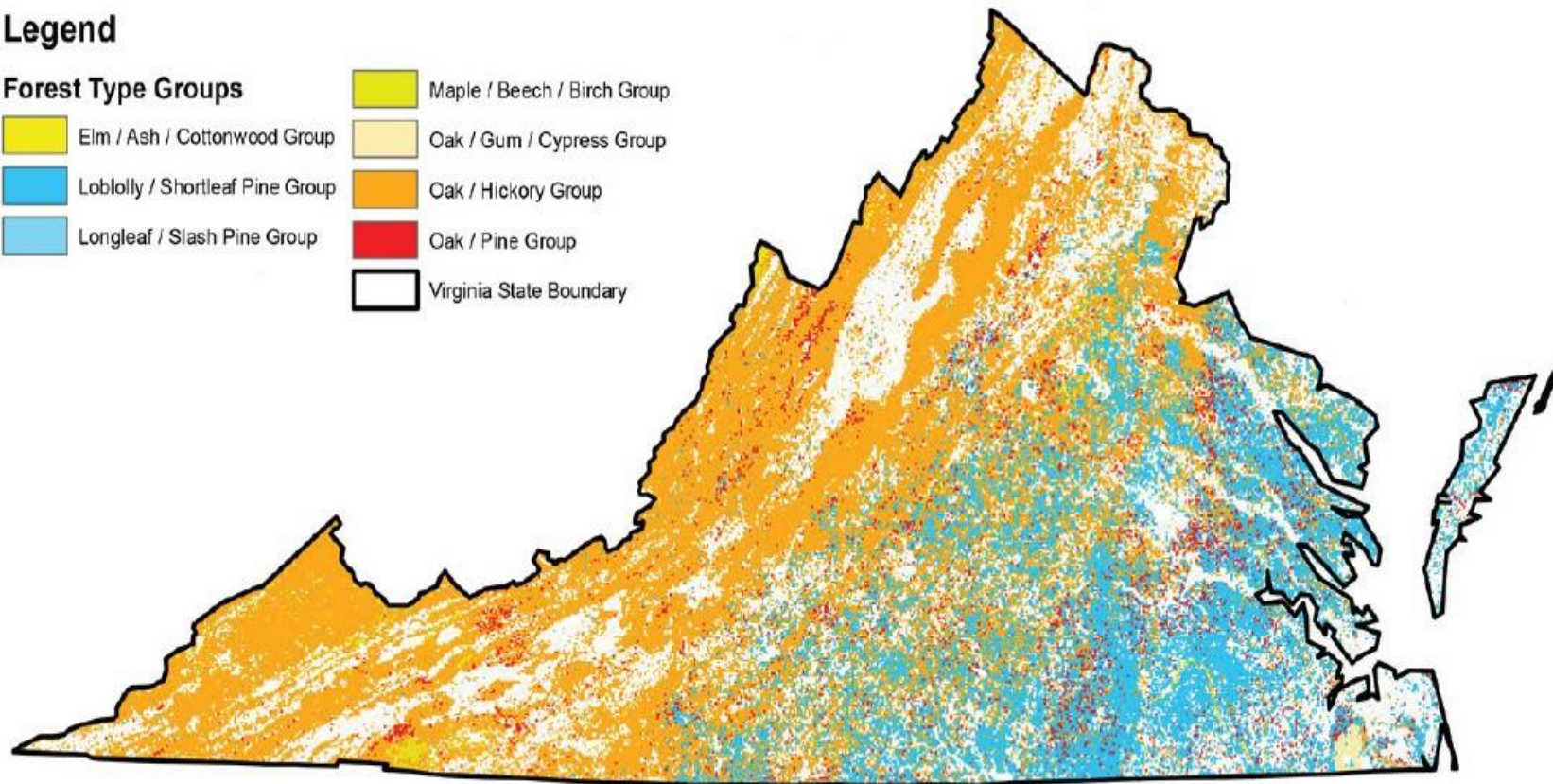
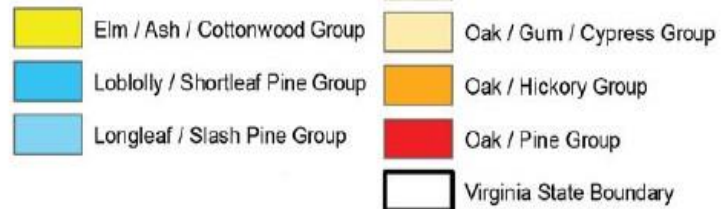




