

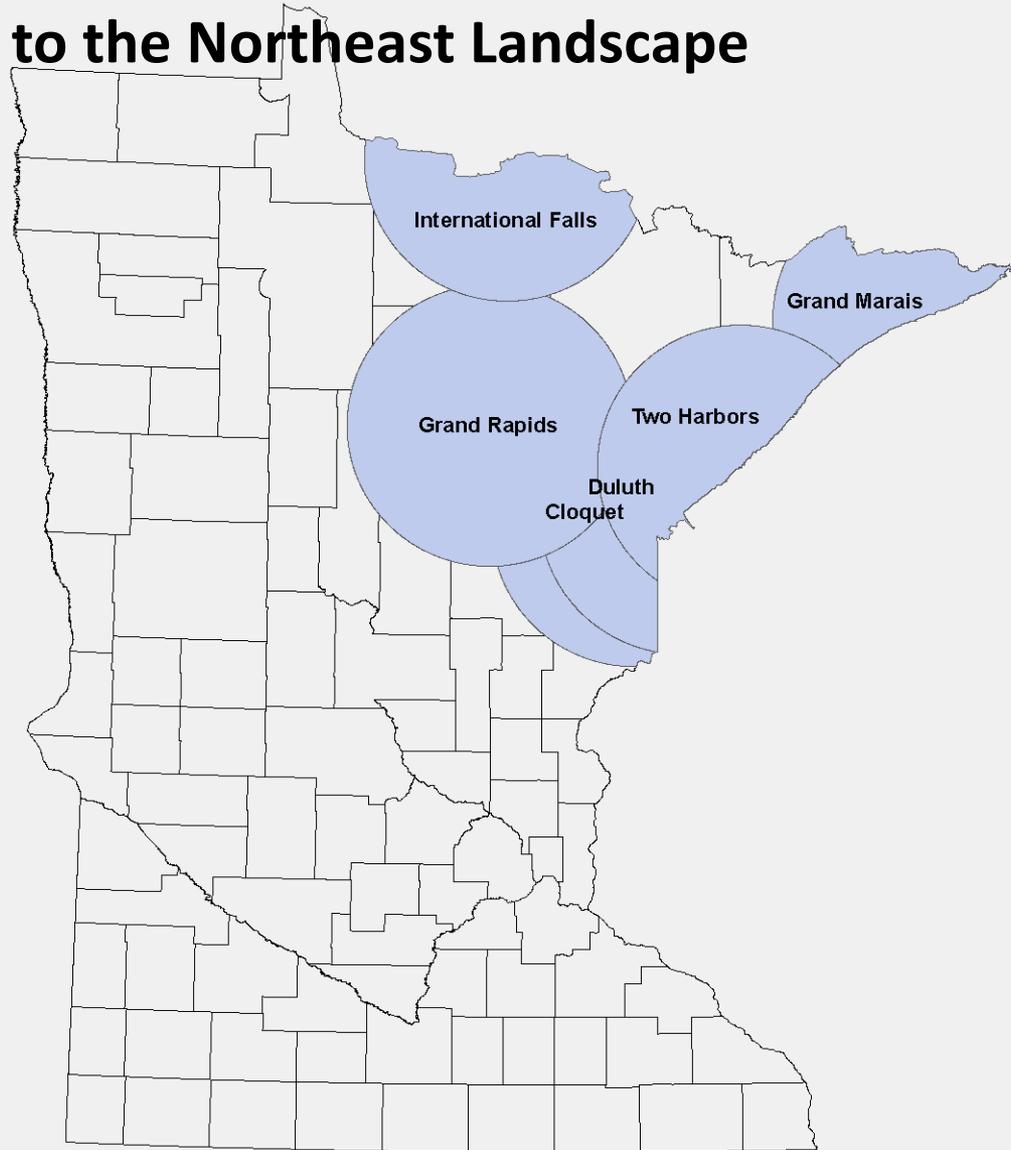
Woodshed analyses objectives

- Provide estimates of growth, harvest, and volume to support economic modeling
- Describe woodsheds with respect to volume, ownership, species composition, wood quality, season of harvest, other variables of interest to planning committee

Woodshed – Timberland in the Northeast landscape within 50 miles of a mill location

Mill locations included Cloquet, Duluth, Grand Marais, Grand Rapids, International Falls, Two Harbors

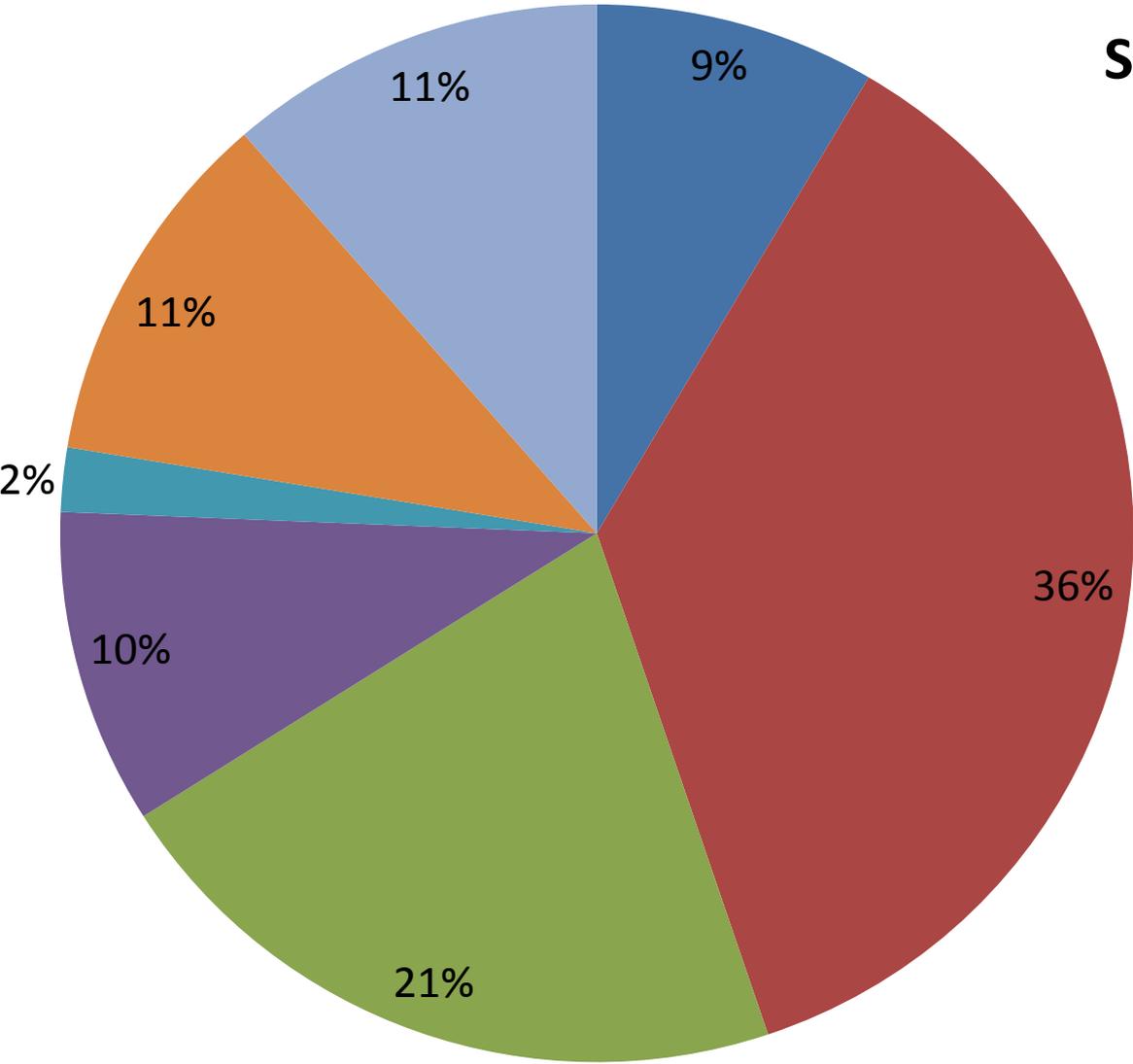
Mill woodsheds: timberlands within 50 miles of 6 mills significant to the Northeast Landscape



