

Woody Biomass on Wisconsin Forestland



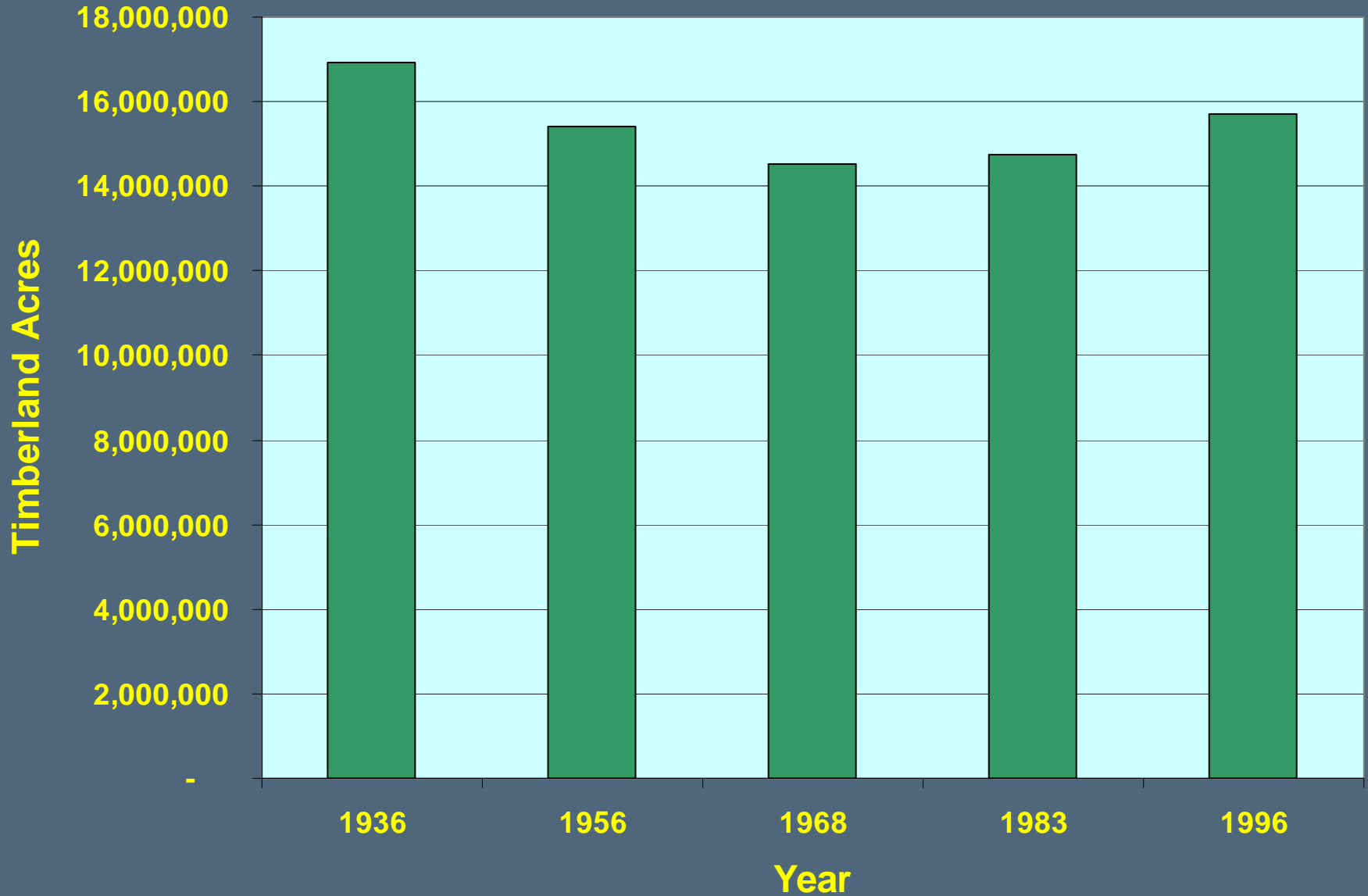
Vern Everson
Wisconsin DNR
- Div. of Forestry

Forest Inventories

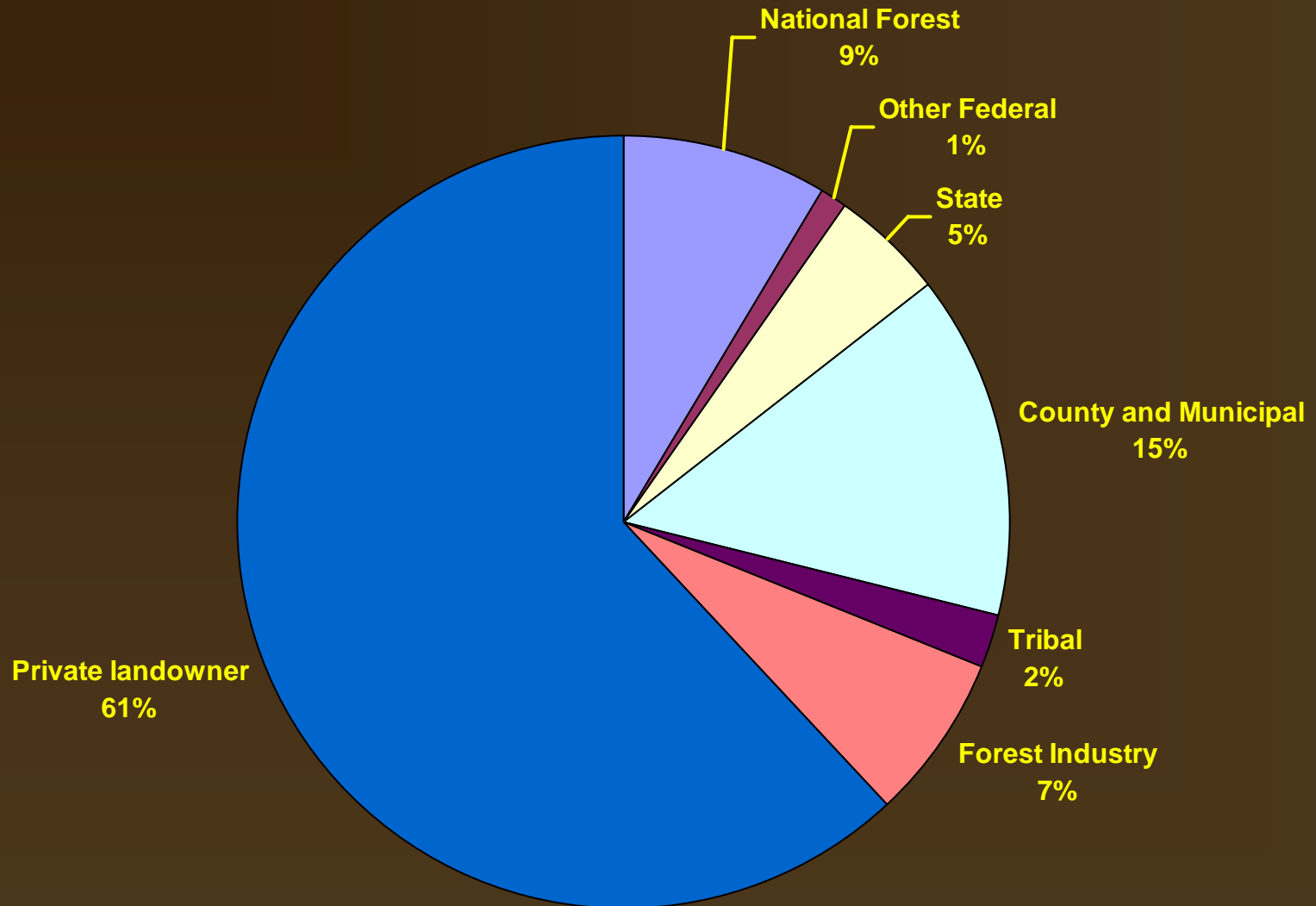
- **First - 1936**
- **Second - 1956**
- **Third - 1968**
- **Fourth - 1983**
- **Fifth - 1996**
- **Sixth - 2000-04**



