

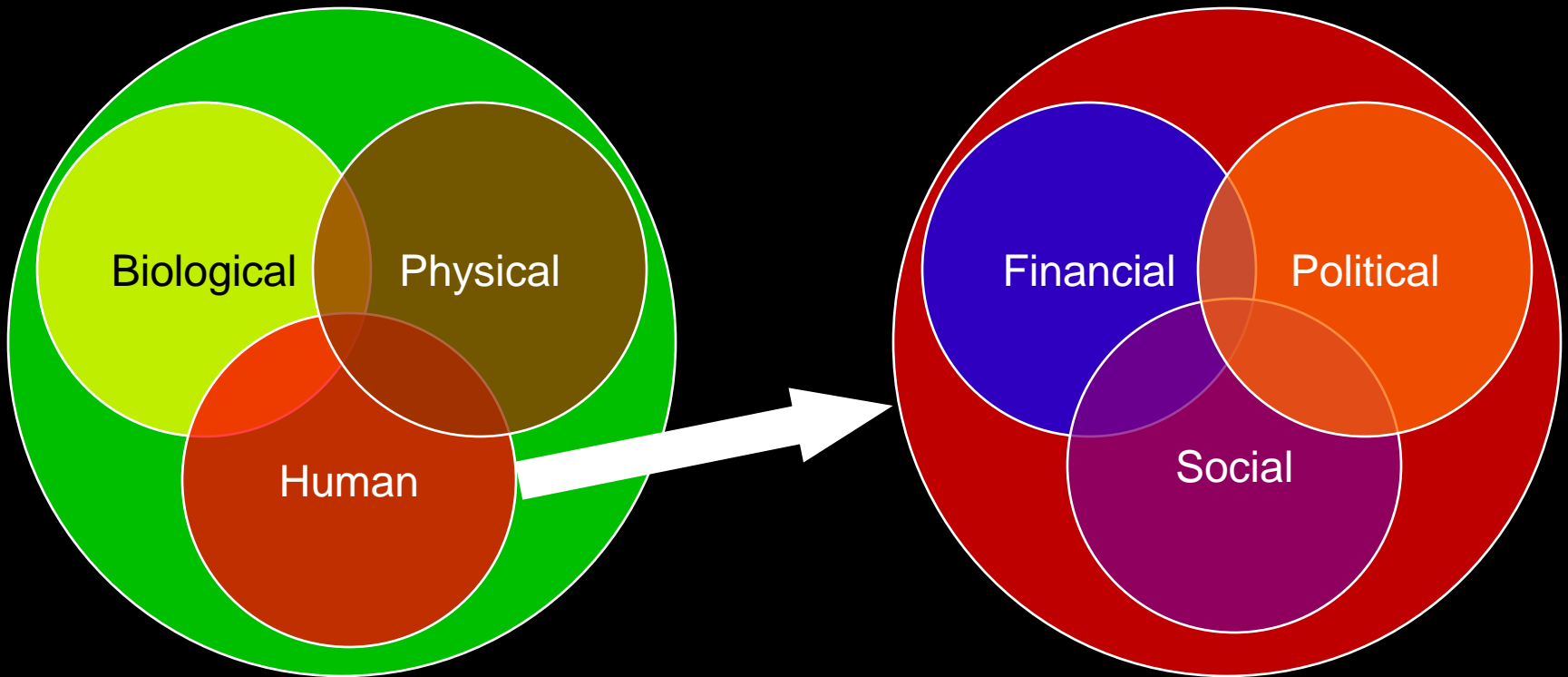
Small-Scale Forestry in the United States: The Urban- Rural Continuum

Brett J. Butler, U.S. Forest Service

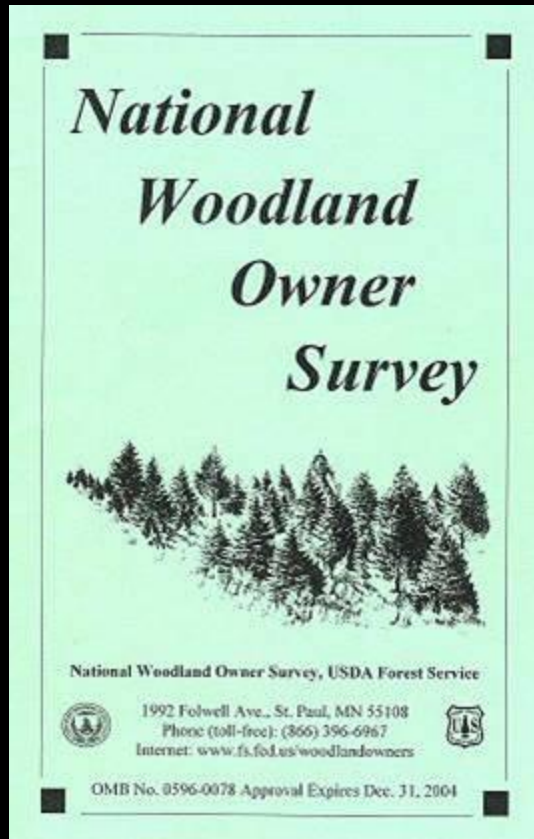
Outline

- Forest dimensions
- Forest ownership in the United States
- Forest ownership along the urban-rural continuum
- Implications

Forest Dimensions



National Woodland Owner Survey

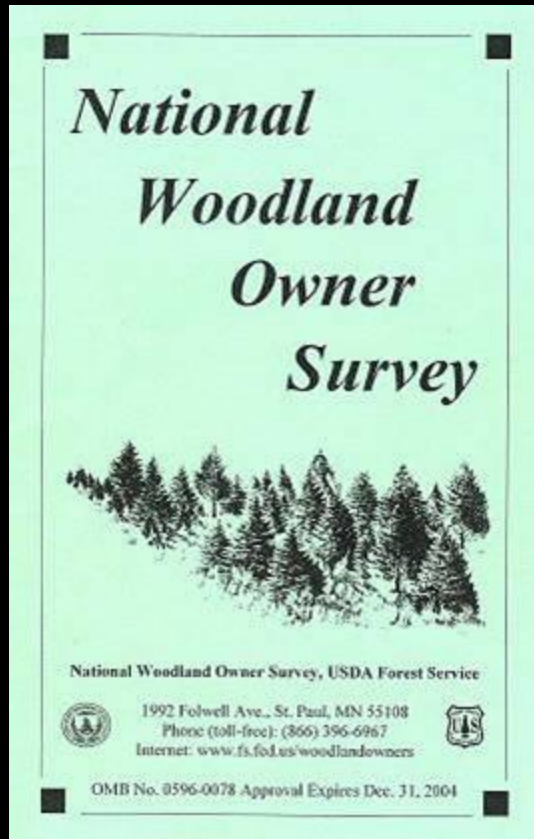


Conducted by the U.S. Forest Service, Forest Inventory and Analysis program

To better understand:

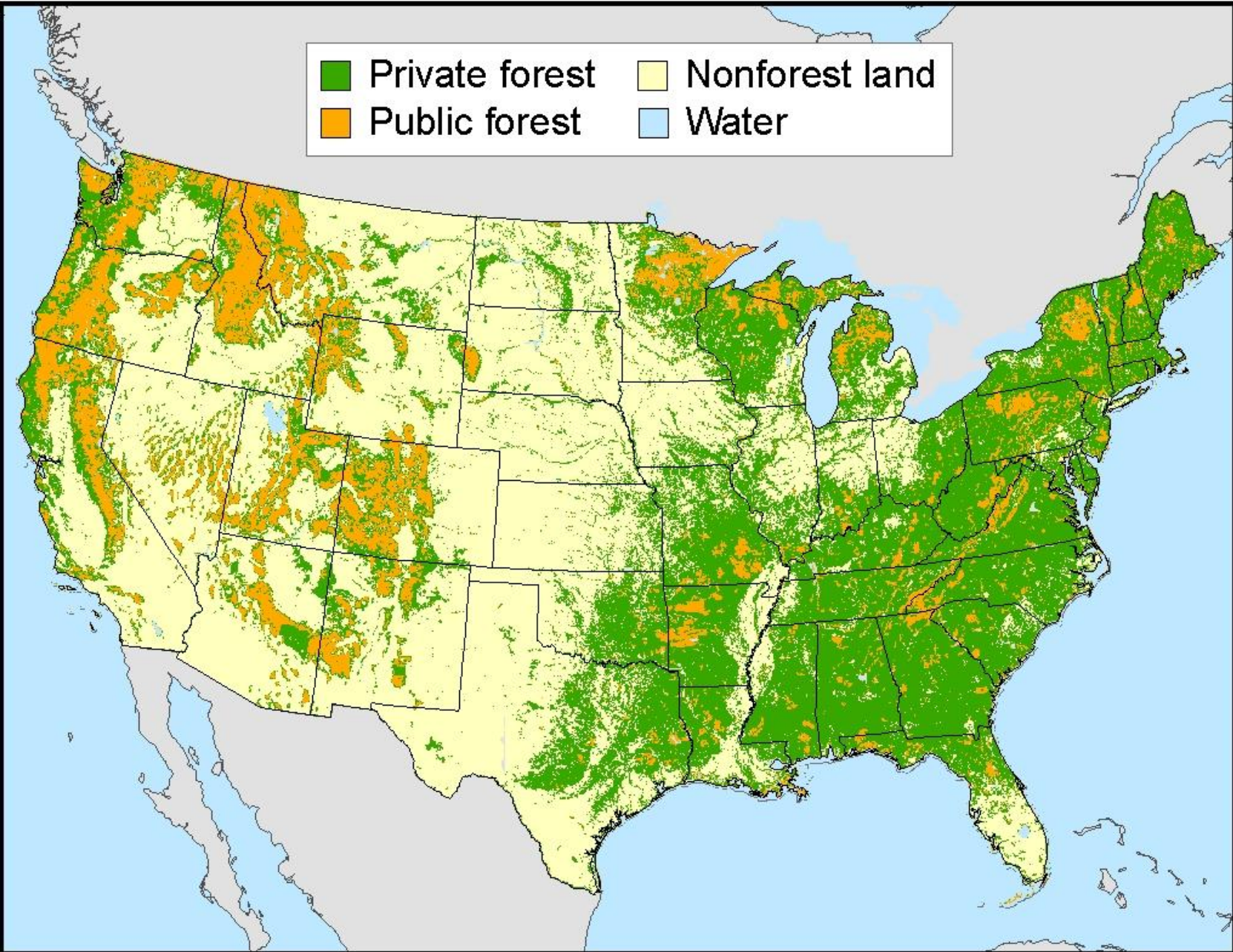
- Who the landowners are
- Why they own land
- How they have used it
- How they intend to use it