Species composition patterns in NE Landscape woodsheds: volume

	Low%	High%
Ash	5	9
Aspen/Birch/Balm	34	40
Lowland conifer	21	29
Maple	4	11
Oak	0	2
Pine	10	16
SpruceFir	8	15

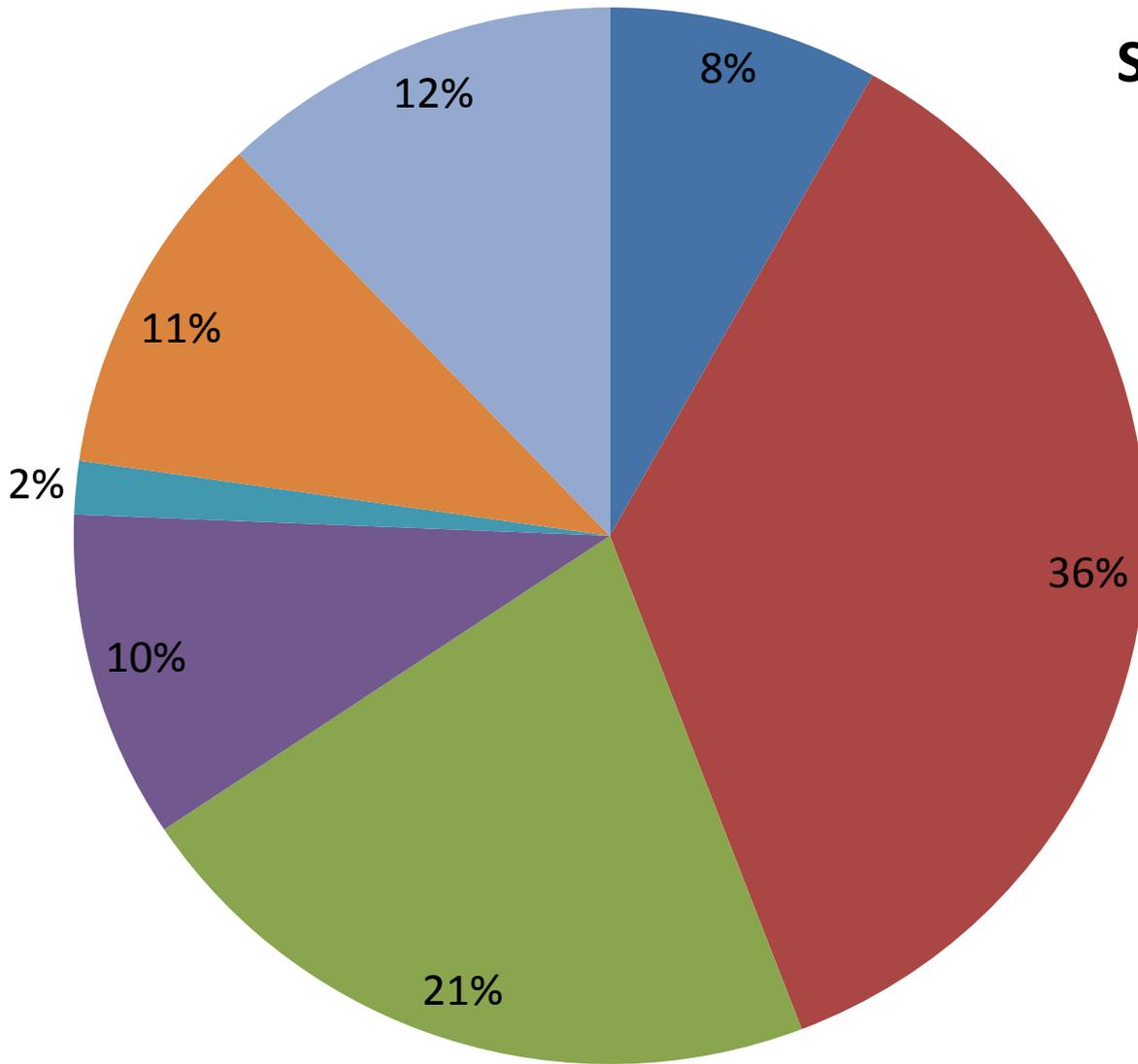
Cloquet woodshed Species composition



Percent of total volume

- Ash
- Aspen/Birch/Balm