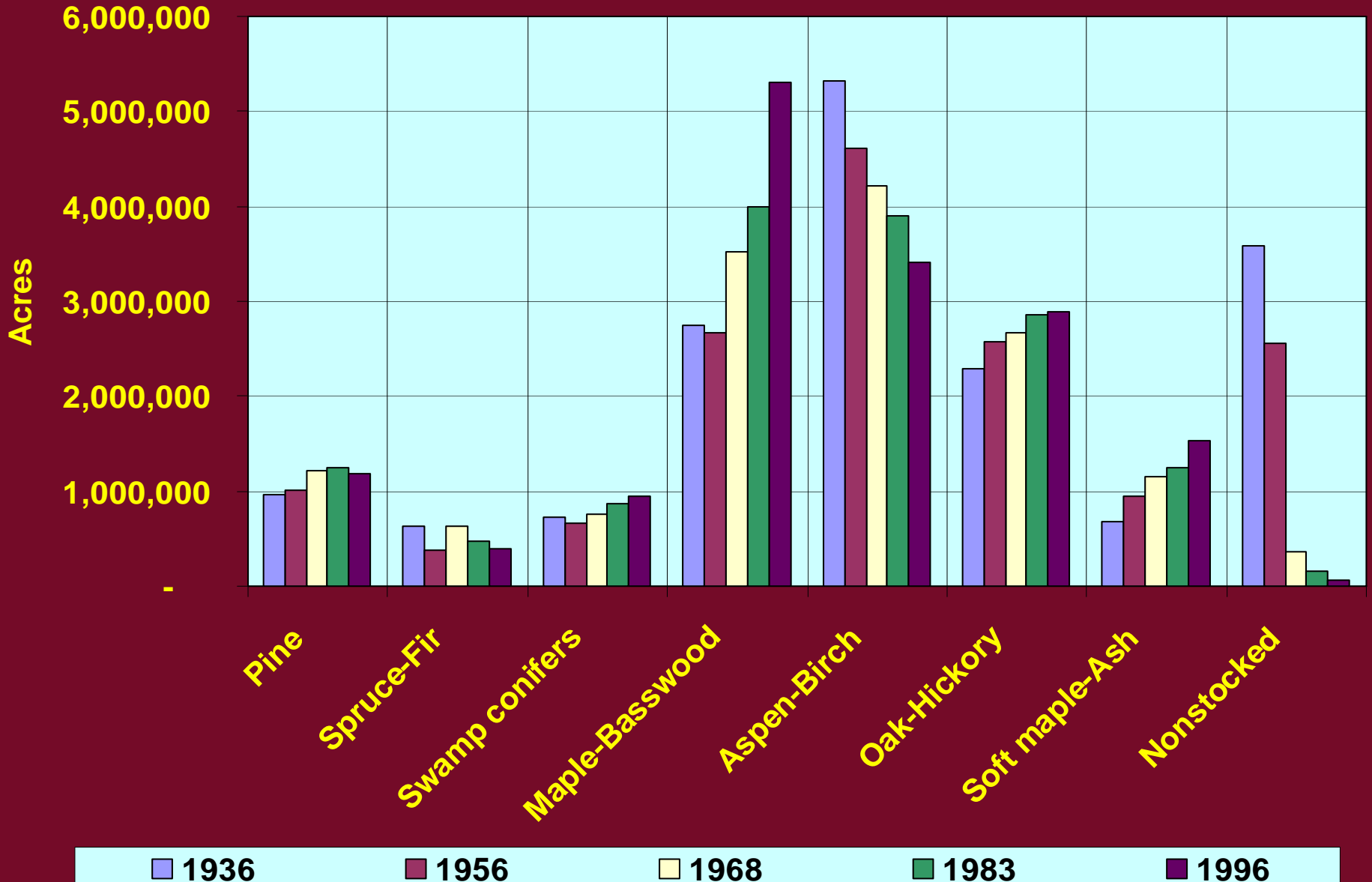
Timberland Acres, 1936-1996



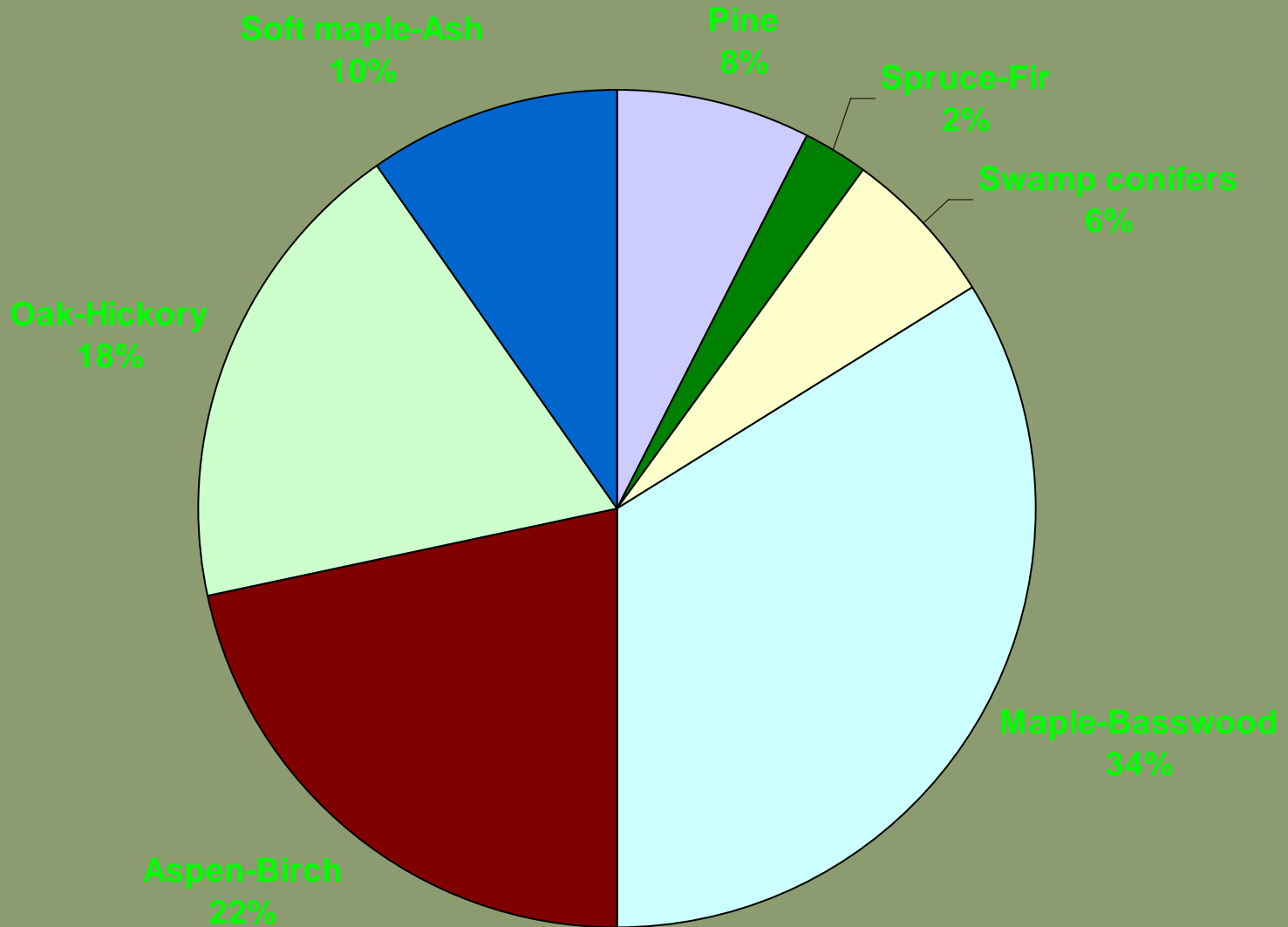
All timberland ownership, 1996



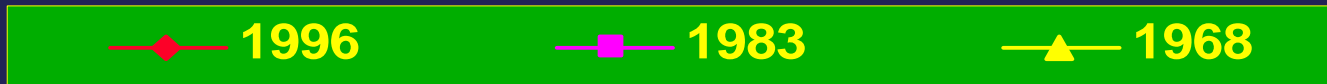
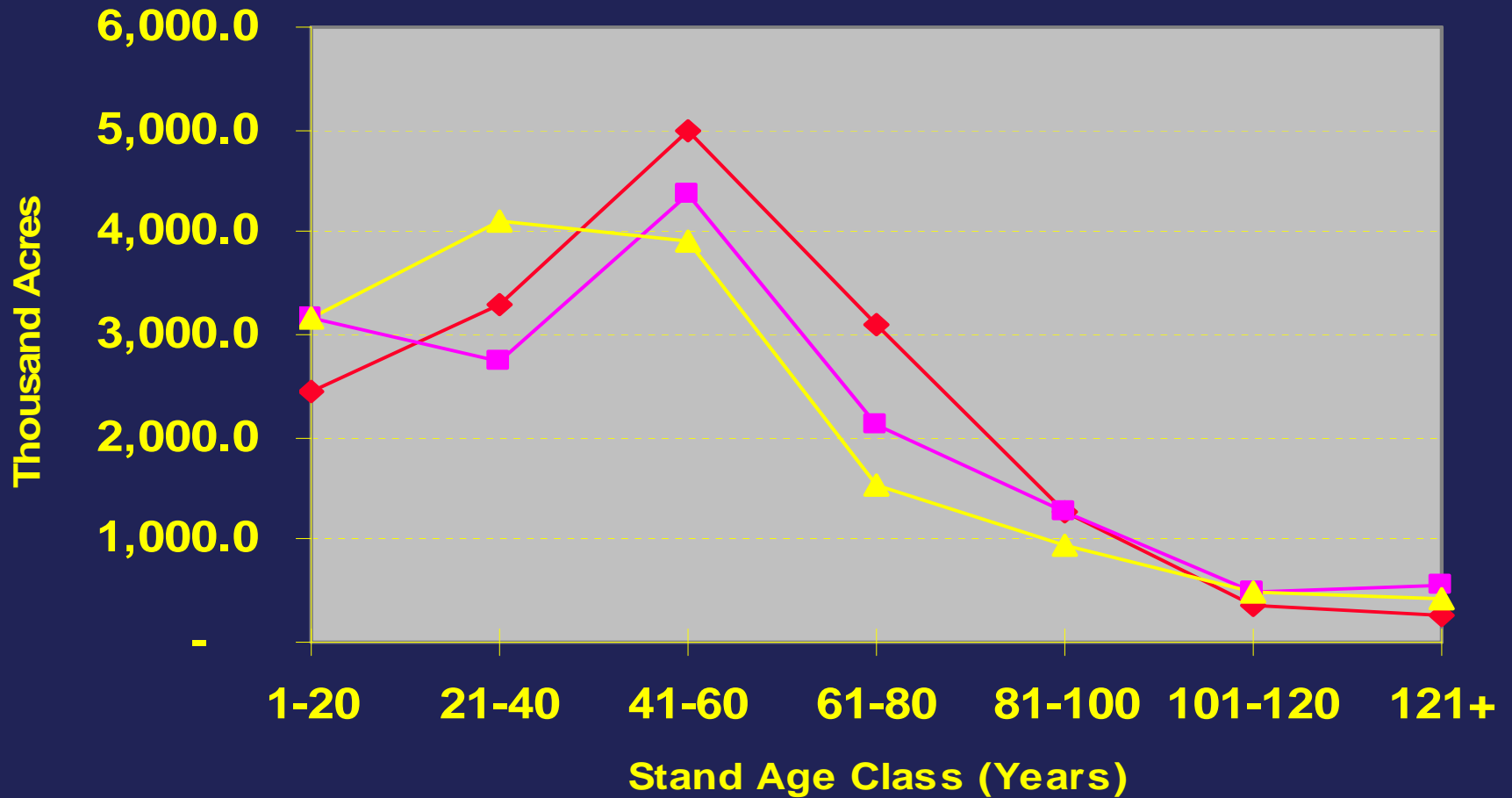
Timberland by forest type group, 1936-96