National Woodland Owner Survey

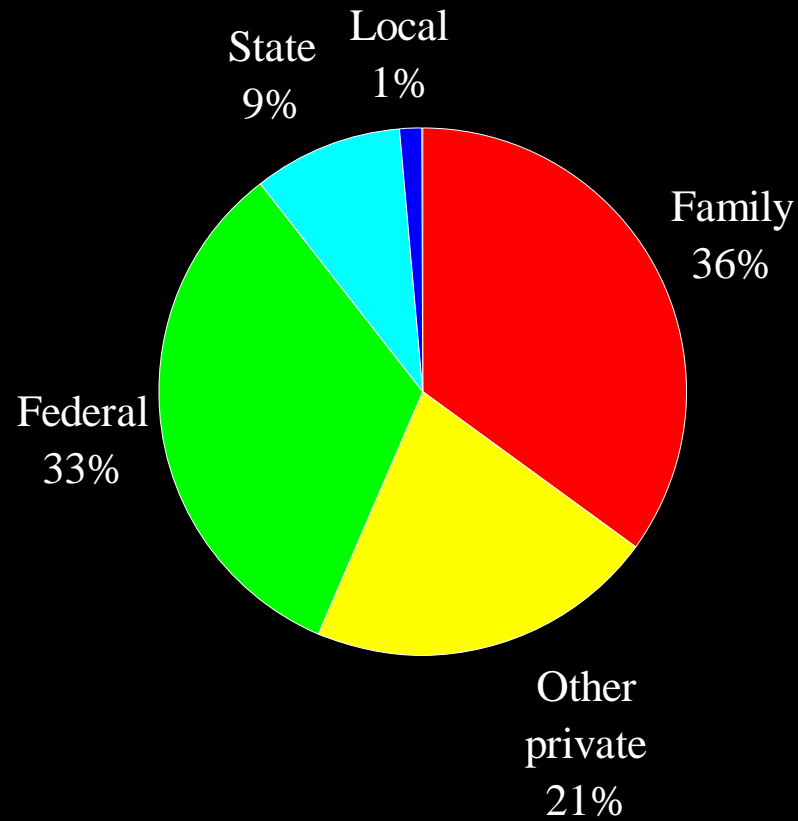


- Simple random sample/probability proportional to size
- Sample size: 15,440 respondents
- Cooperation rate: 51%

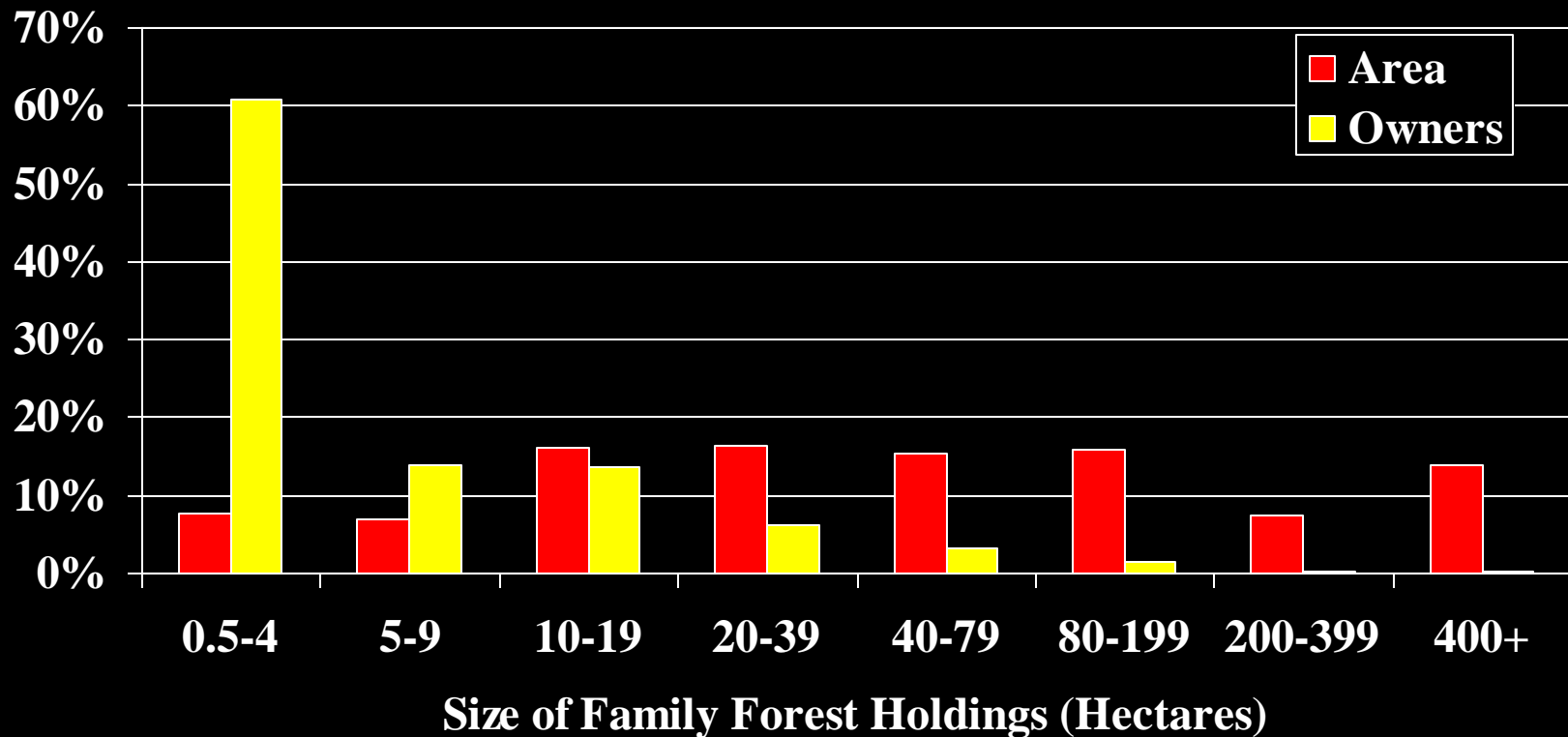
■ Private forest ■ Nonforest land
■ Public forest ■ Water