- Lowland conifer
- Maple
- Oak
- Pine
- SpruceFir

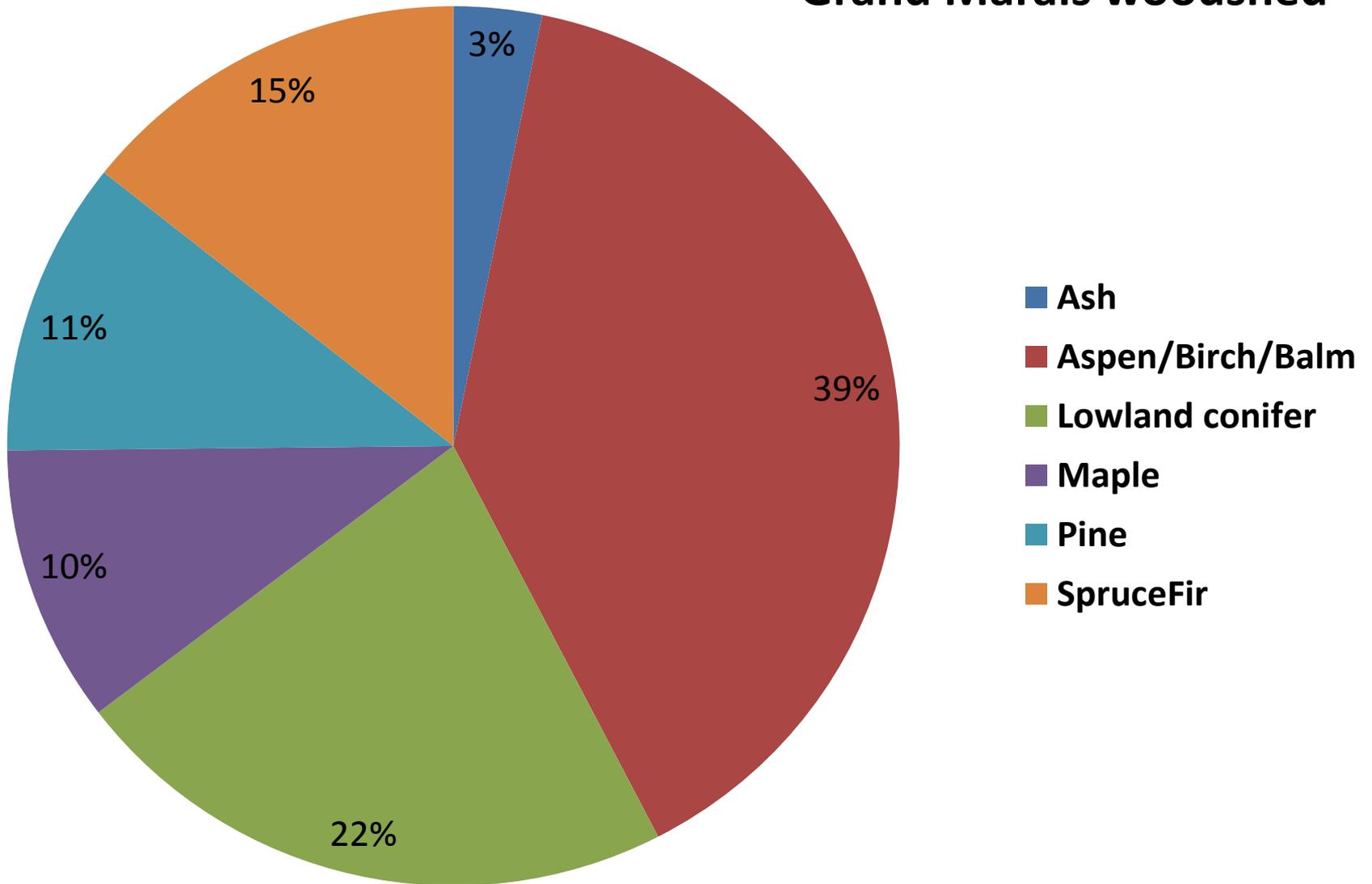
Duluth woodshed Species composition



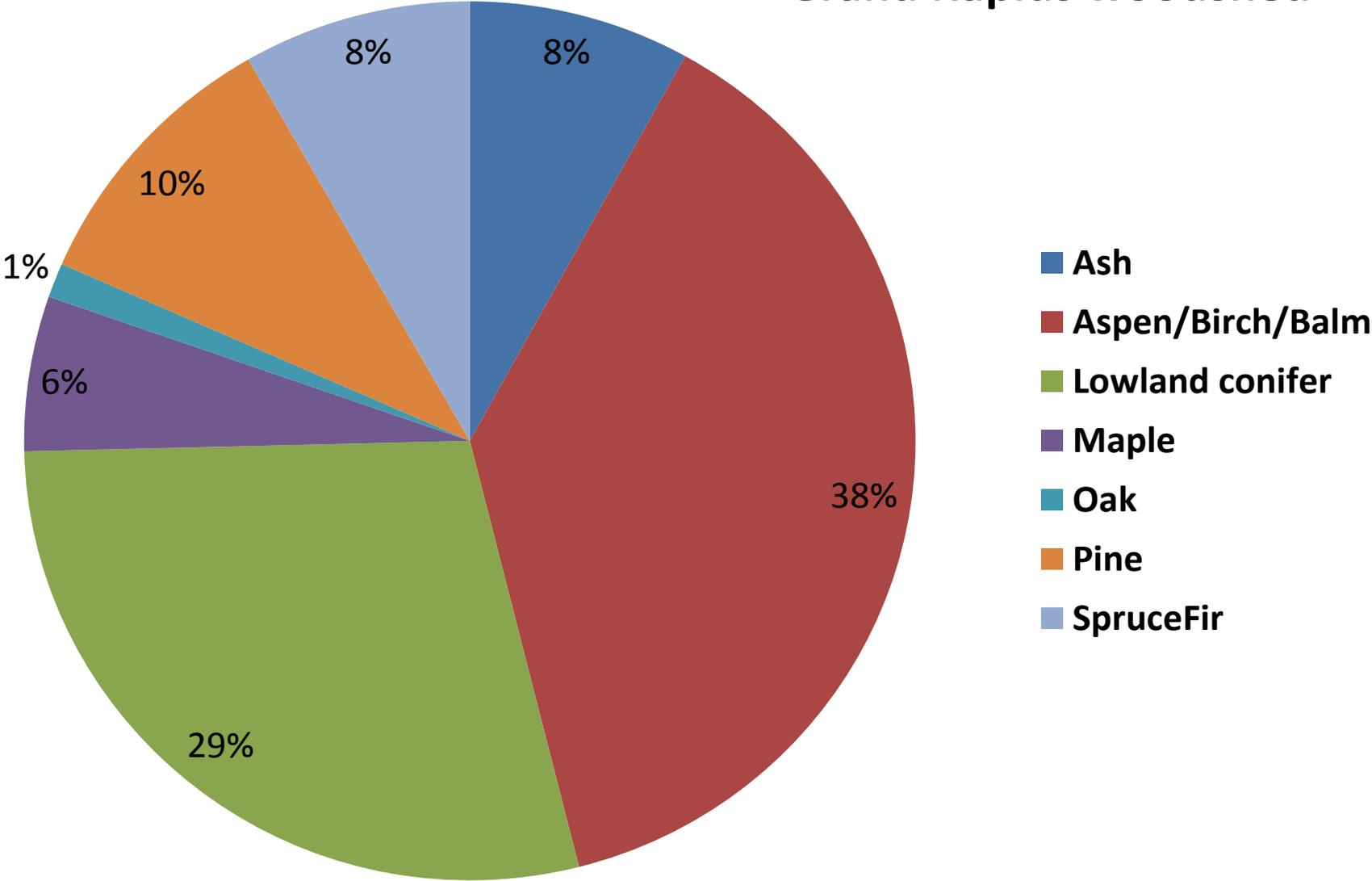
Percent of total volume

- Ash
- Aspen/Birch/Balm
- Lowland conifer
- Maple
- Oak
- Pine
- SpruceFir

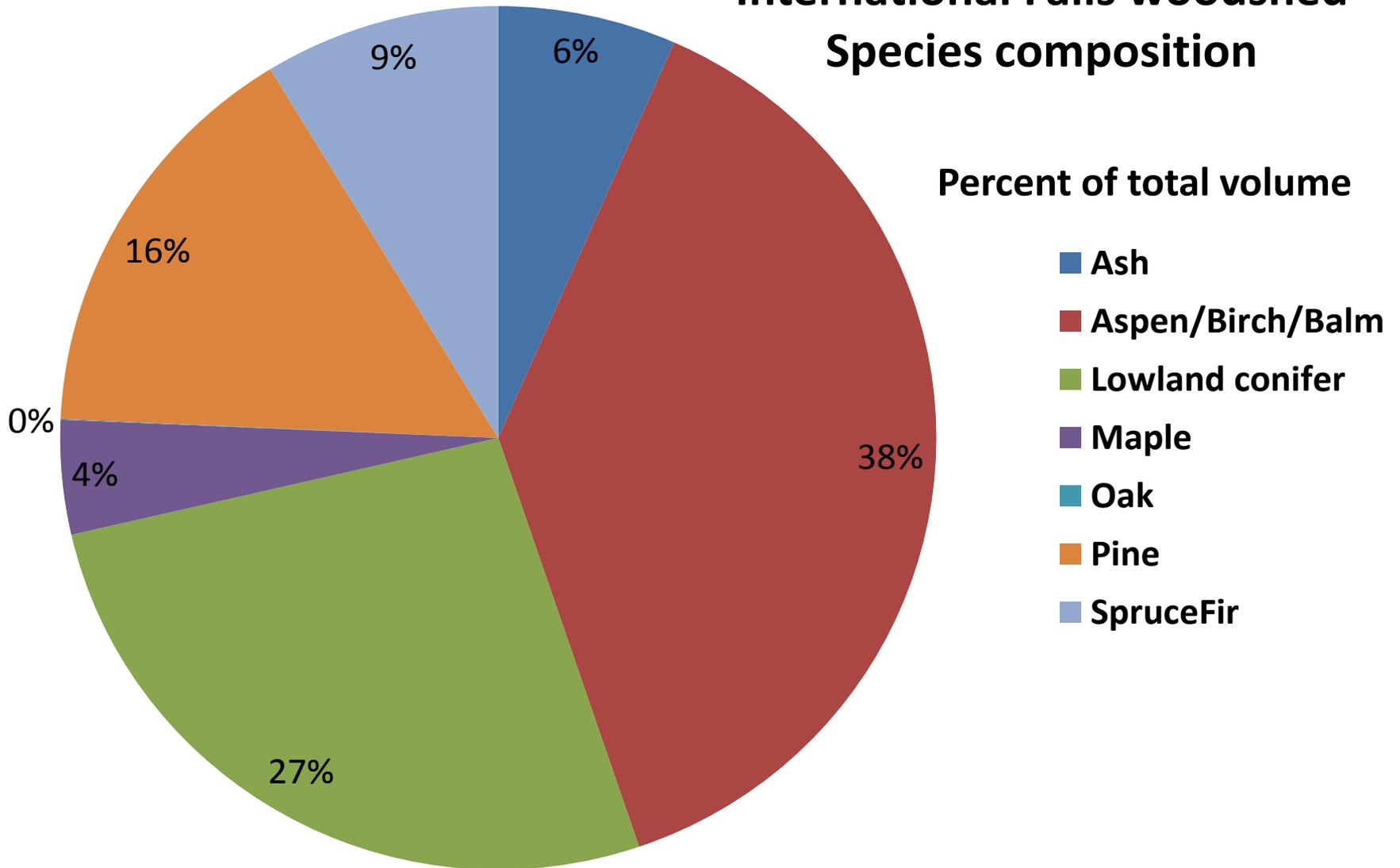