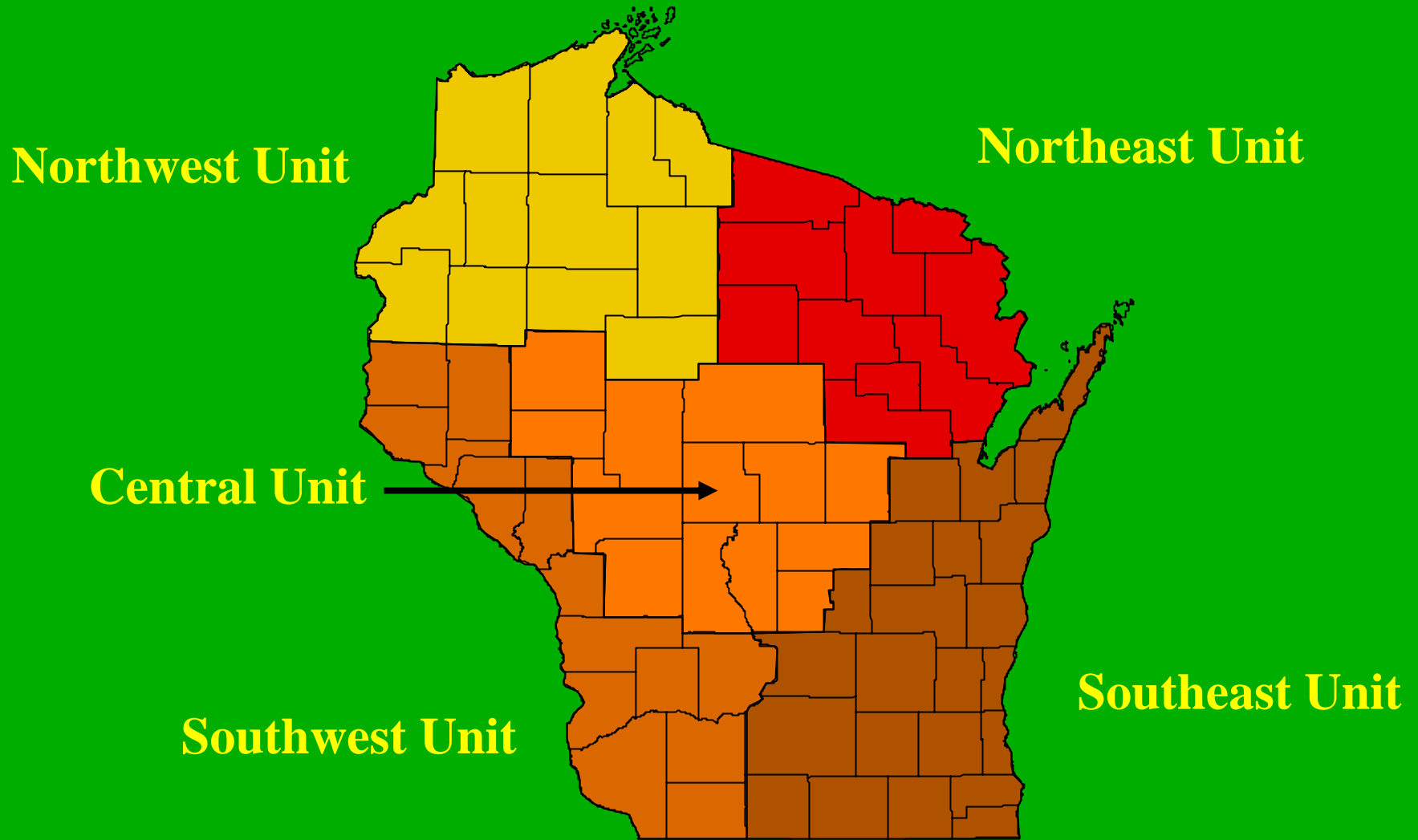
Timberland by forest type group, 1996



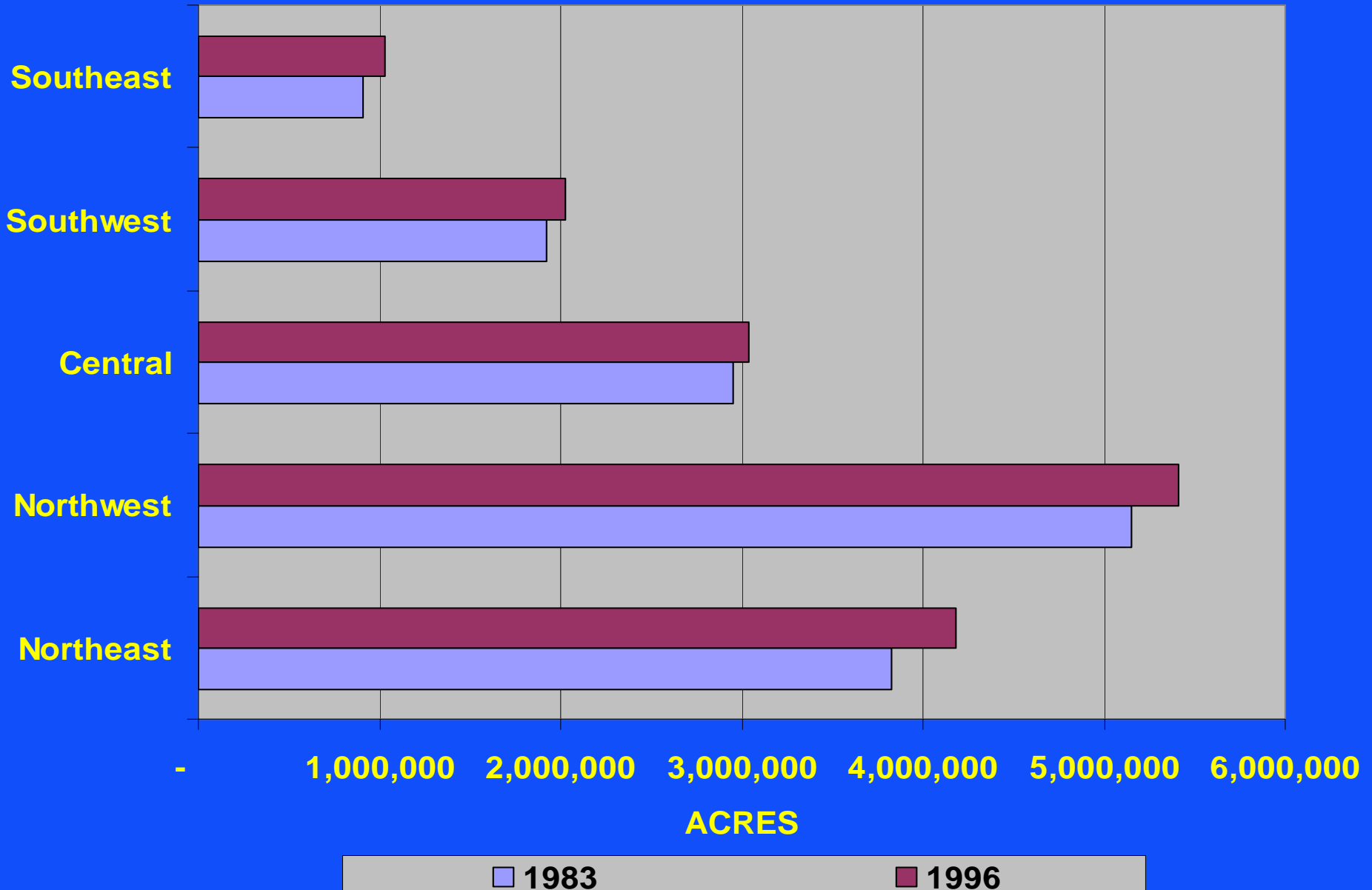
All Timberland Acreage by Stand Age Class