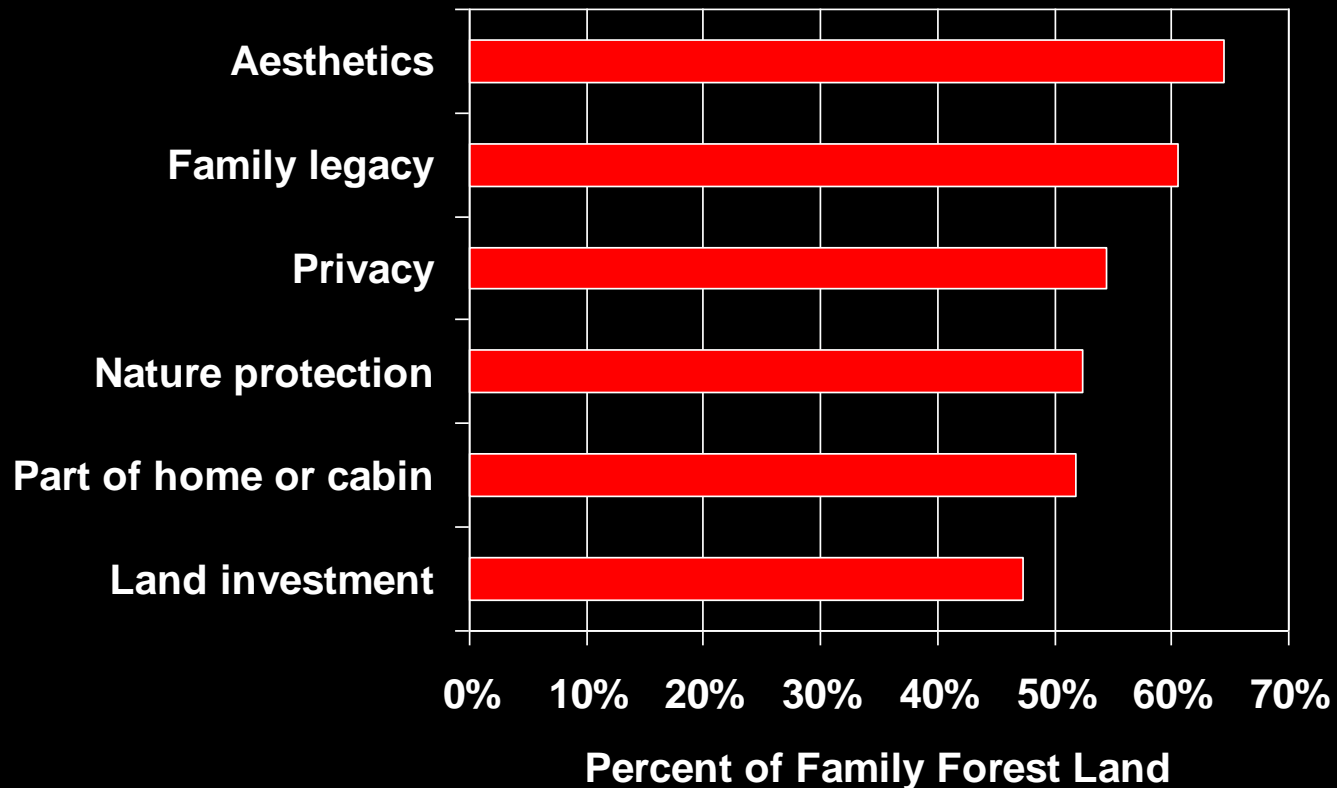
Forest Ownership United States, 2006



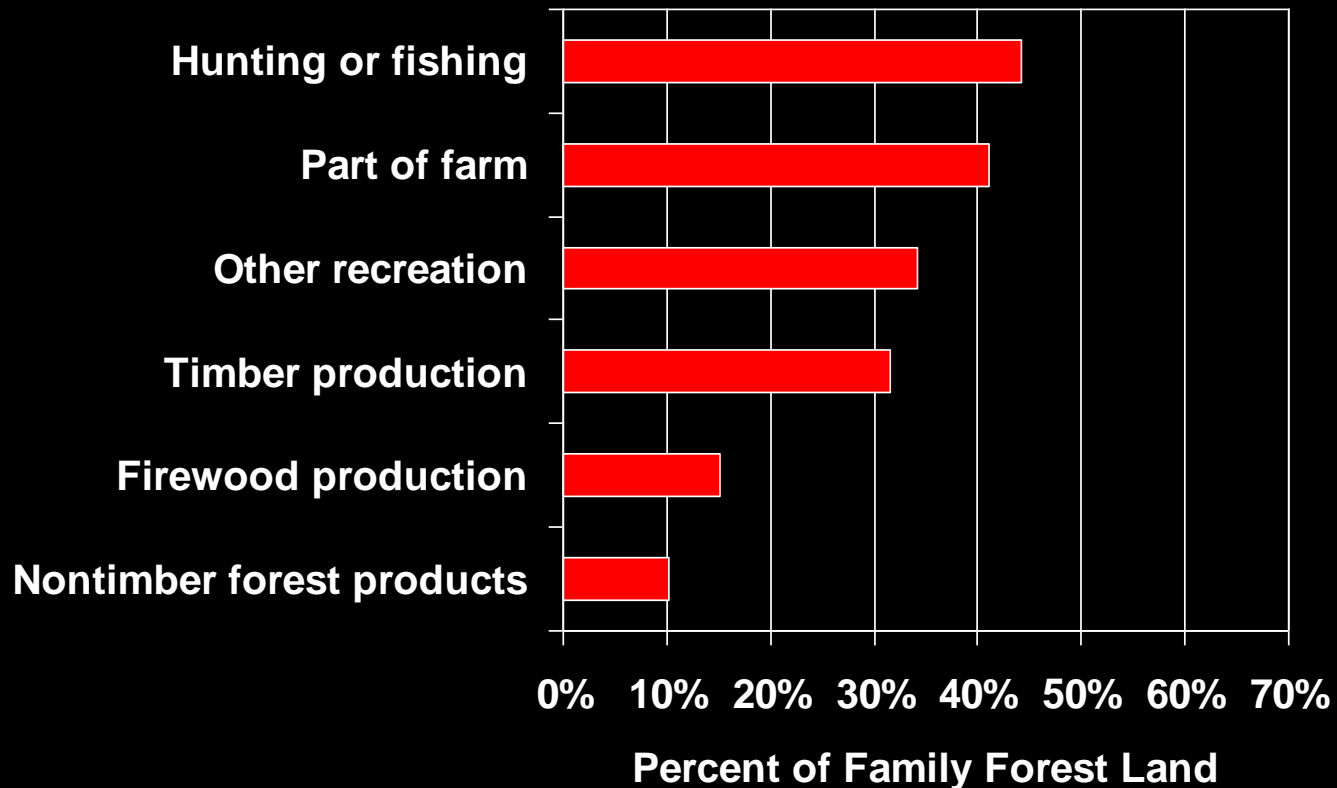
Size of Family Forest Holdings United States, 2006



Family Forest Ownership Objectives United States, 2006

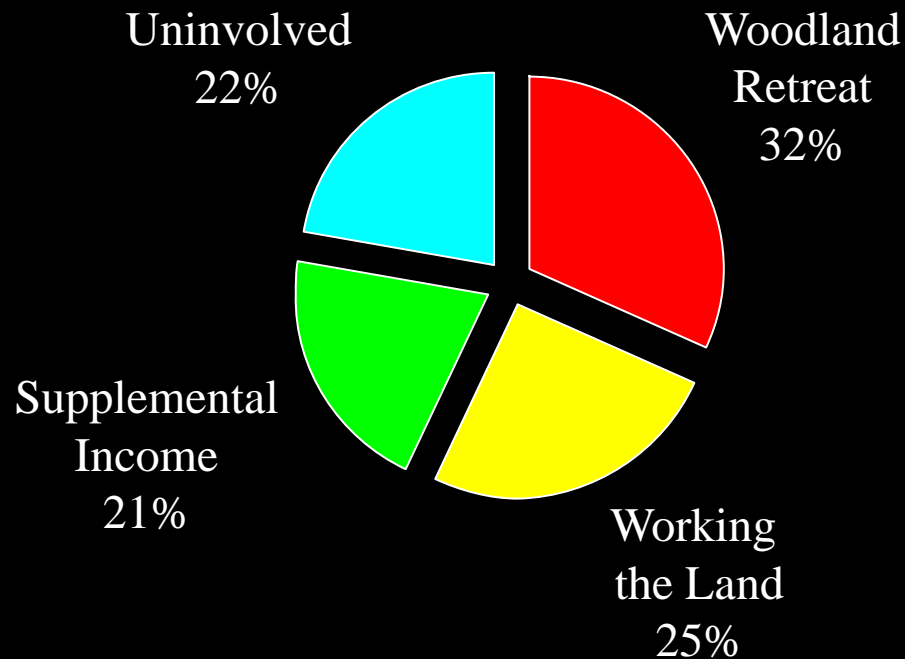


Family Forest Ownership Objectives United States, 2006



Attitudinal Segmentation*

United States, 2006



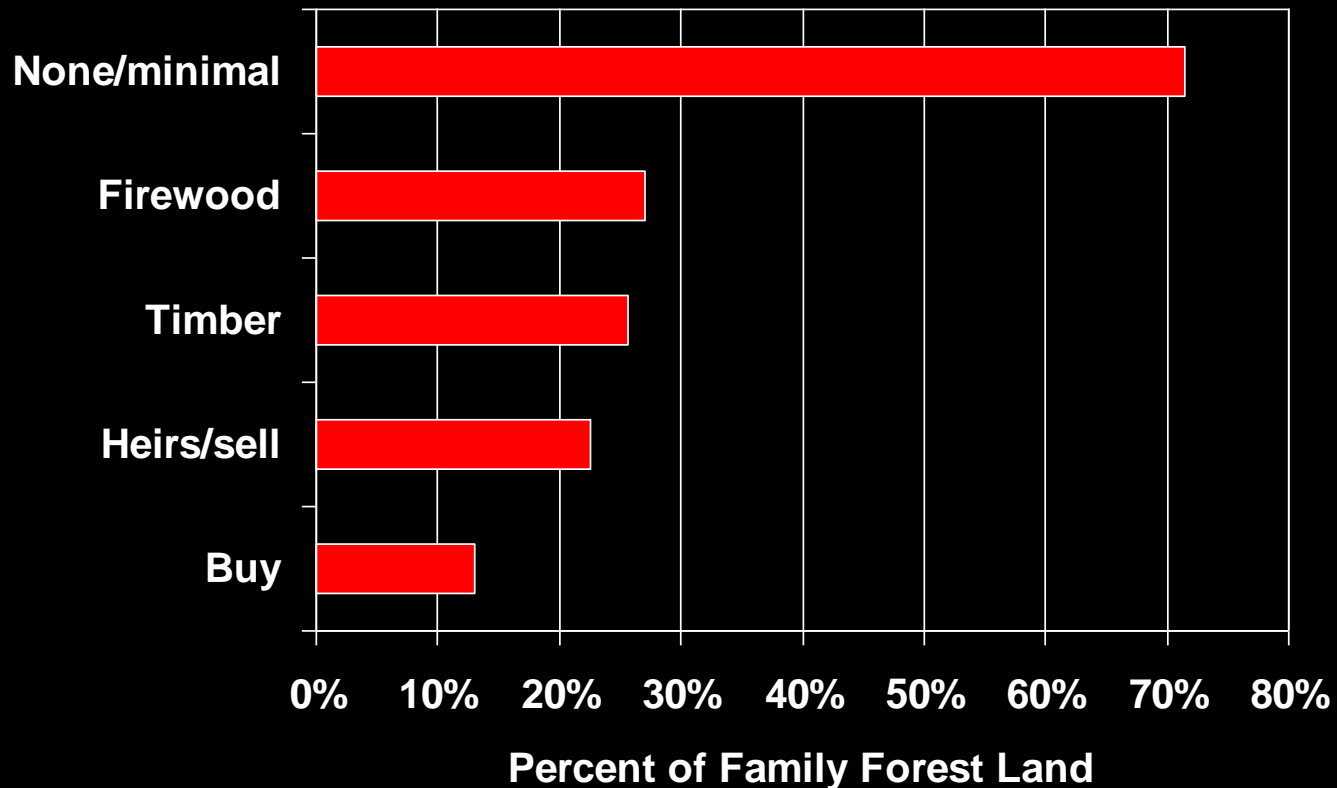
* Sustaining Family Forests Initiative
Family forest owners with 4-400 ha of forest land

Family Forest Management Practices United States, 2006

- **Timber harvesting**
58% of family forestland
- **Forest management plan**
18% of family forestland
- **Management advice**
37% of family forestland