Grand Marais woodshed



Grand Rapids woodshed

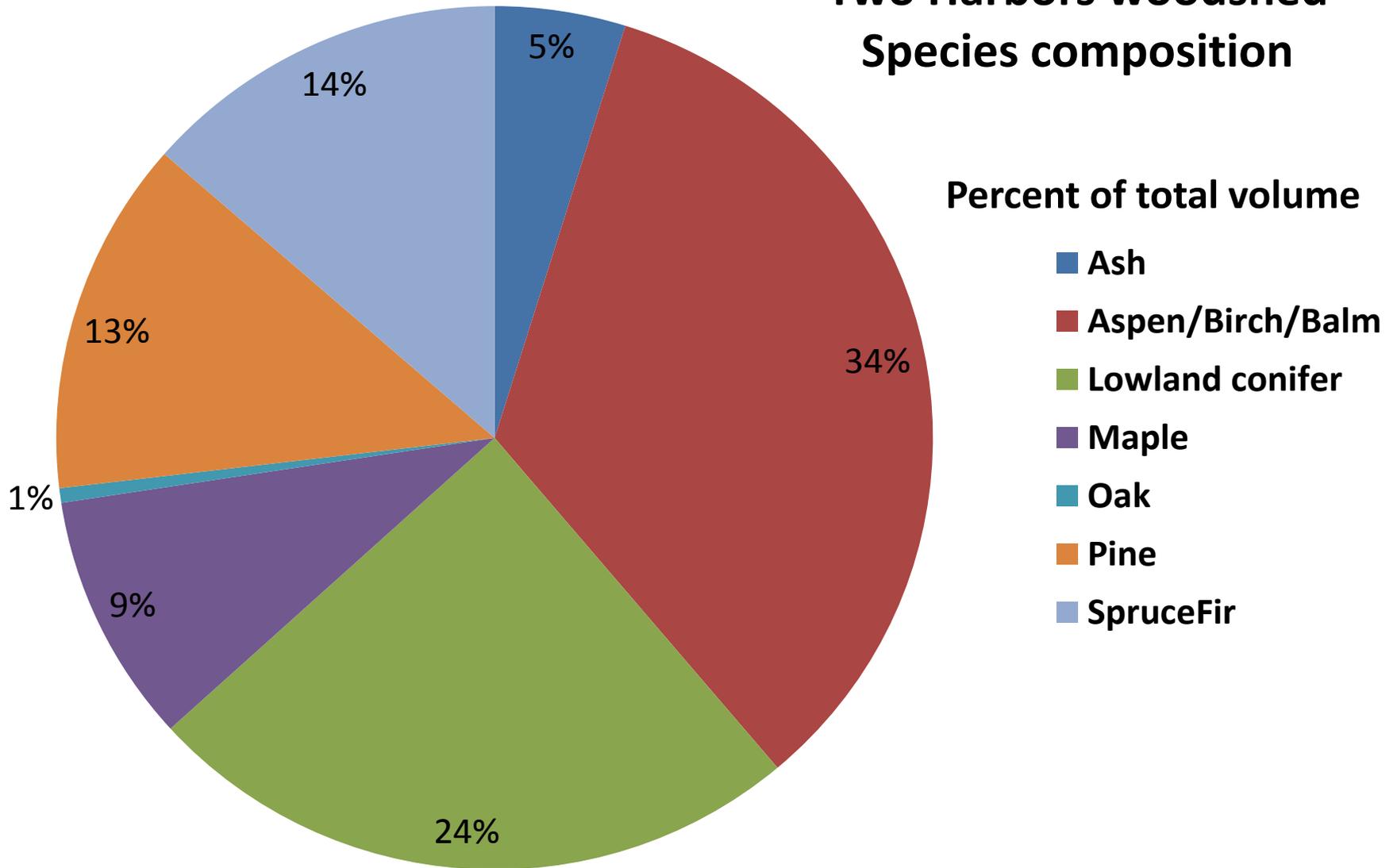


International Falls woodshed Species composition

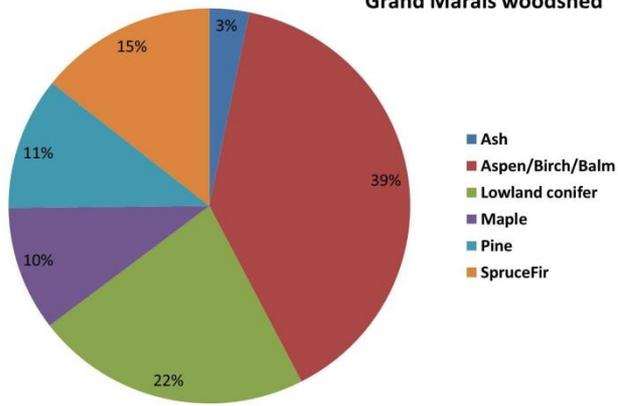


Two Harbors woodshed Species composition

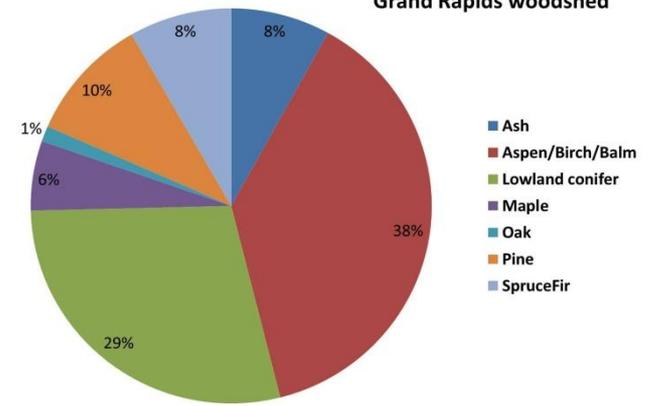
Percent of total volume