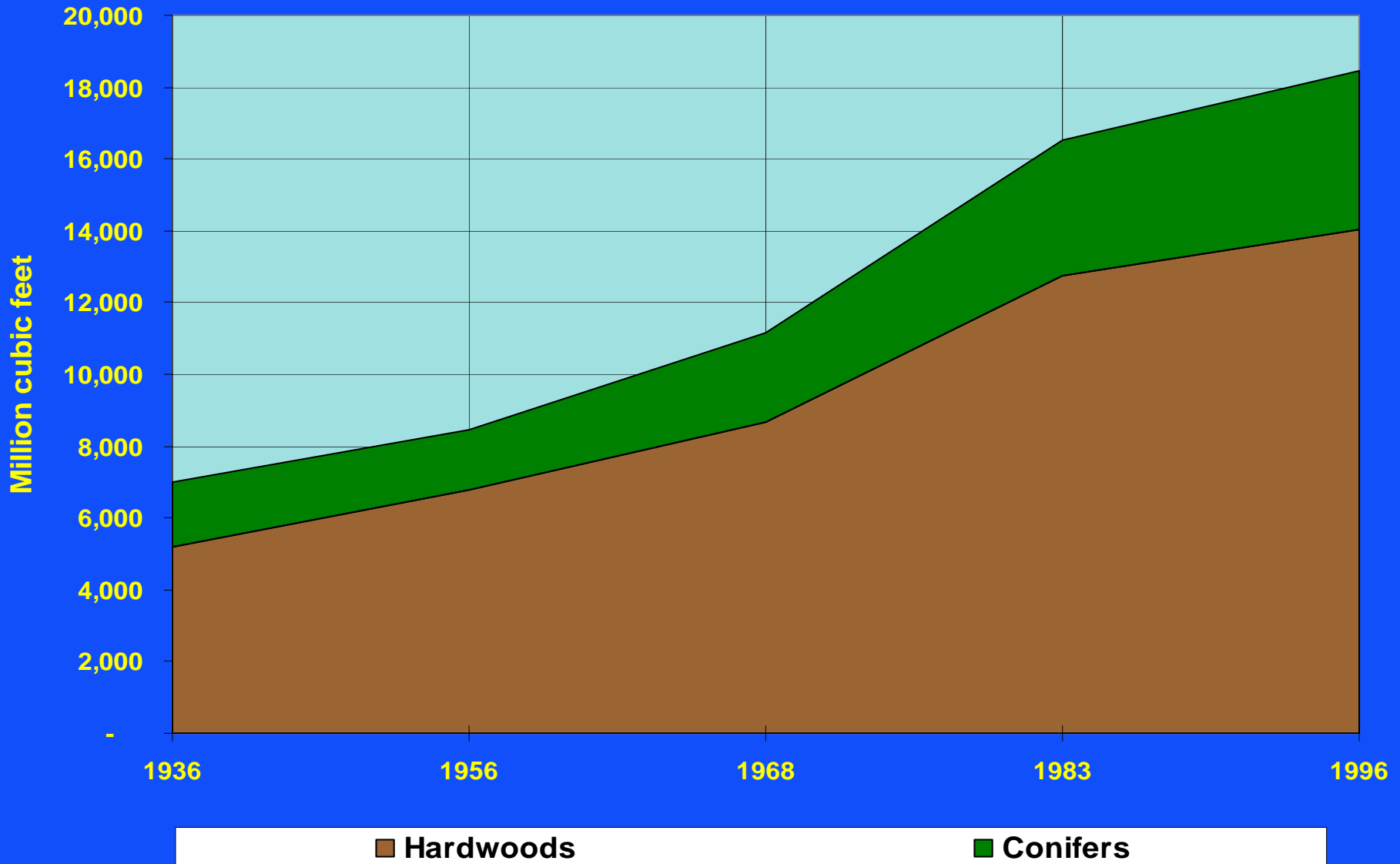
USDA Forest Service Survey Units



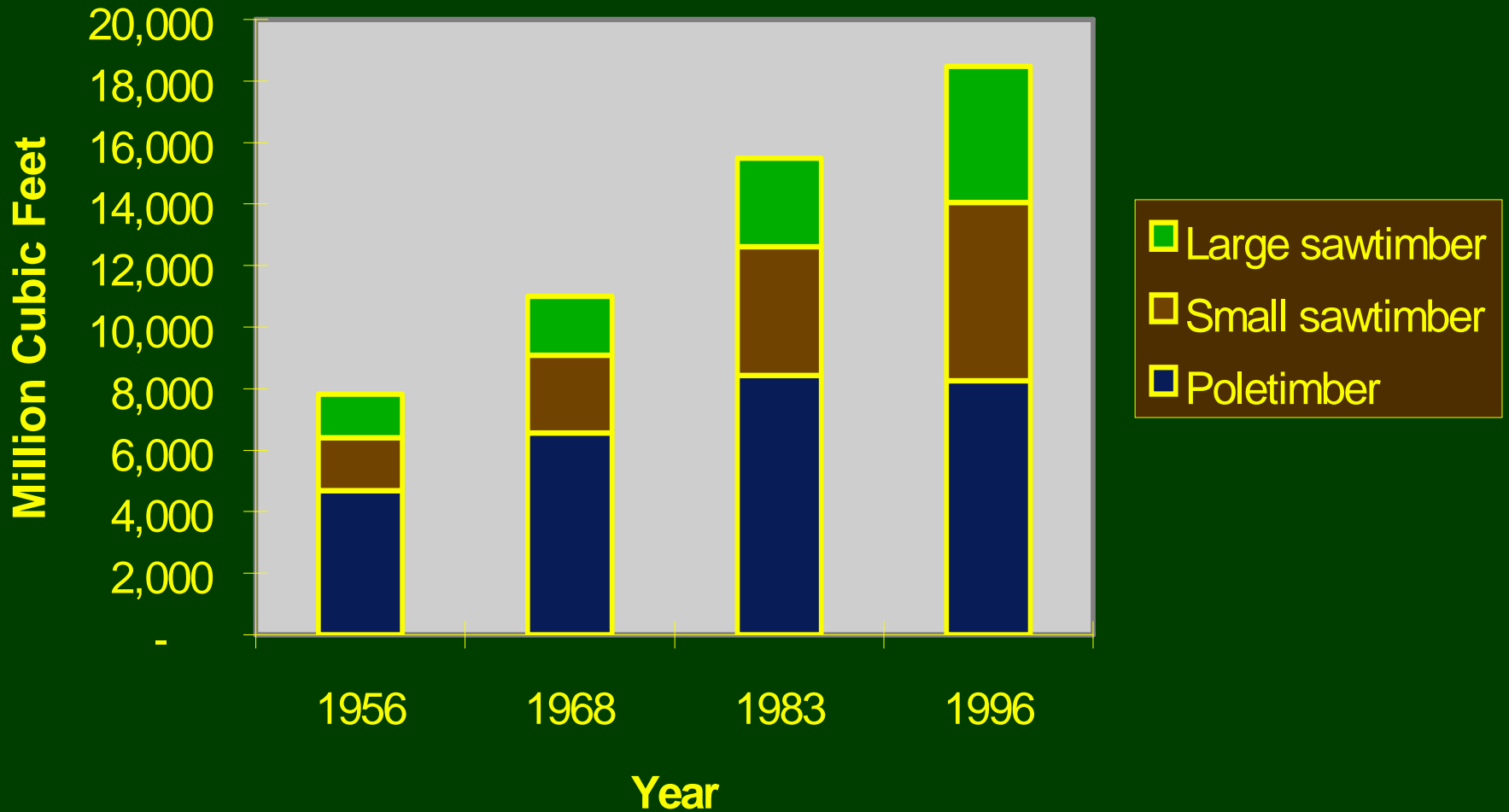
Timberland by Forest Survey Unit, 1983-96