Plans for Family Forest Land United States, 2006



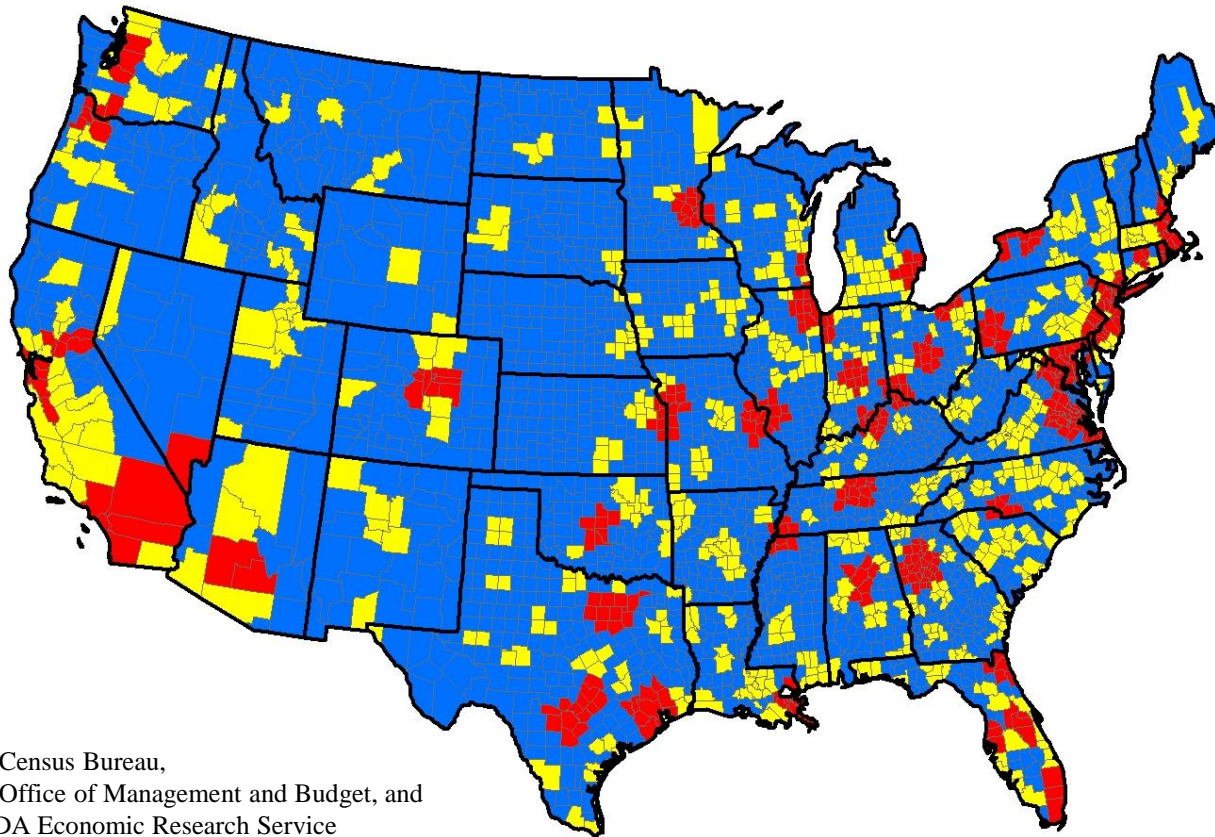
Urban-Rural Continuum



Urban-Rural Continuum

- Urban
 - Counties in metro areas of 1,000,000+ people
- Suburban
 - Counties in metro areas of < 1,000,000 people
- Rural
 - Counties not a part of a metro area

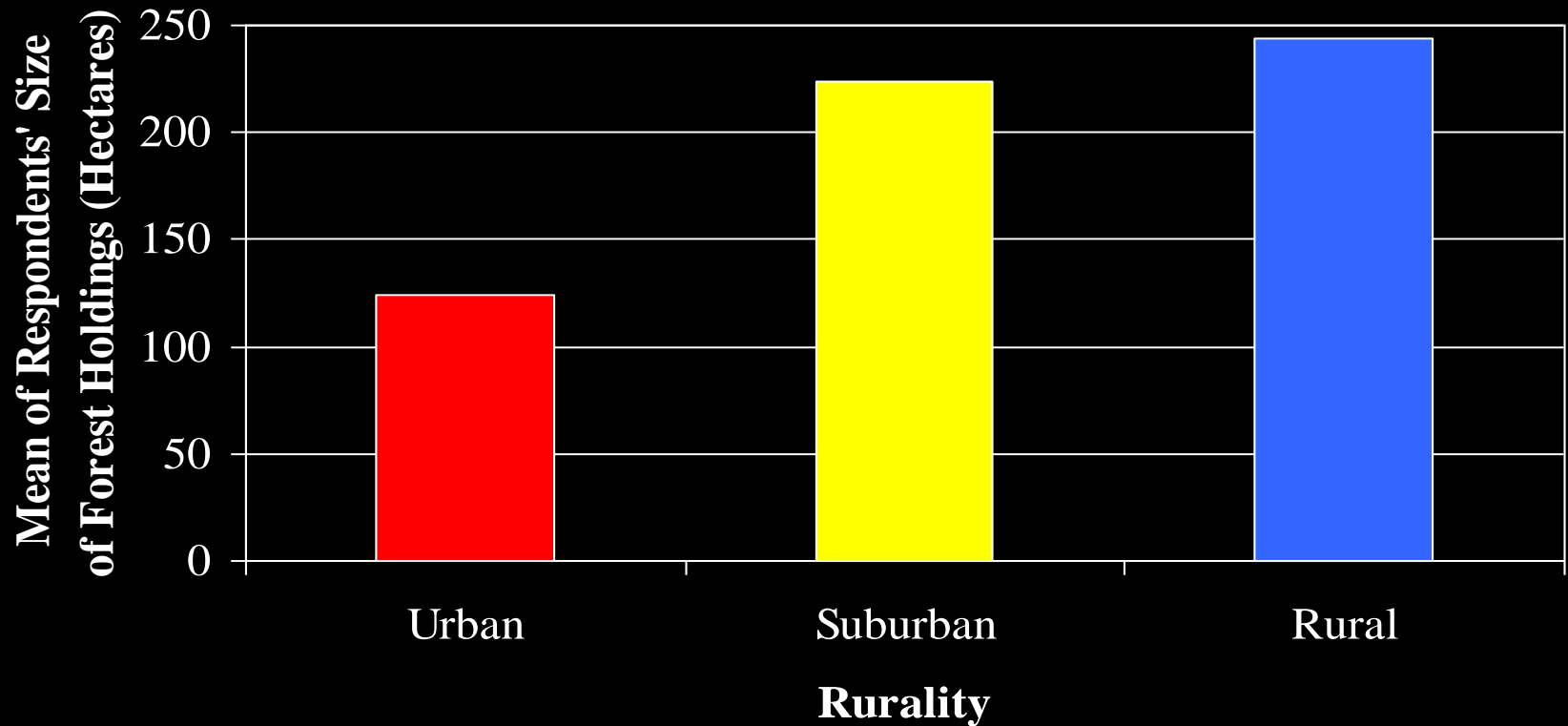
Urban-Rural Continuum



- Urban
- Suburban
- Rural

US Census Bureau,
US Office of Management and Budget, and
USDA Economic Research Service
www.ers.usda.gov/Briefing/Rurality/

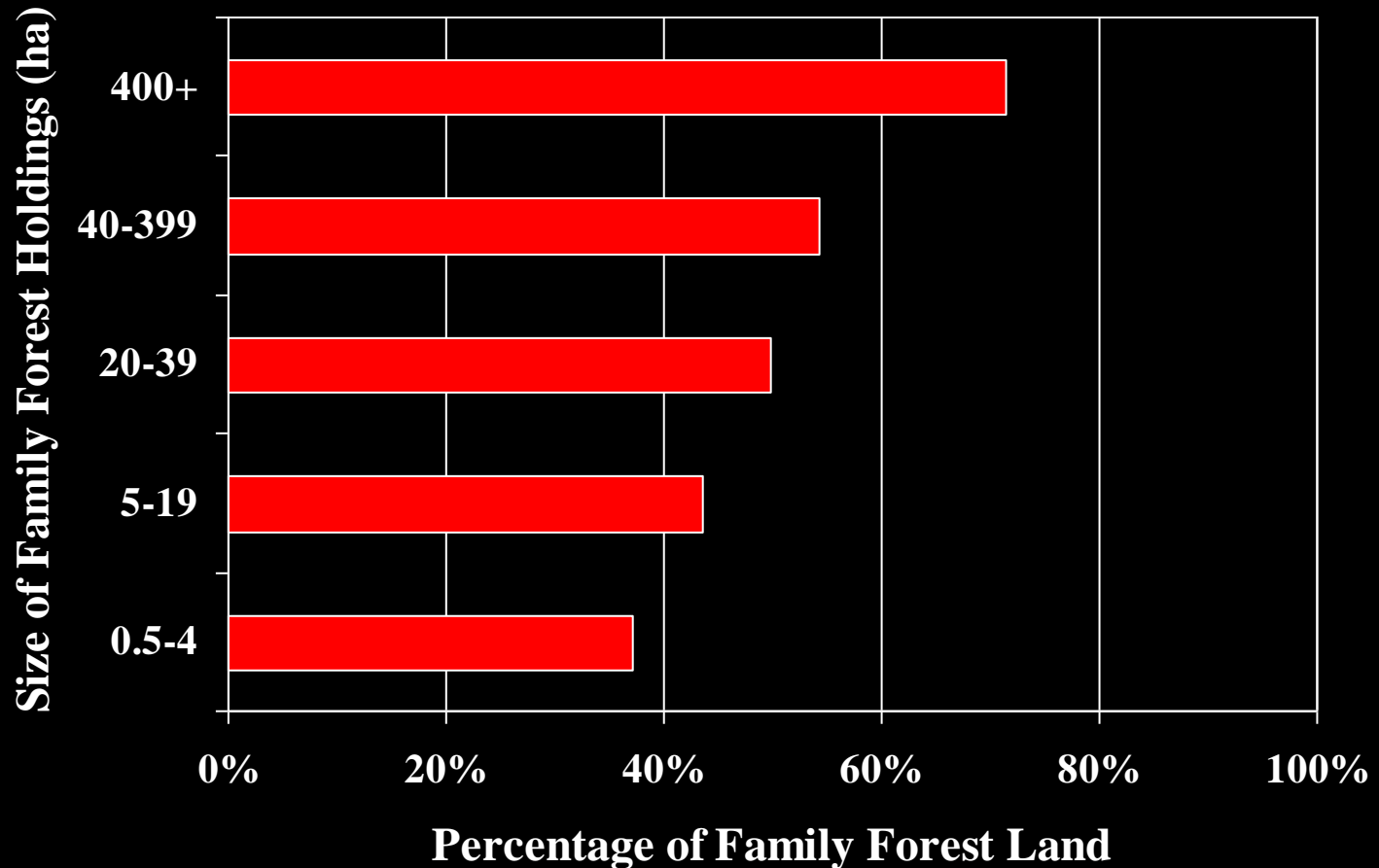
Mean Size of Family Forest Holdings United States, 2006 by Rurality