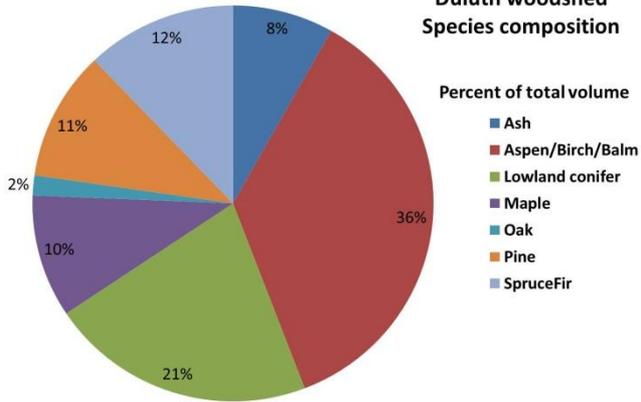
Grand Marais woodshed



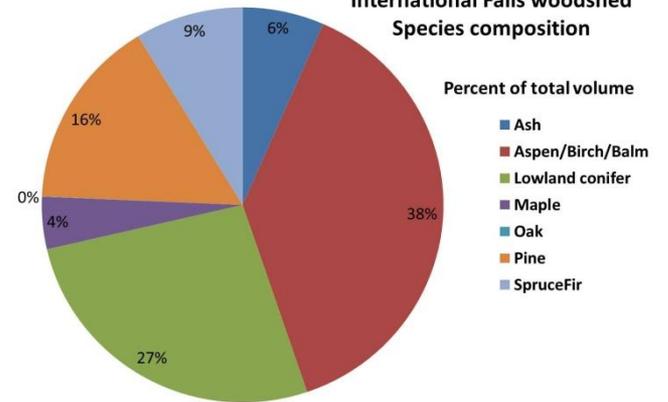
Grand Rapids woodshed



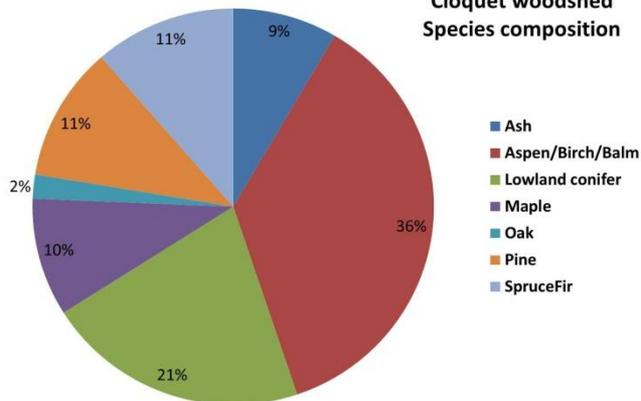
**Duluth woodshed
Species composition**



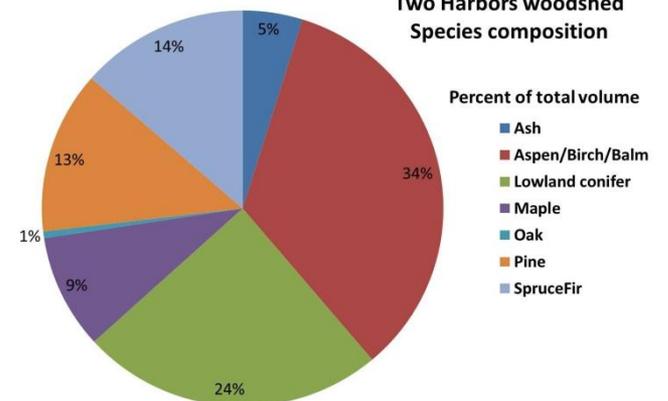
**International Falls woodshed
Species composition**