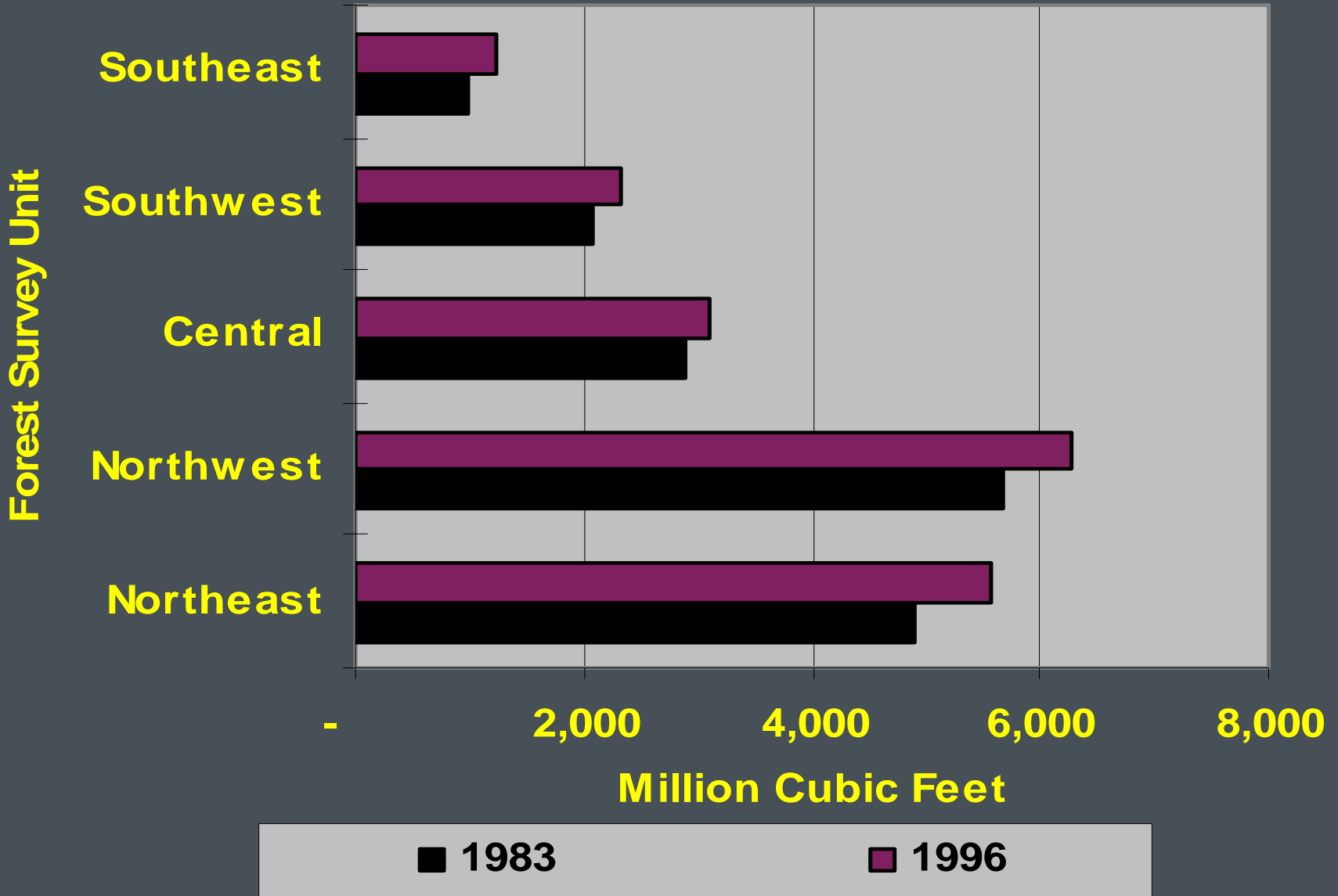
Total growing stock volume, 1936-1996



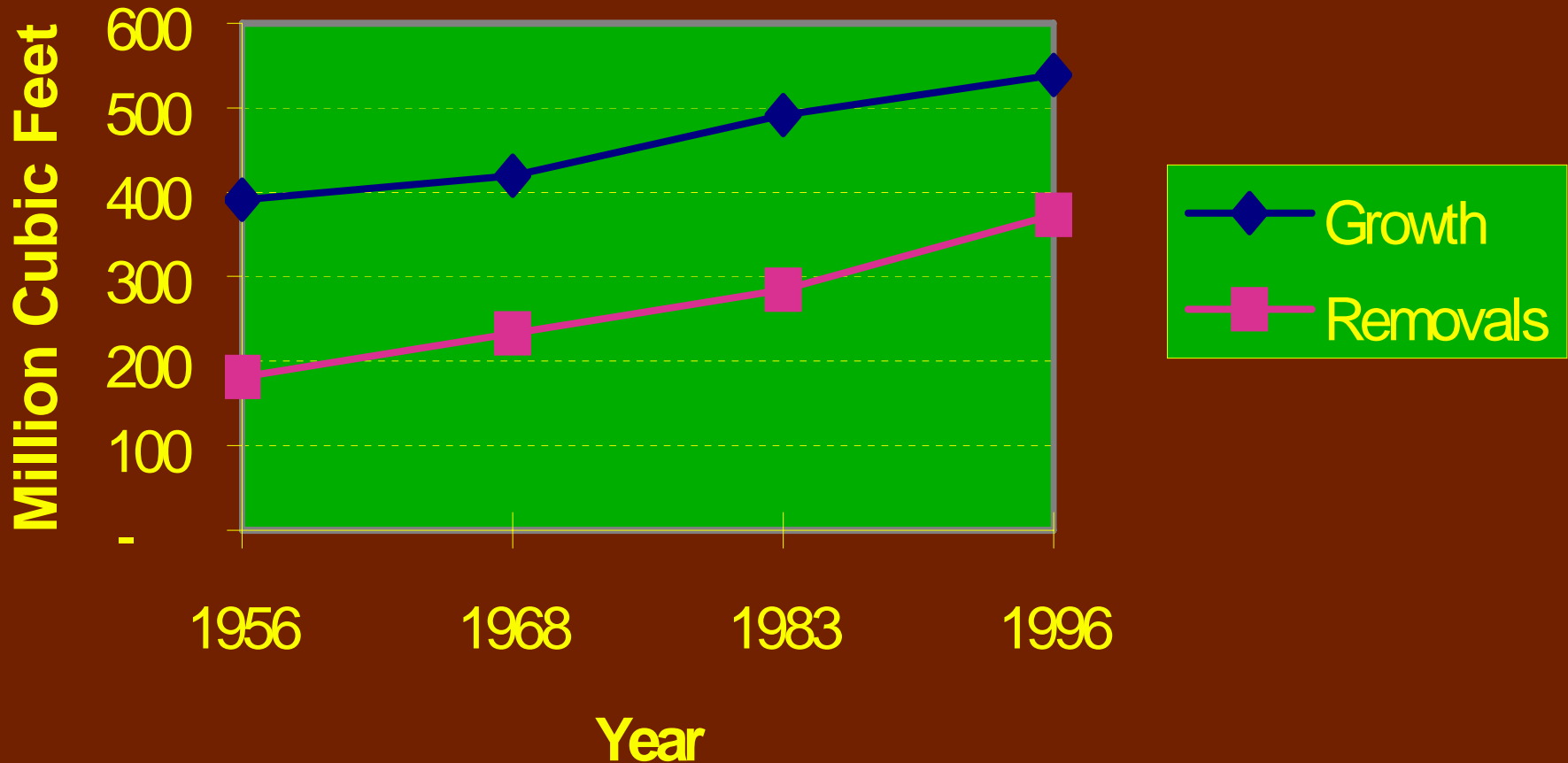
Growing Stock Volume on Timberland by Diameter Class Group



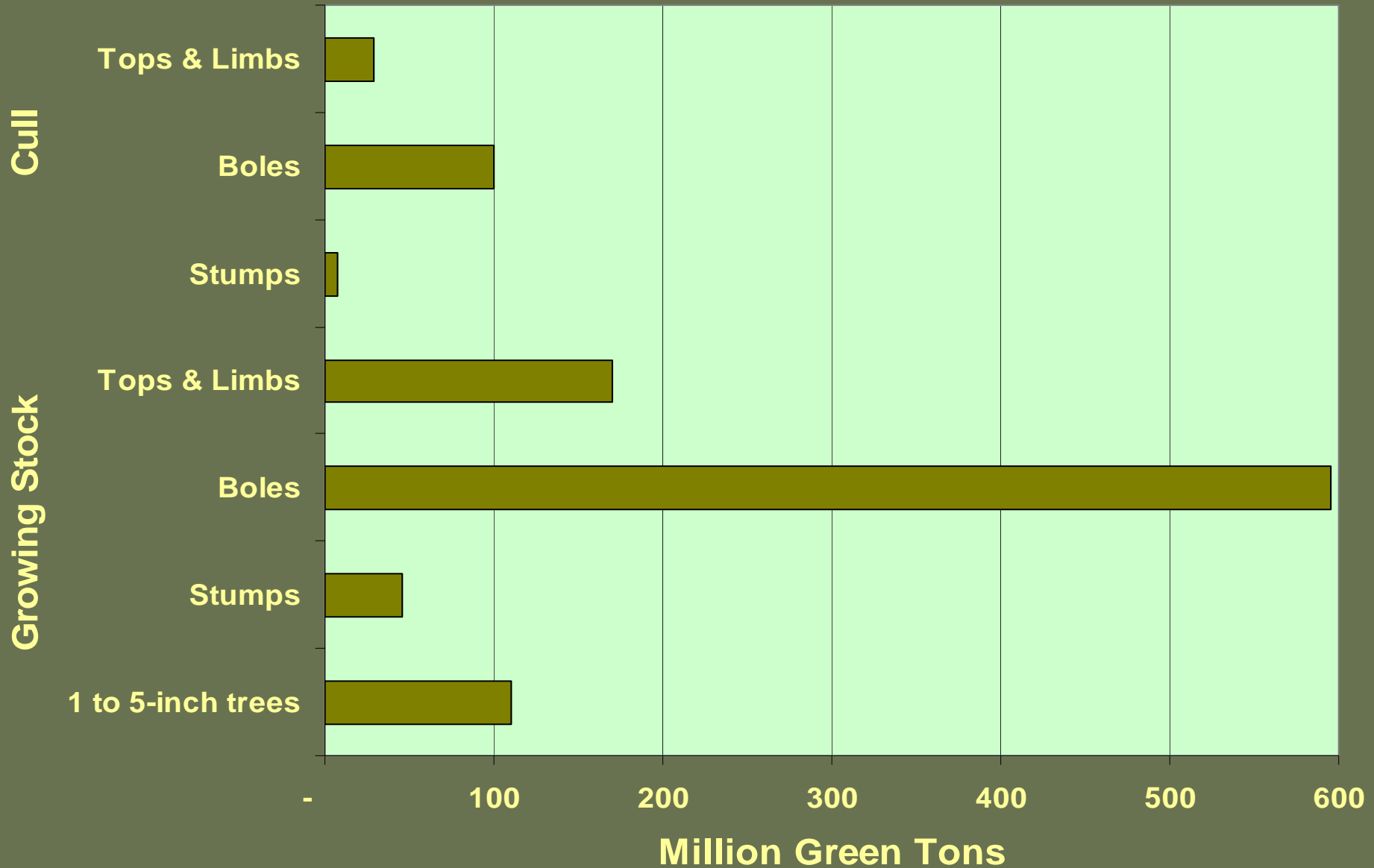
Total Growing Stock Volume on Timberland by Forest Survey Unit



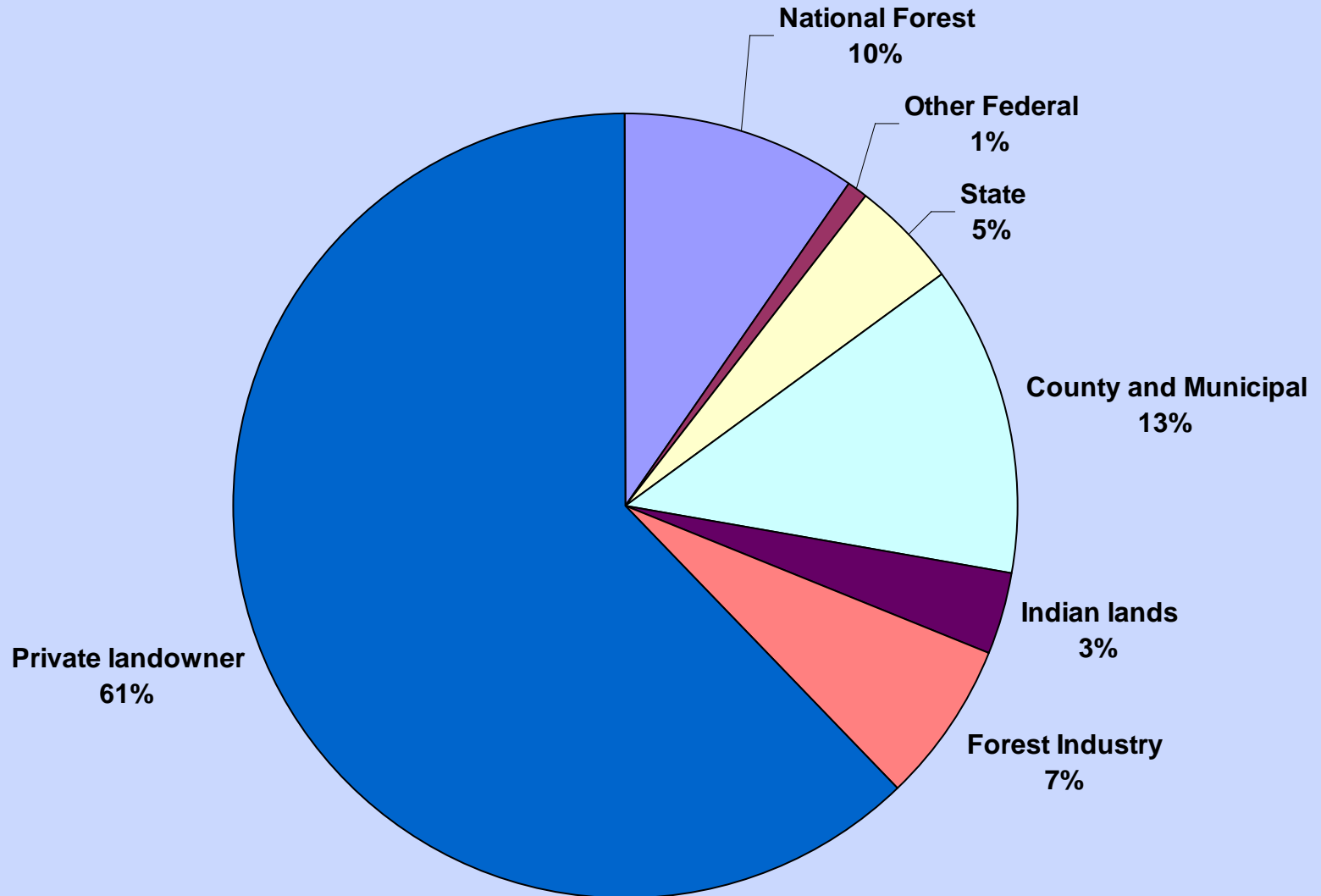
Current Annual Growth and Removals of Growing Stock on Timberland