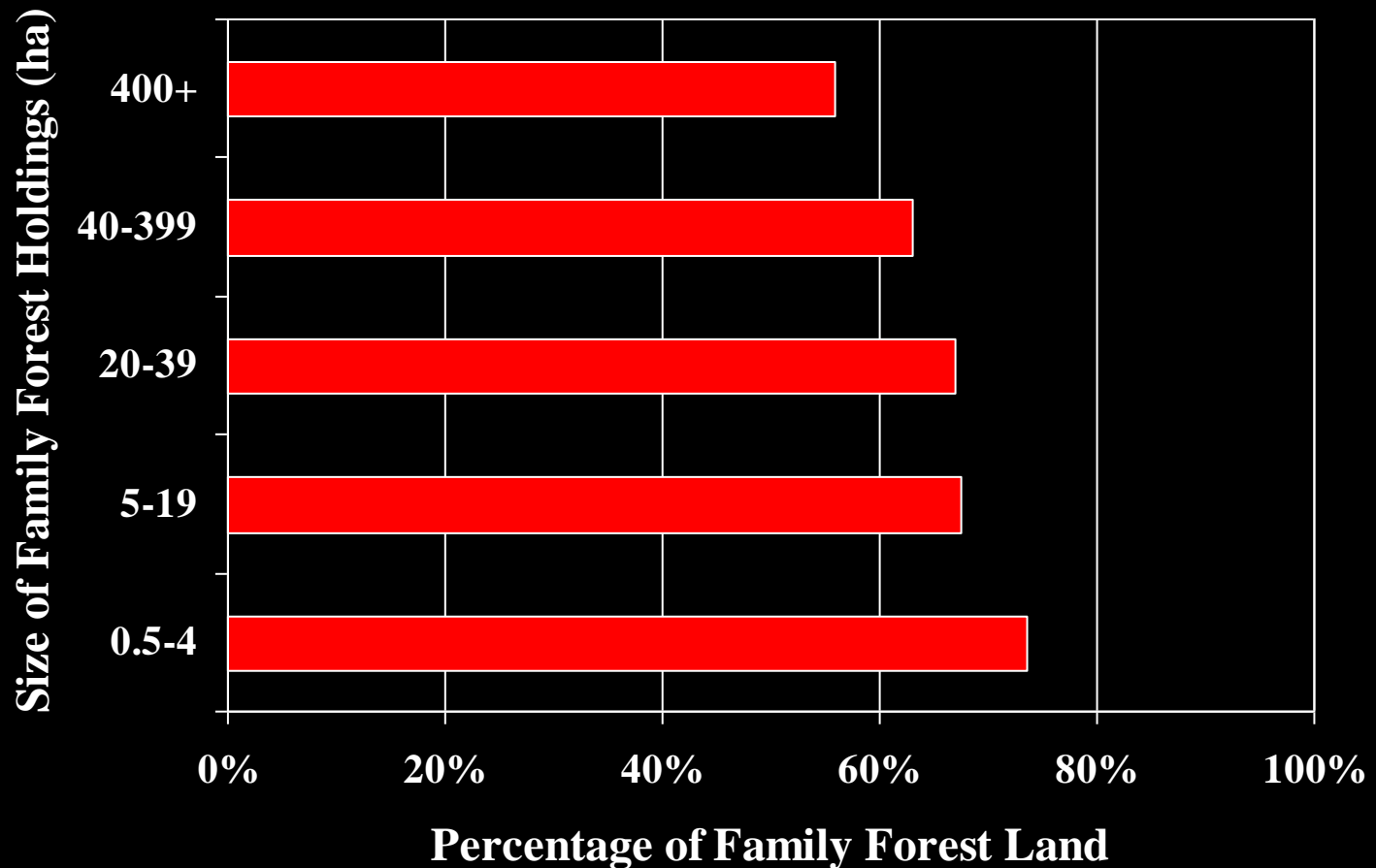
Size of Family Forest Holdings United States, 2006

Size (ha)	Area (1000s ha)	Owners (1000s)
0.5-4	7,753	6,220
5-19	23,708	2,831
20-39	16,819	644
40-399	39,525	508
400+	14,165	19
Total	101,972	10,222

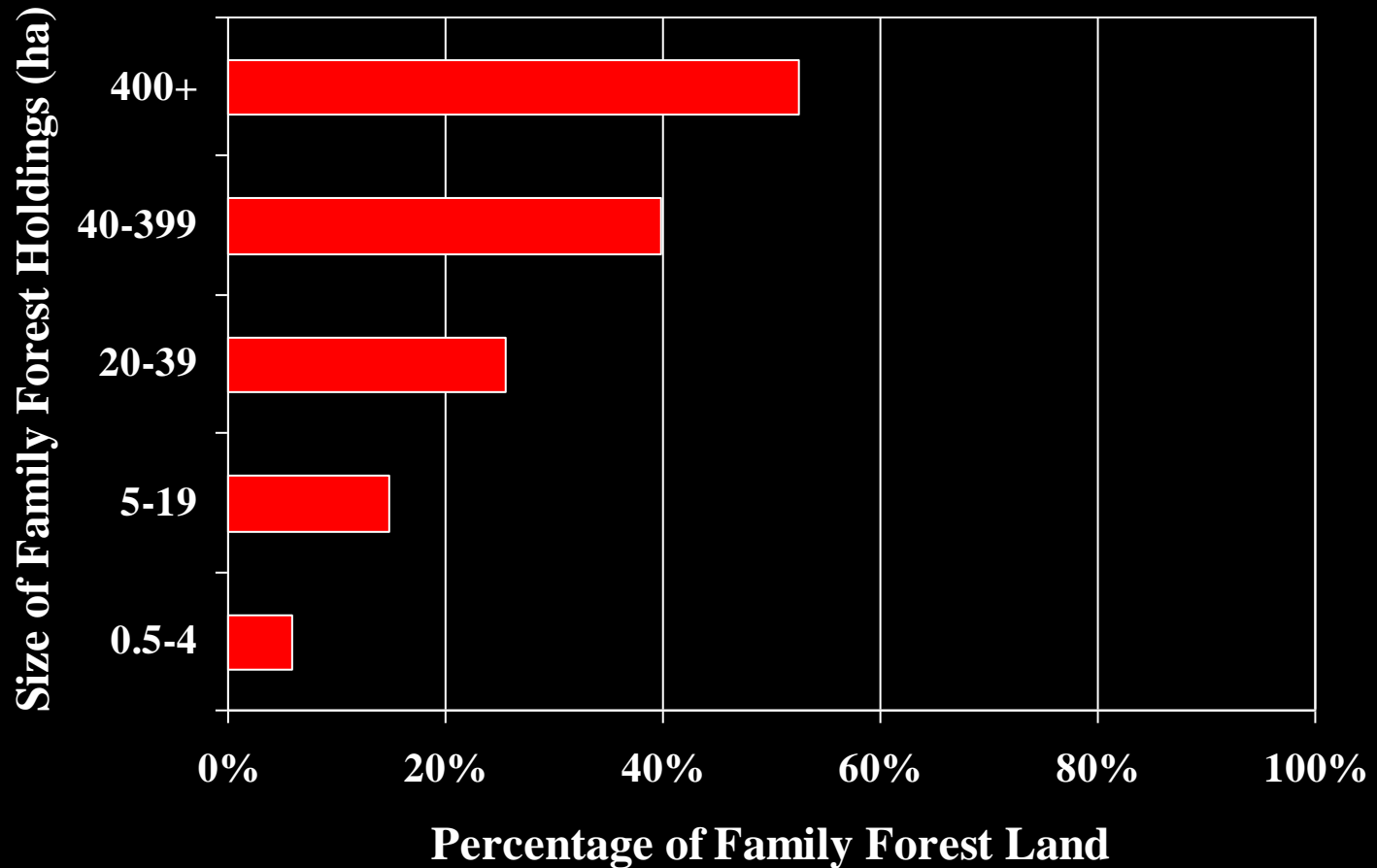
Land Tenure (25+ years)