**Cloquet woodshed
Species composition**



**Two Harbors woodshed
Species composition**

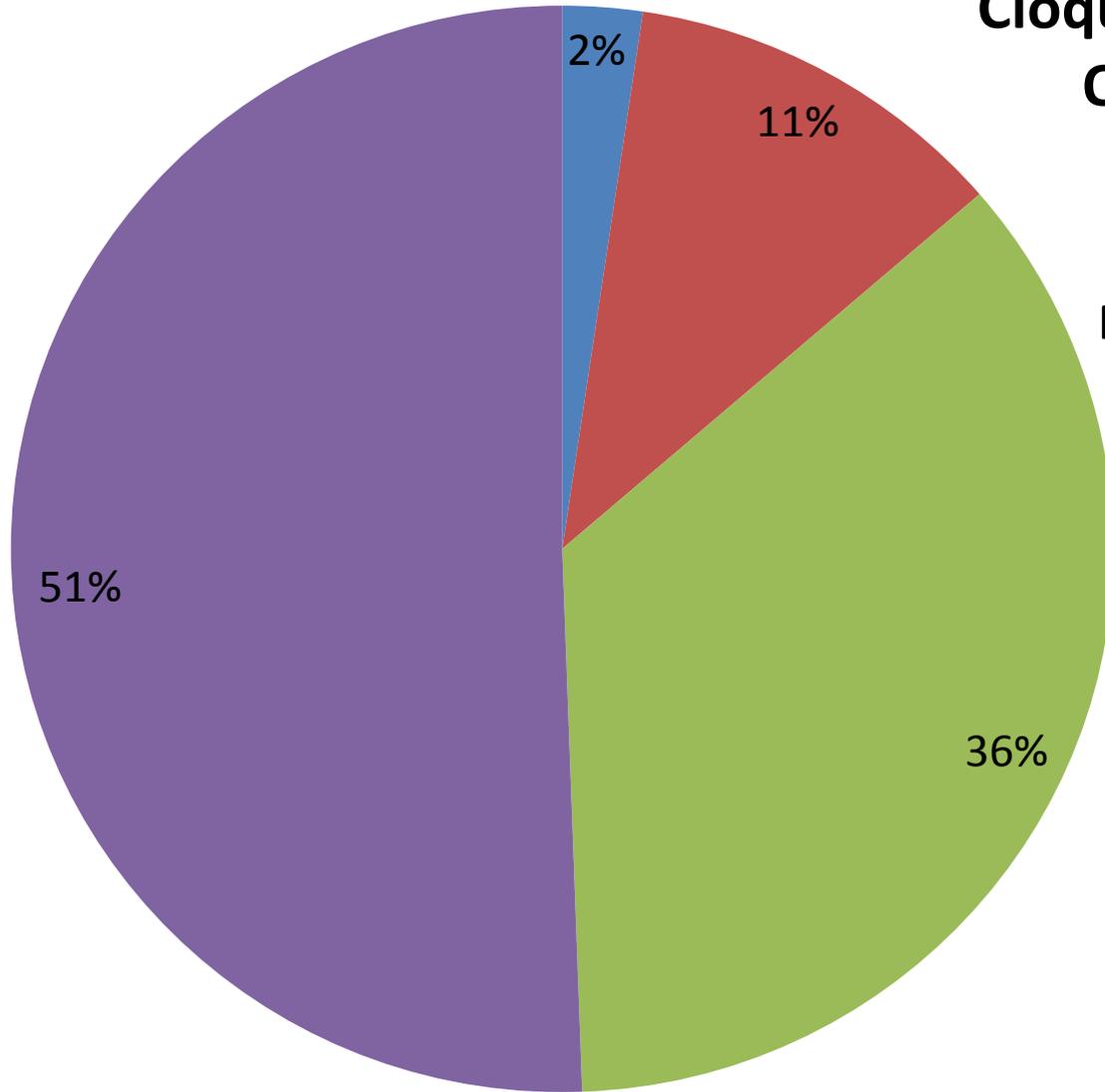


Ownership patterns in NE Landscape woodsheds: volume

	Low%	High%
National Forest	2	58
State	11	23
County	4	36
Private	24	51