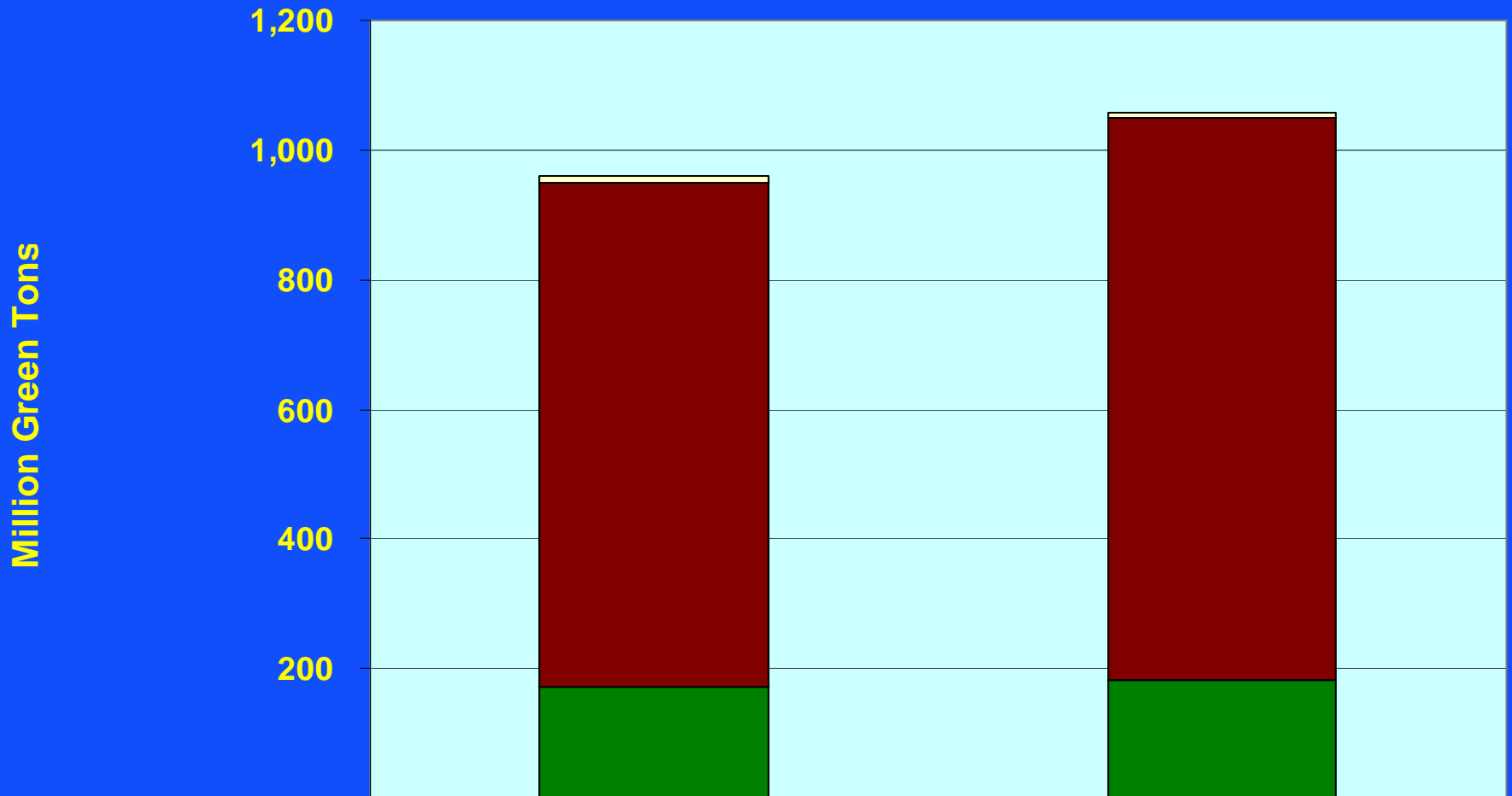
All Live Tree Biomass by Component, 1996