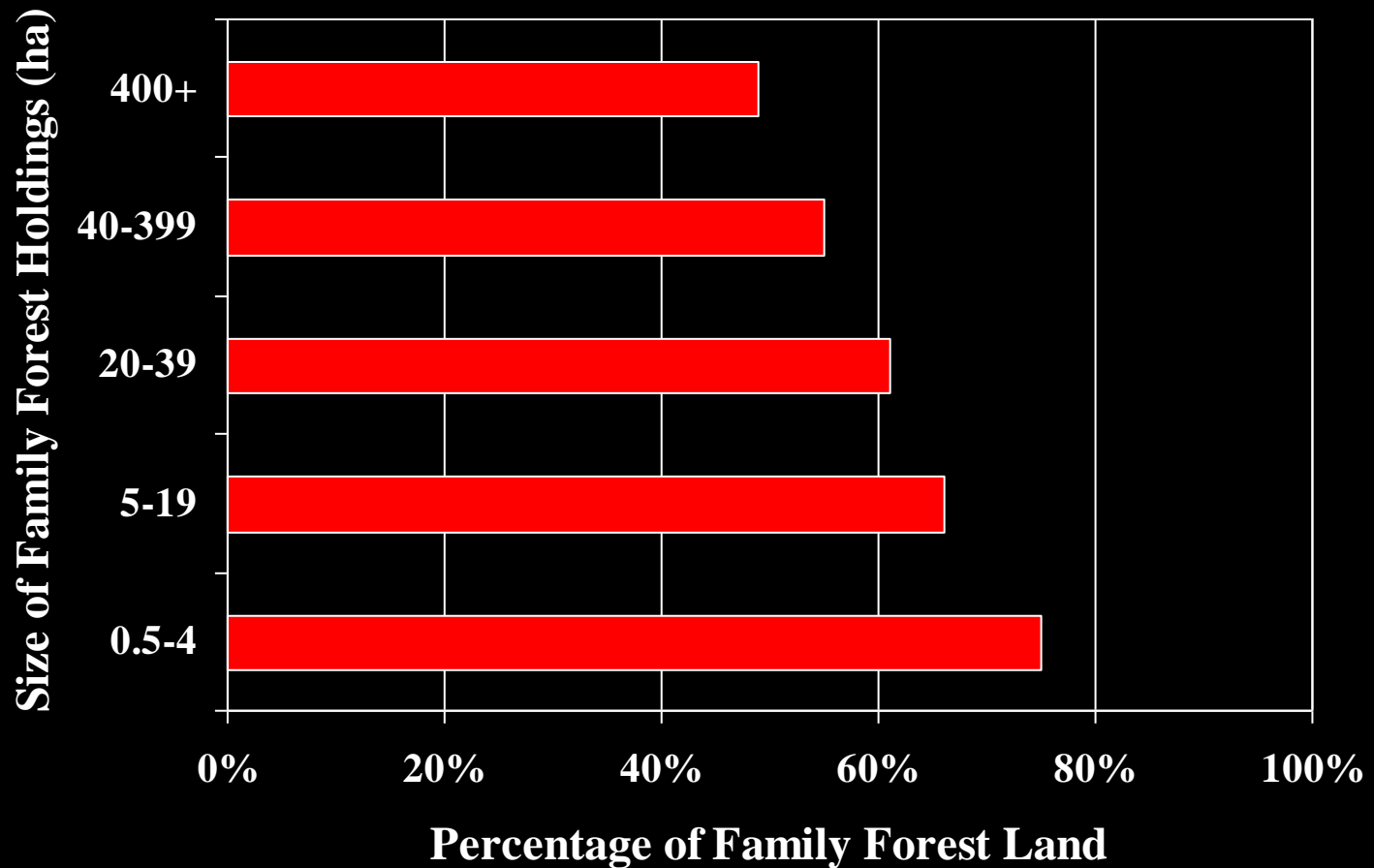
Objectives - Aesthetics



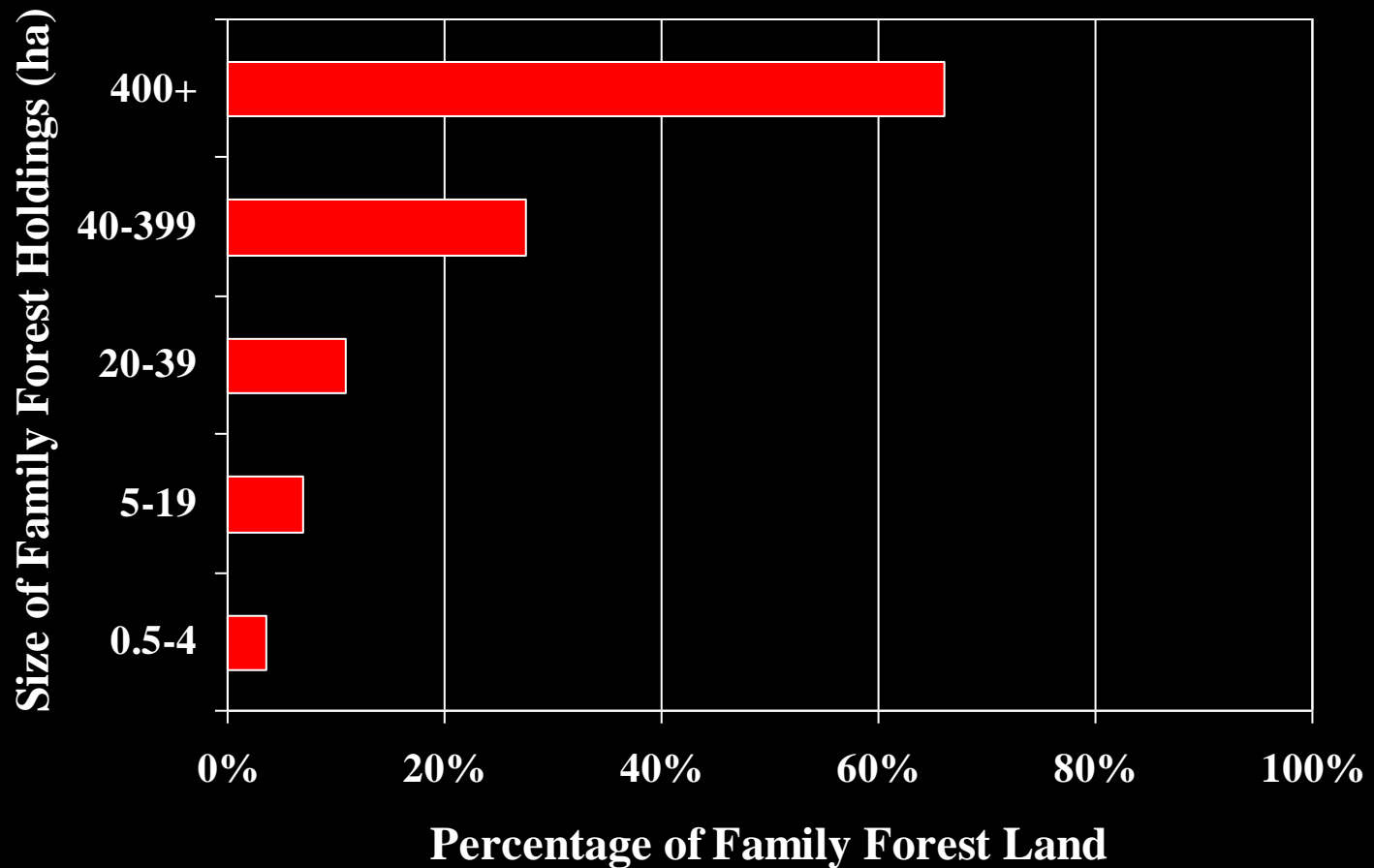
Objectives - Timber



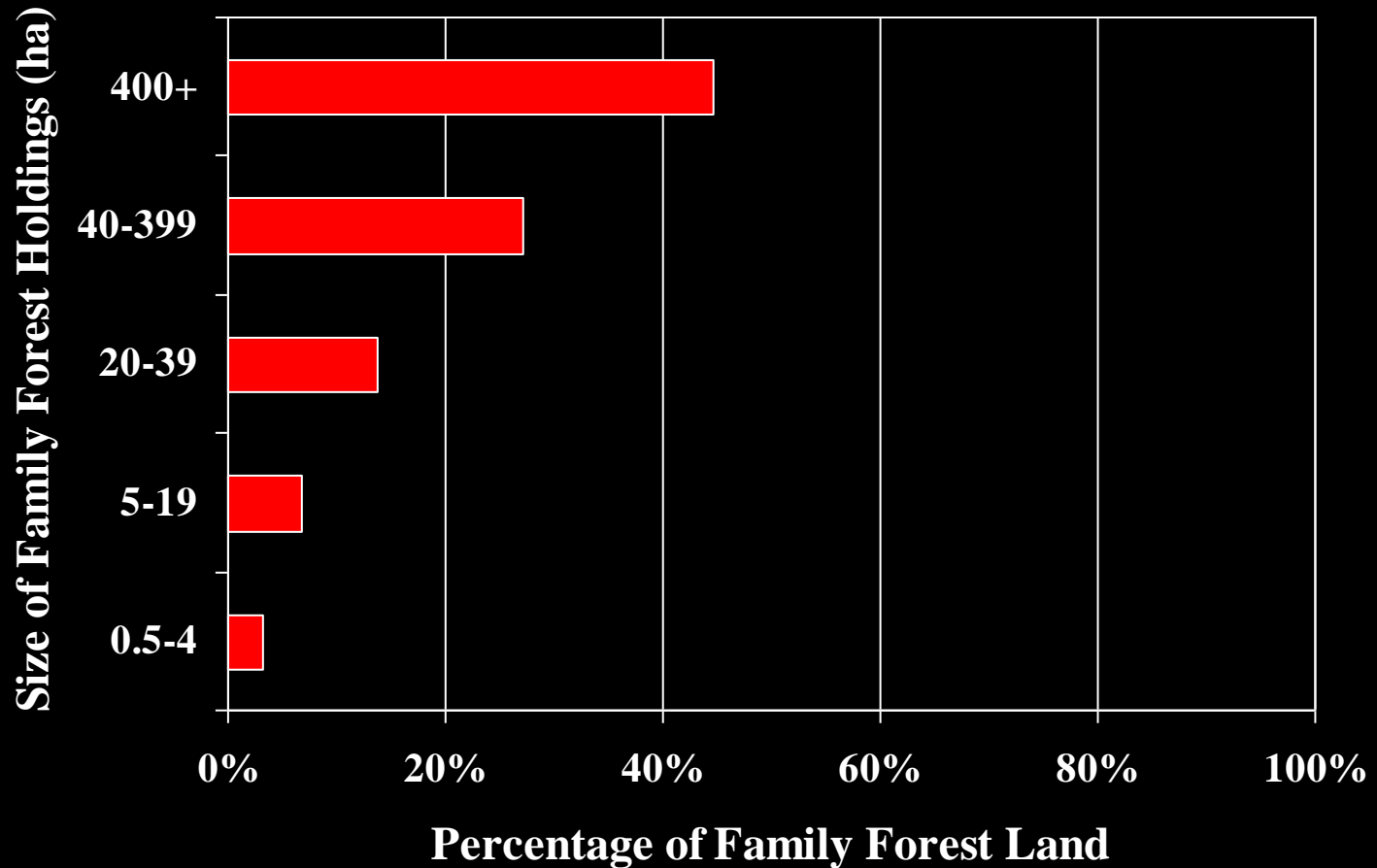
Part of Home



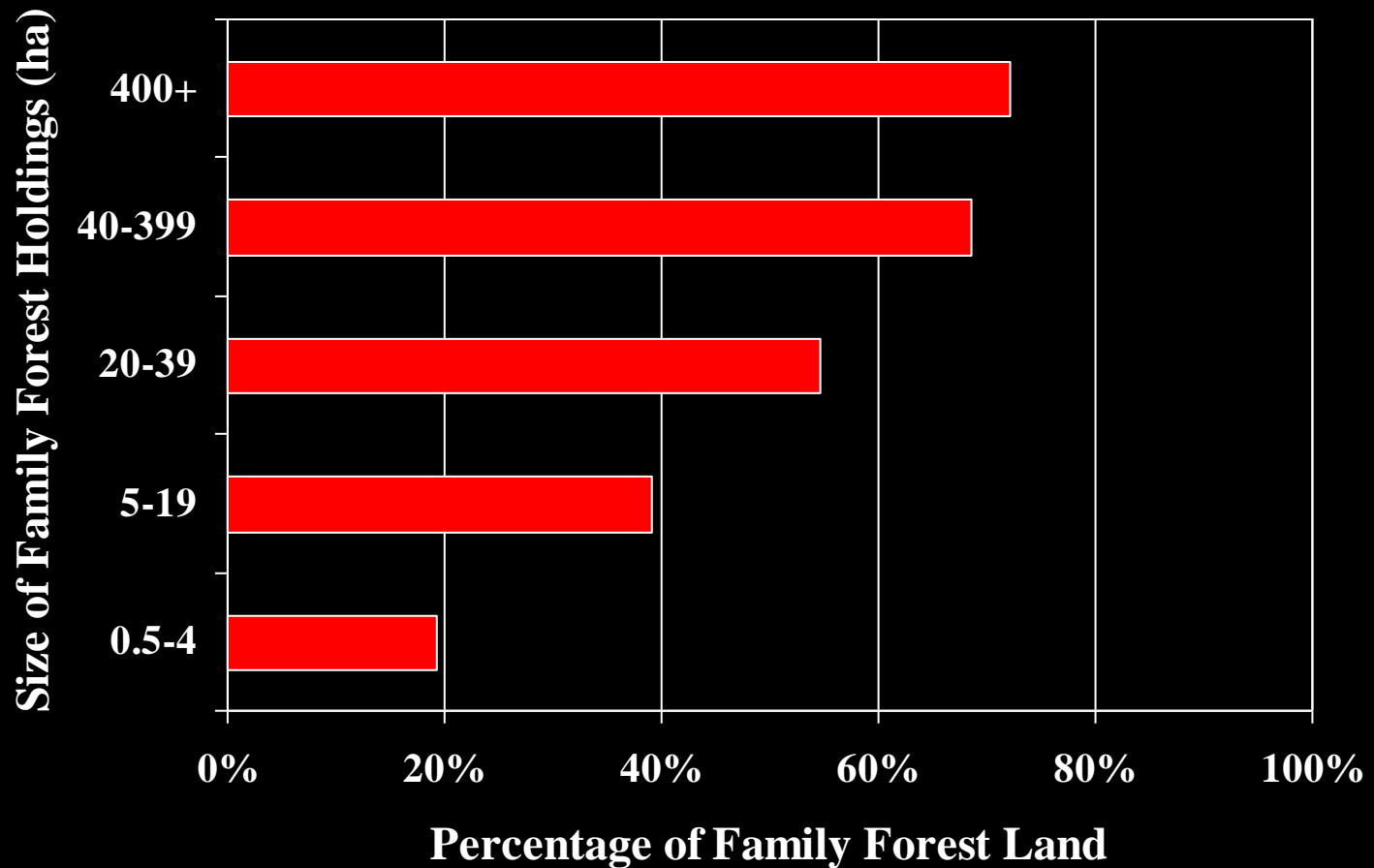
Leasing



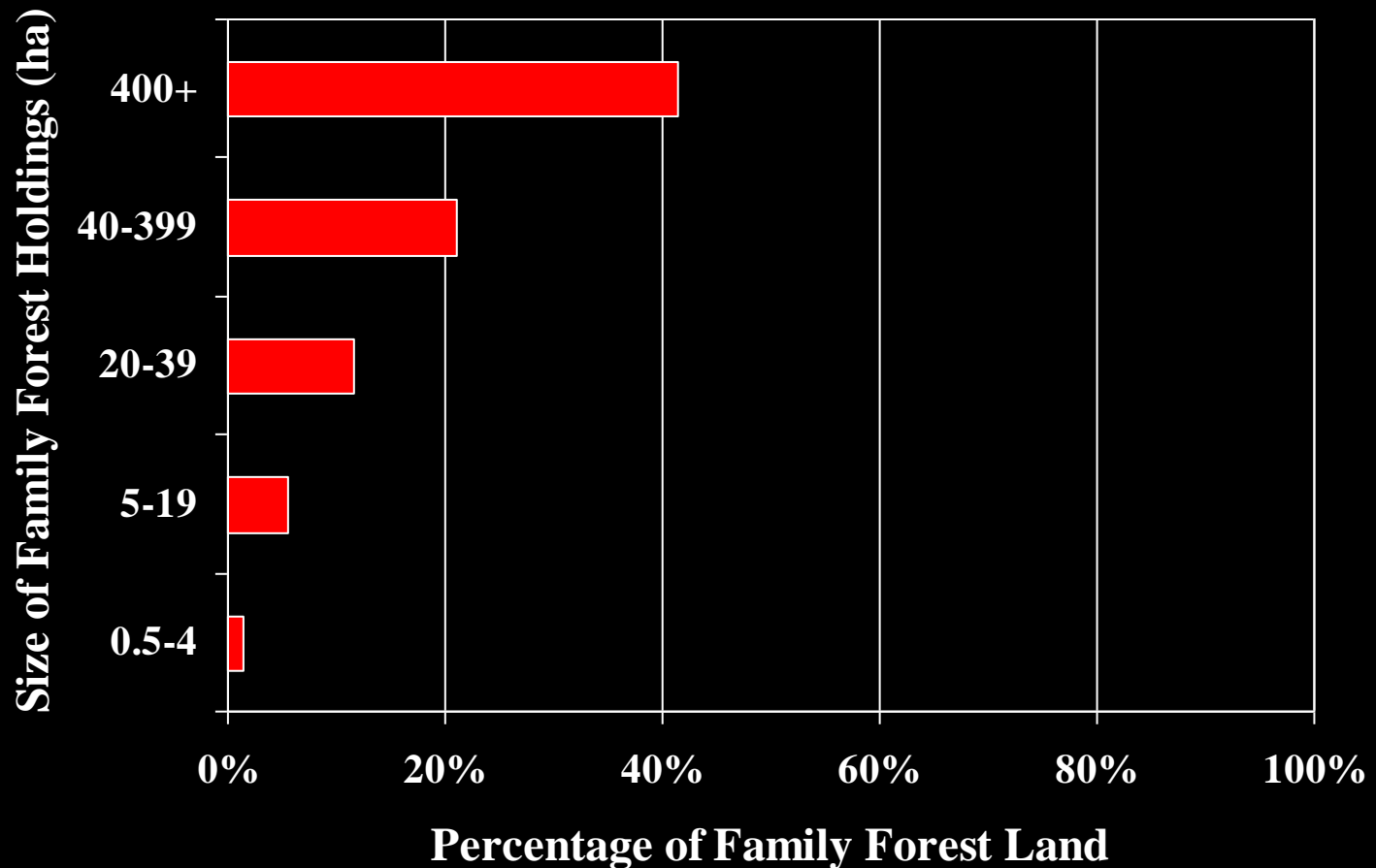
Cost-share



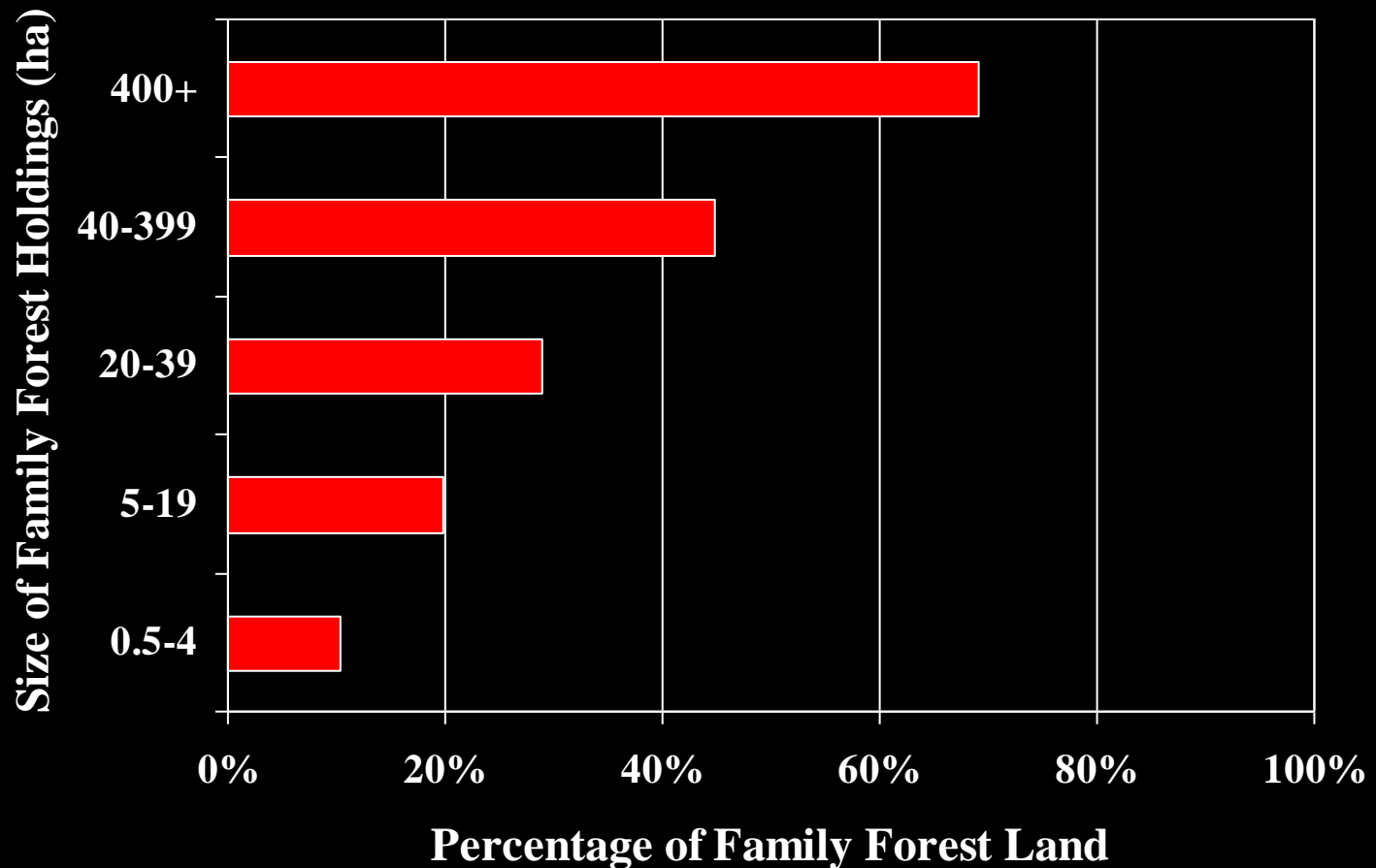