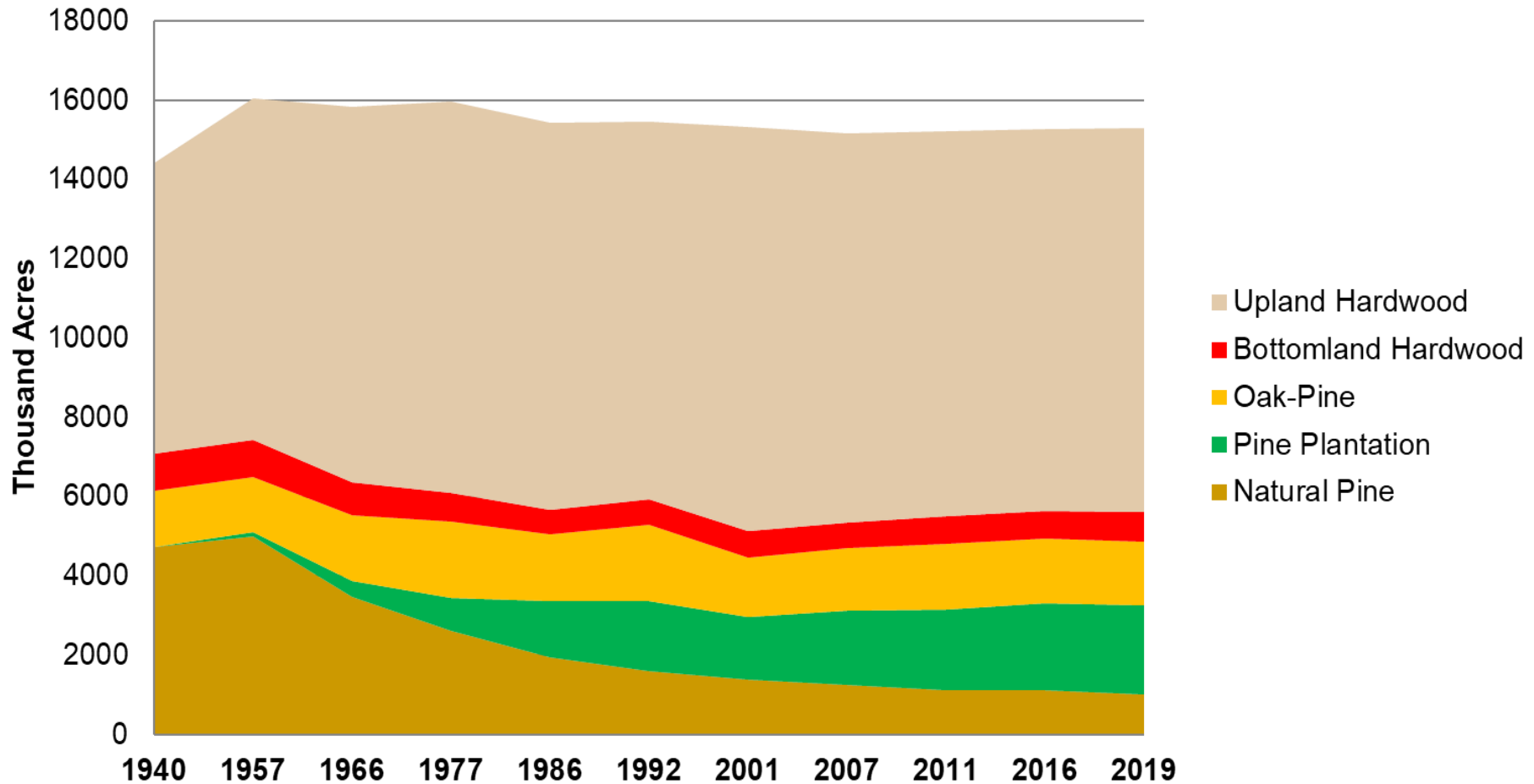


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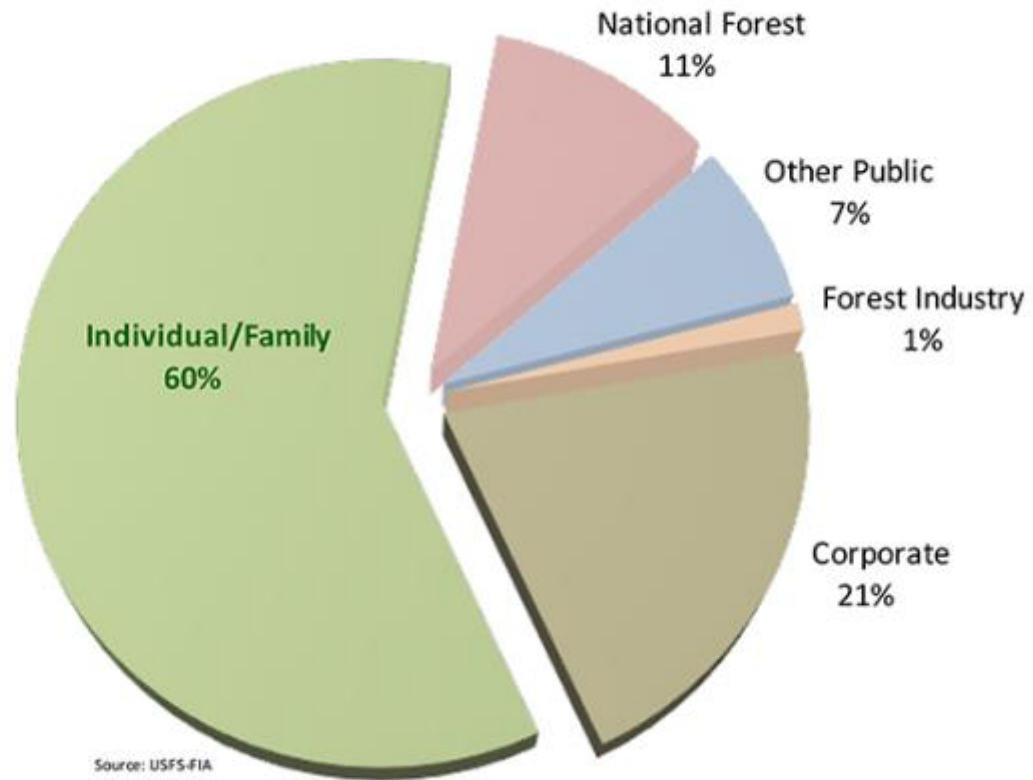


## Forest Types on Timberland, 1940 - 2019





## Forest Ownership in Virginia



# ■ Forest Products

## ◆ Pine

- Sawtimber
- Pulpwood



## ◆ Hardwood

- Sawtimber
- Pulpwood



## ◆ Biomass