All Live Tree Biomass by Ownership, 1996



All Live Tree Biomass by Major Species Group



■ Noncommercial
■ Hardwoods
■ Conifers

1983

1996

12

9

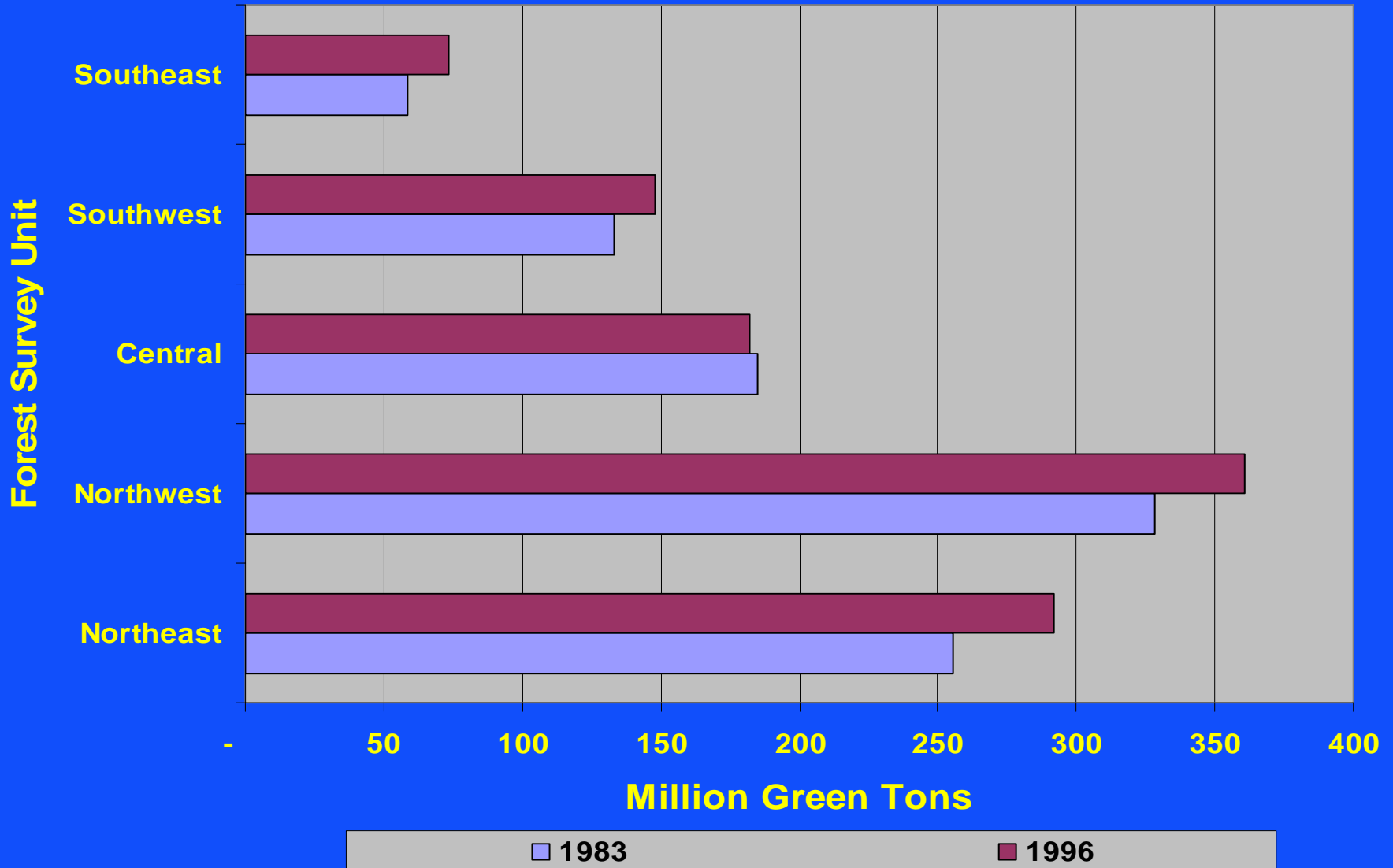
779

866

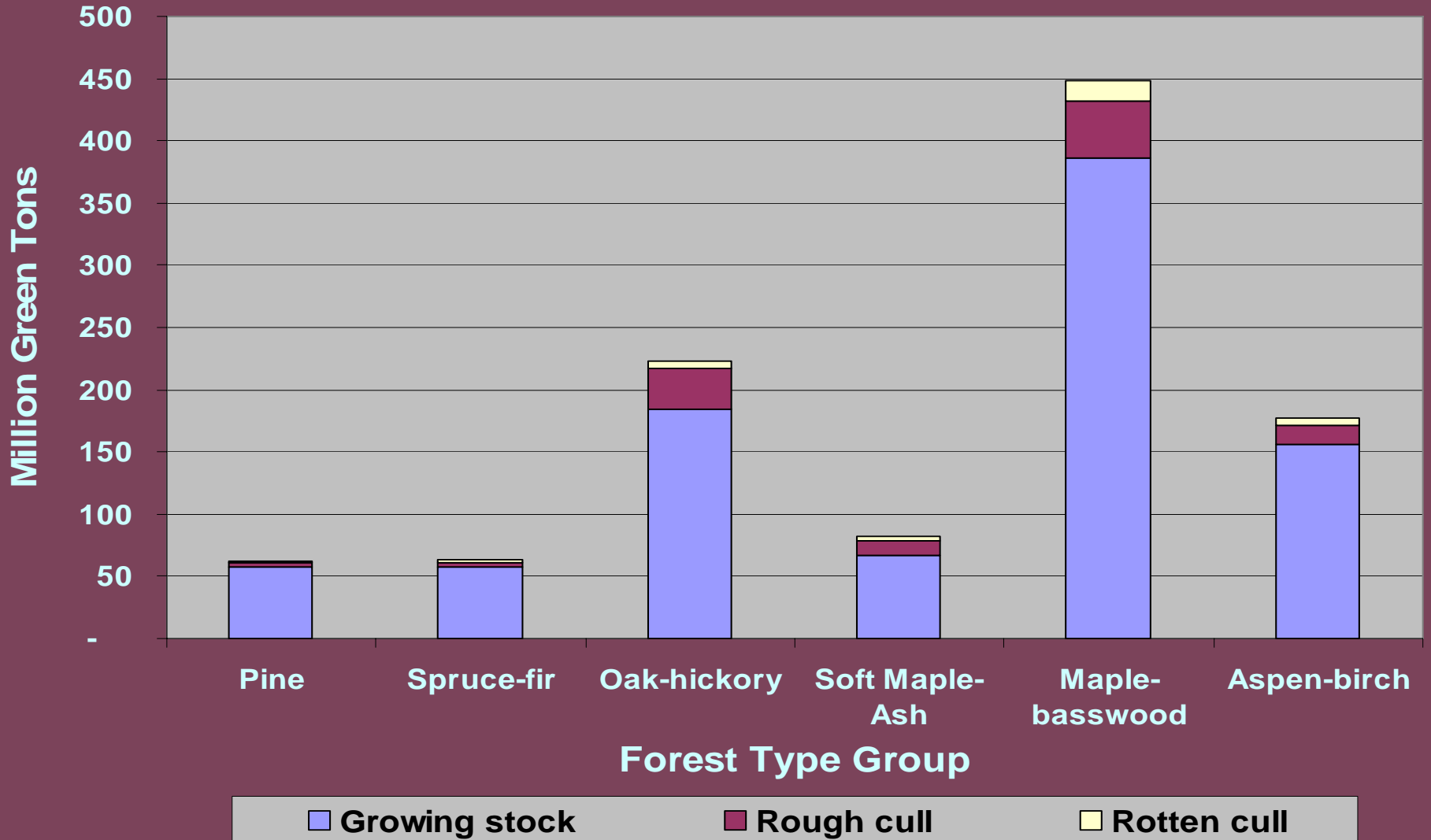
170

183

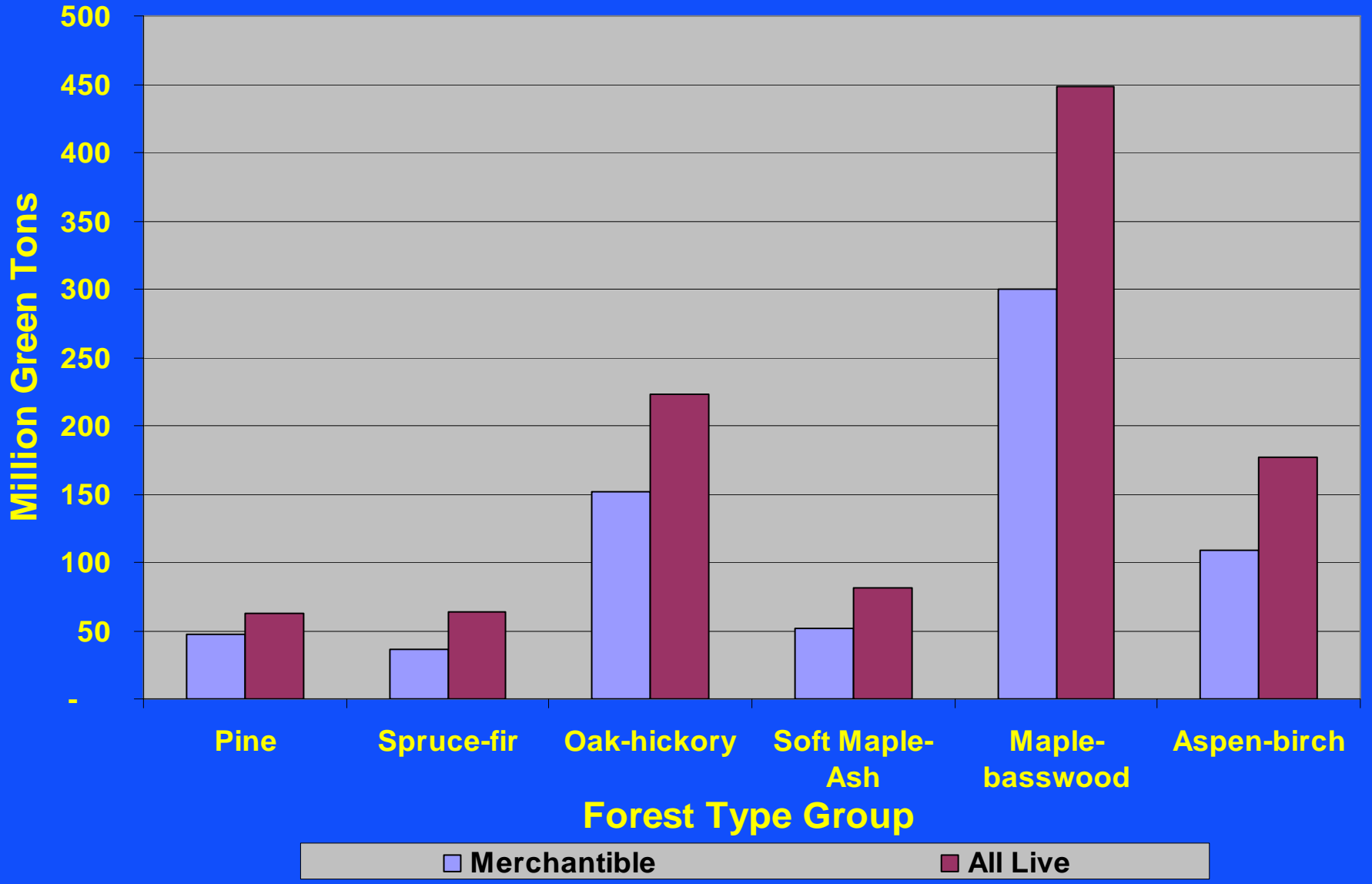
All Live Tree Biomass by Forest Survey Unit



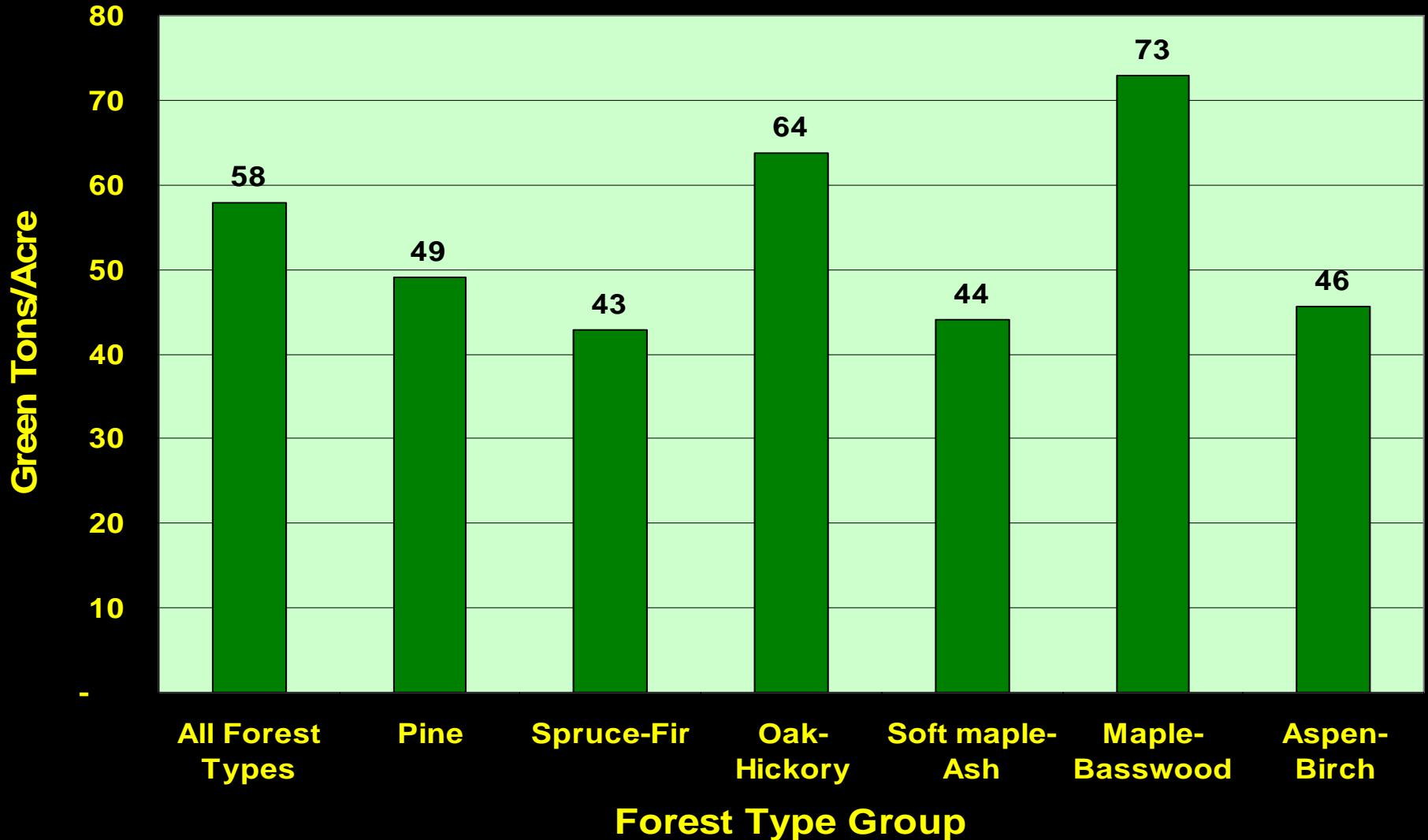
All Live Tree Biomass by Forest Type Group and Tree Class, 1996