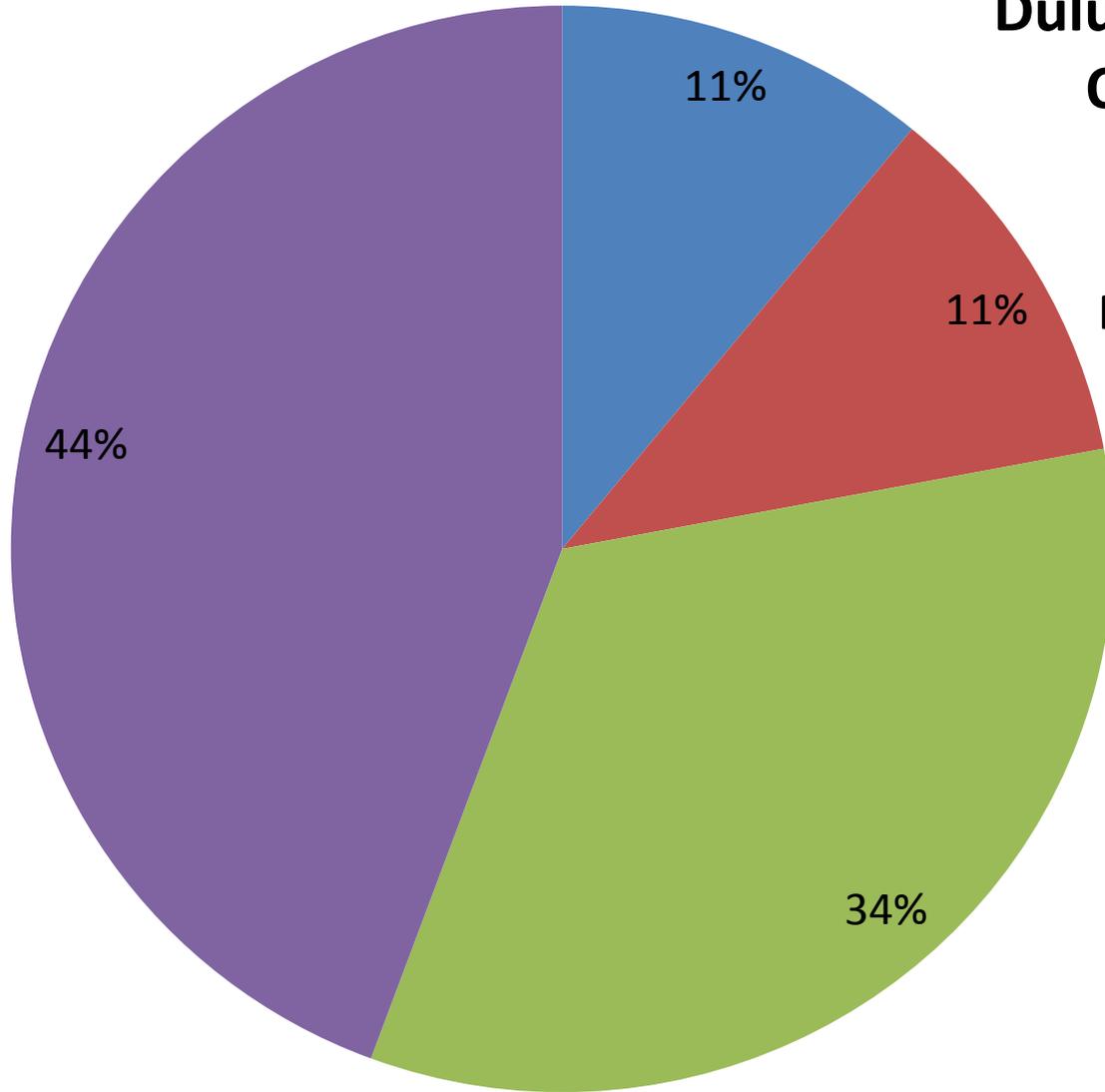
Cloquet woodshed Ownership

Percent of total volume



- National Forest
- State
- County
- Private

Duluth woodshed Ownership

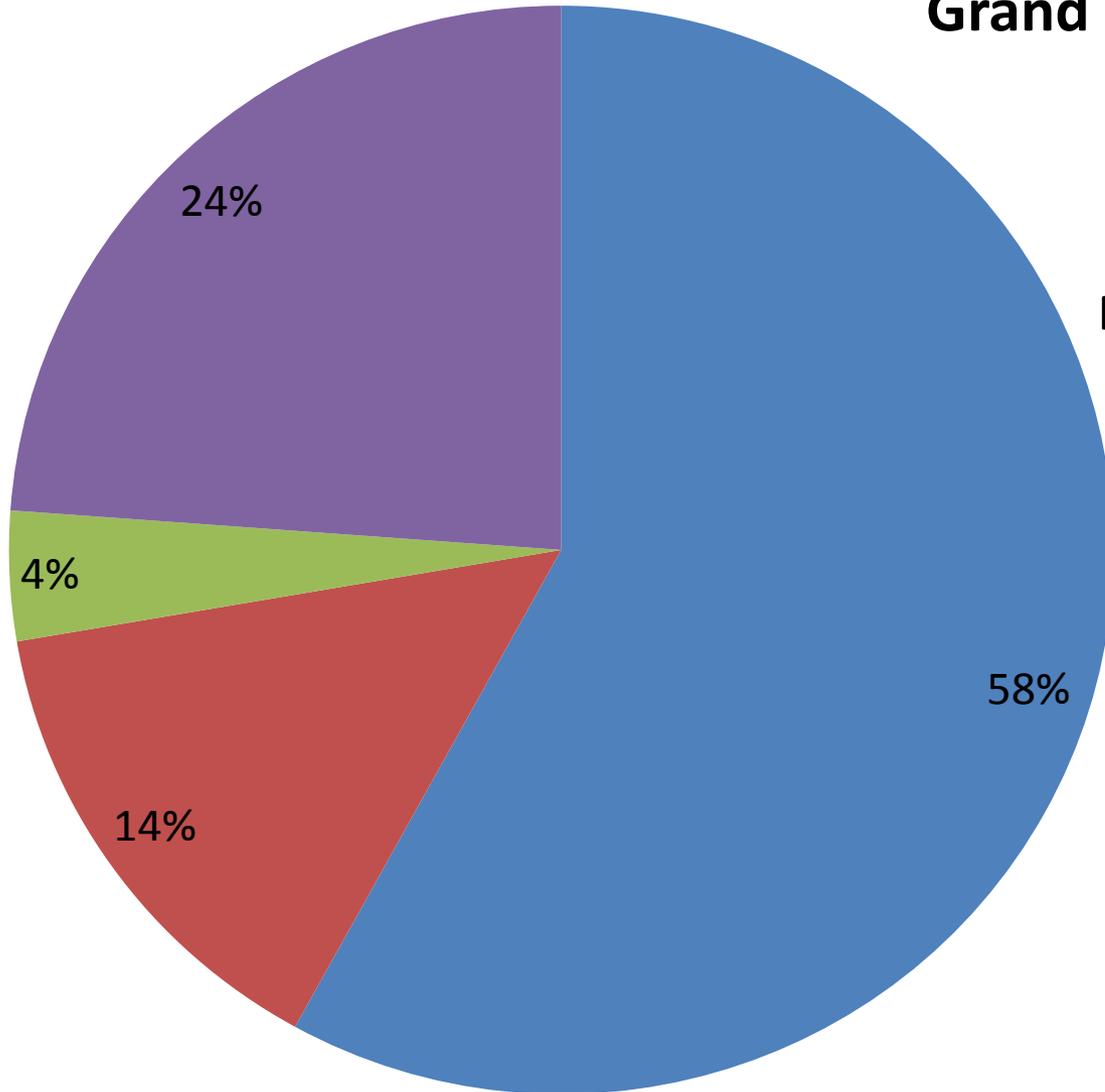


Percent of total volume

- National Forest