Harvesting



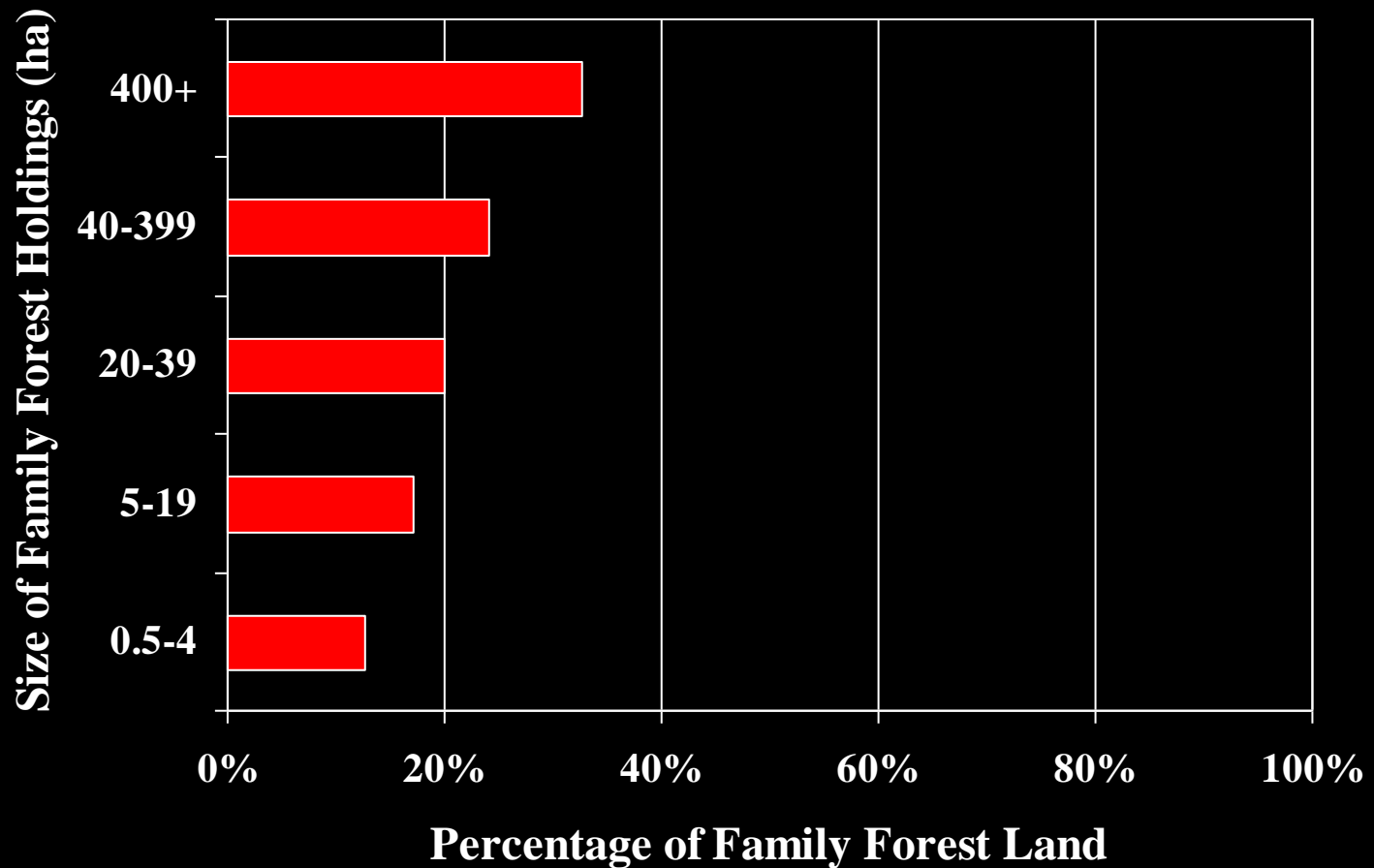
Management Plans



Management Advice



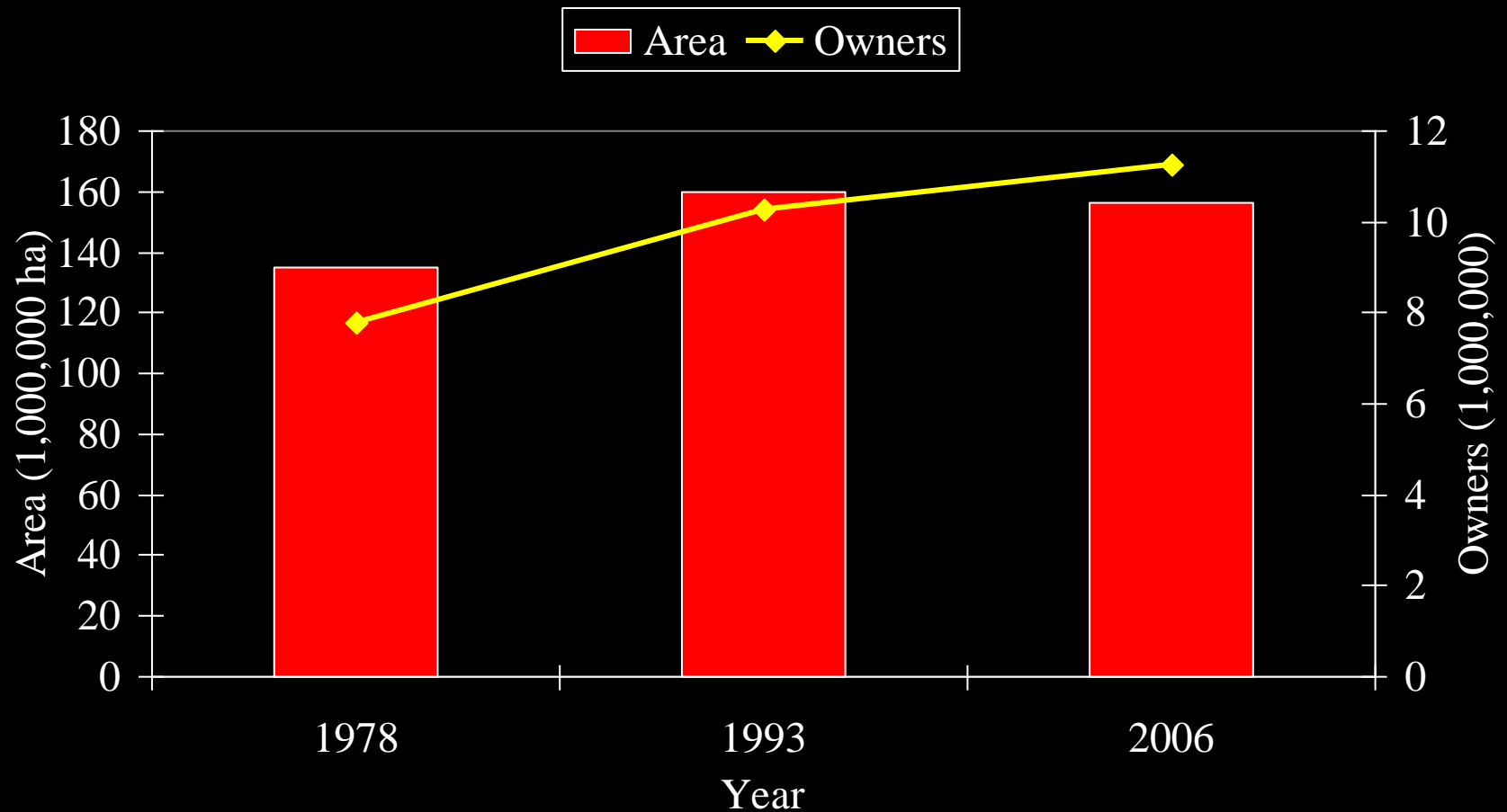
Sell/Heirs



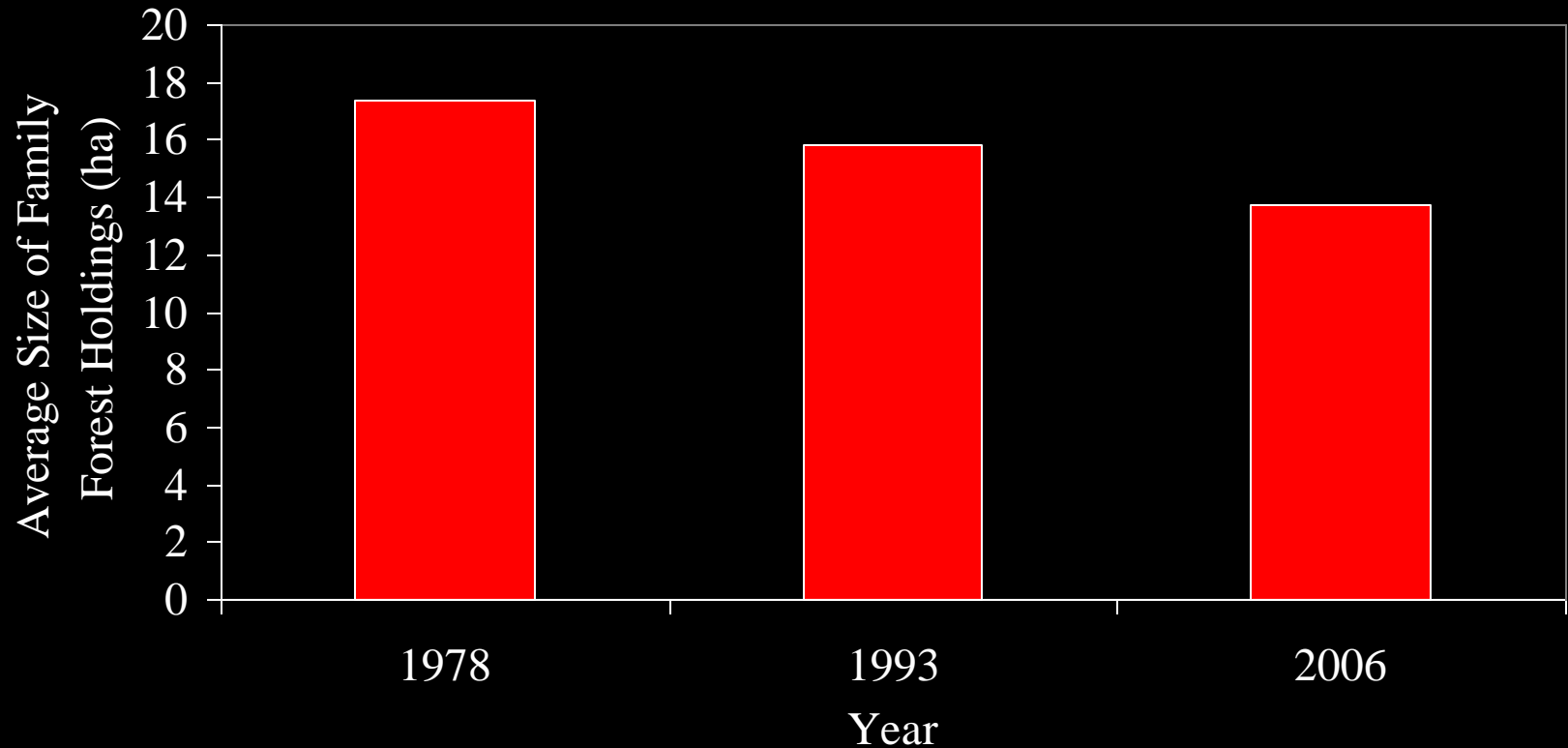
Summary

	Small	Large
Tenure	-	+
Aesthetics	+	+
Timber	-	+
Part of home	+	-
Leasing	-	+
Cost-share	-	+
Harvesting	-	+
Management plan	-	+
Advice	-	+
Sell/heirs	-	+

Private Ownership Trends



Average Size of Holdings



Conclusions

- Family forest owners rule!
- Size matters
- Better outreach and tools



Questions/comments?

Brett Butler

U.S. Forest Service

Family Forest Research Center

bbutler01@fs.fed.us

www.fia.fs.fed.us/nwos