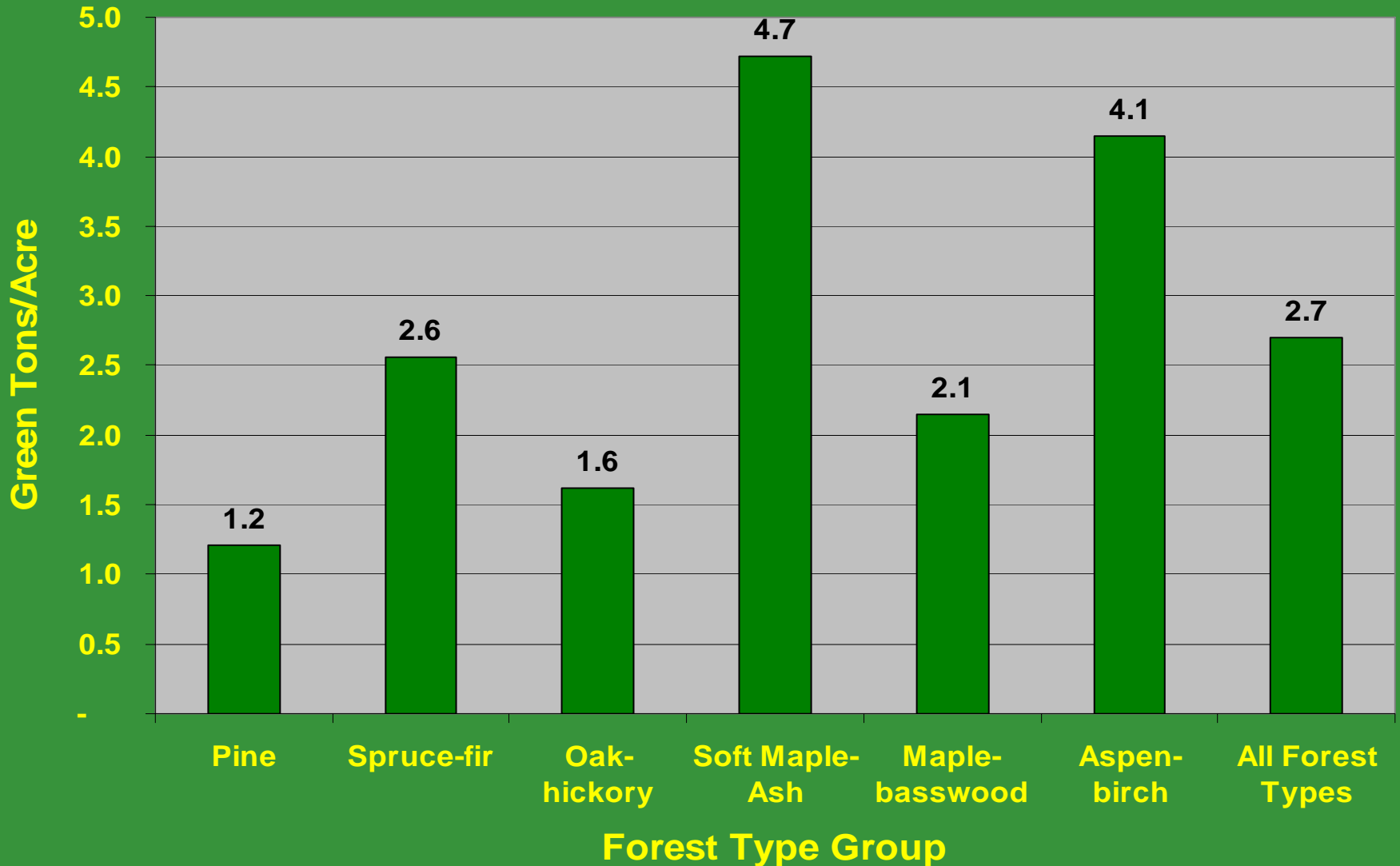
Merchantable and All Live Tree Biomass by Forest Type Group, 1996



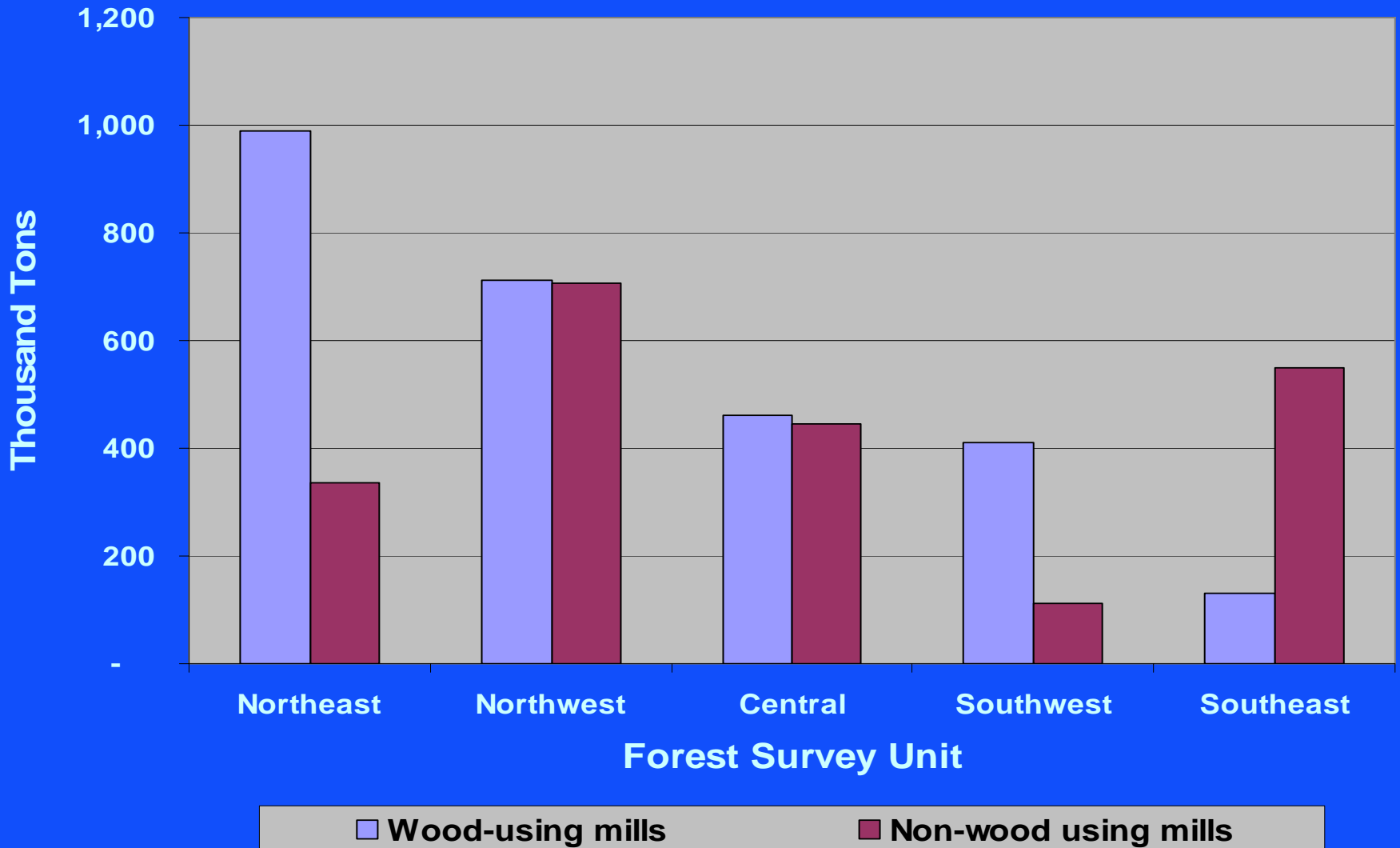
All Live Tree Biomass per Acre by Forest Type Group, 1996



Woody Shrubs and Seedlings Biomass per Acre by Forest Type Group, 1996



Annual Wood Residue Production, 1990



Summary

- **Private landowners own majority (61%) of woody biomass.**
- **Over one billion tons of tree biomass.**
- **Live tree biomass greatest on Oak-hickory and Maple-basswood forest types**
- **Shrubs and Seedlings constitute less than 5% of total woody biomass.**