- State
- County
- Private

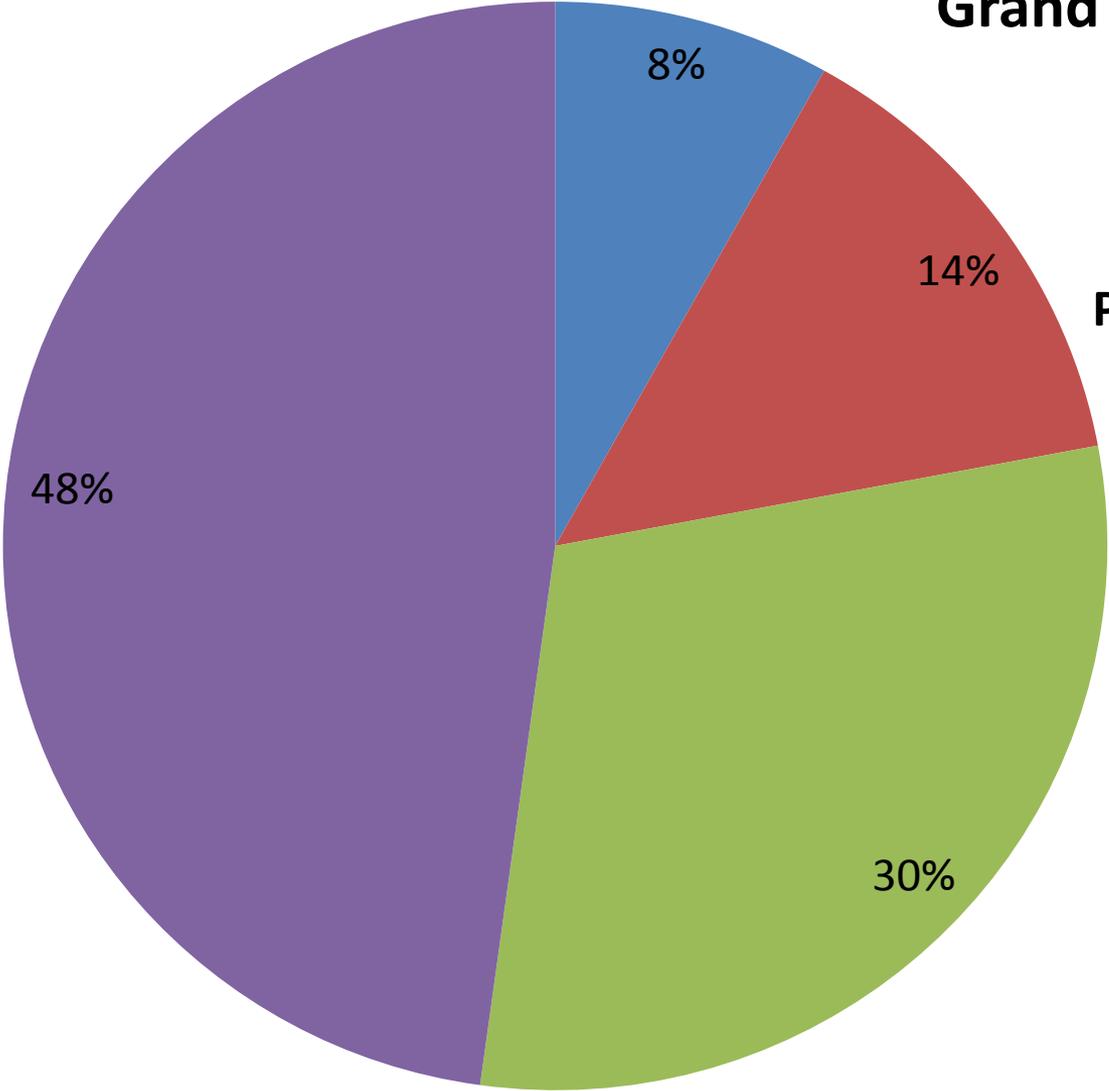
Grand Marais woodshed Ownership

Percent of total volume



- National Forest
- State
- County
- Private

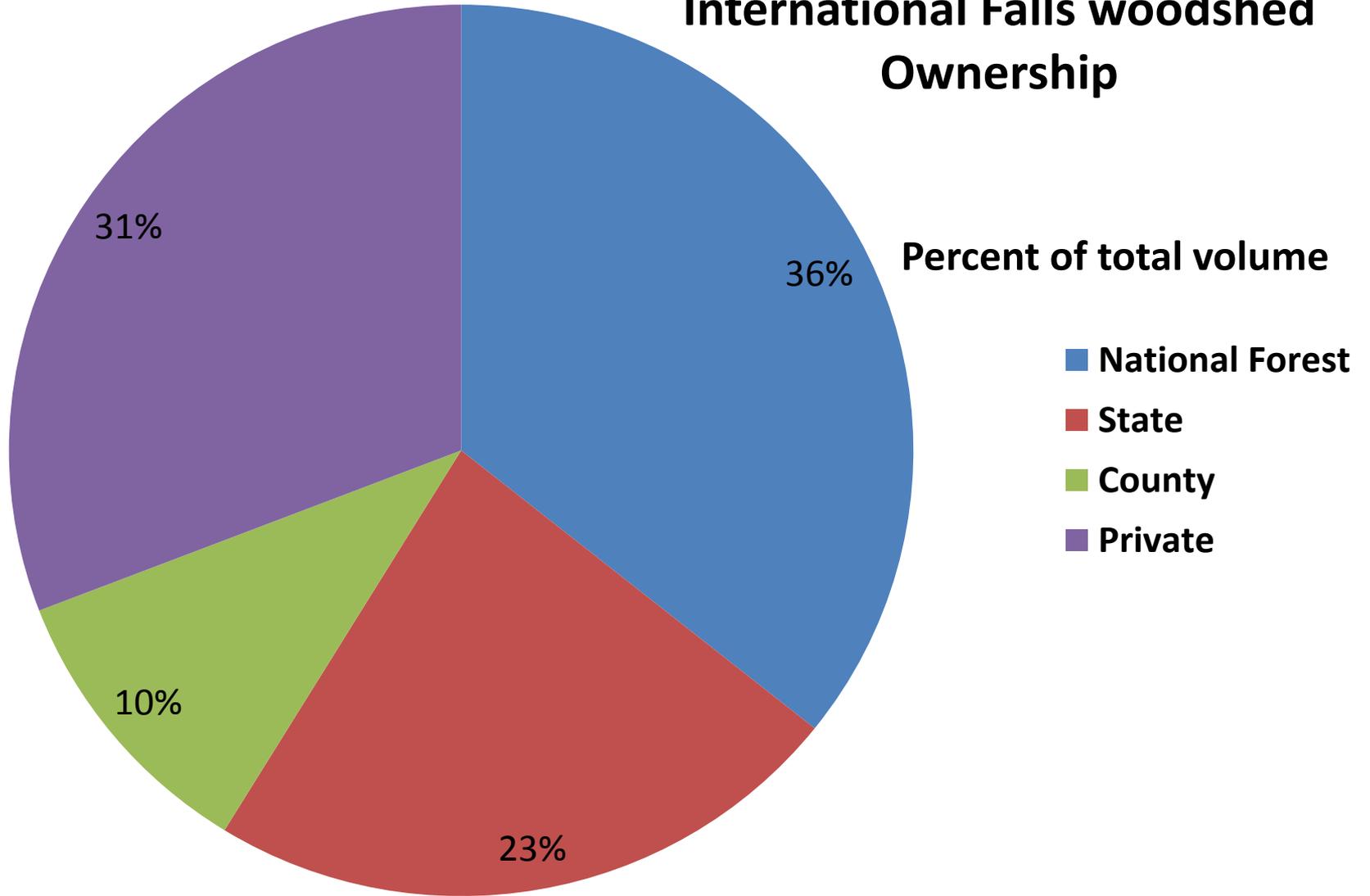
Grand Rapids woodshed Ownership



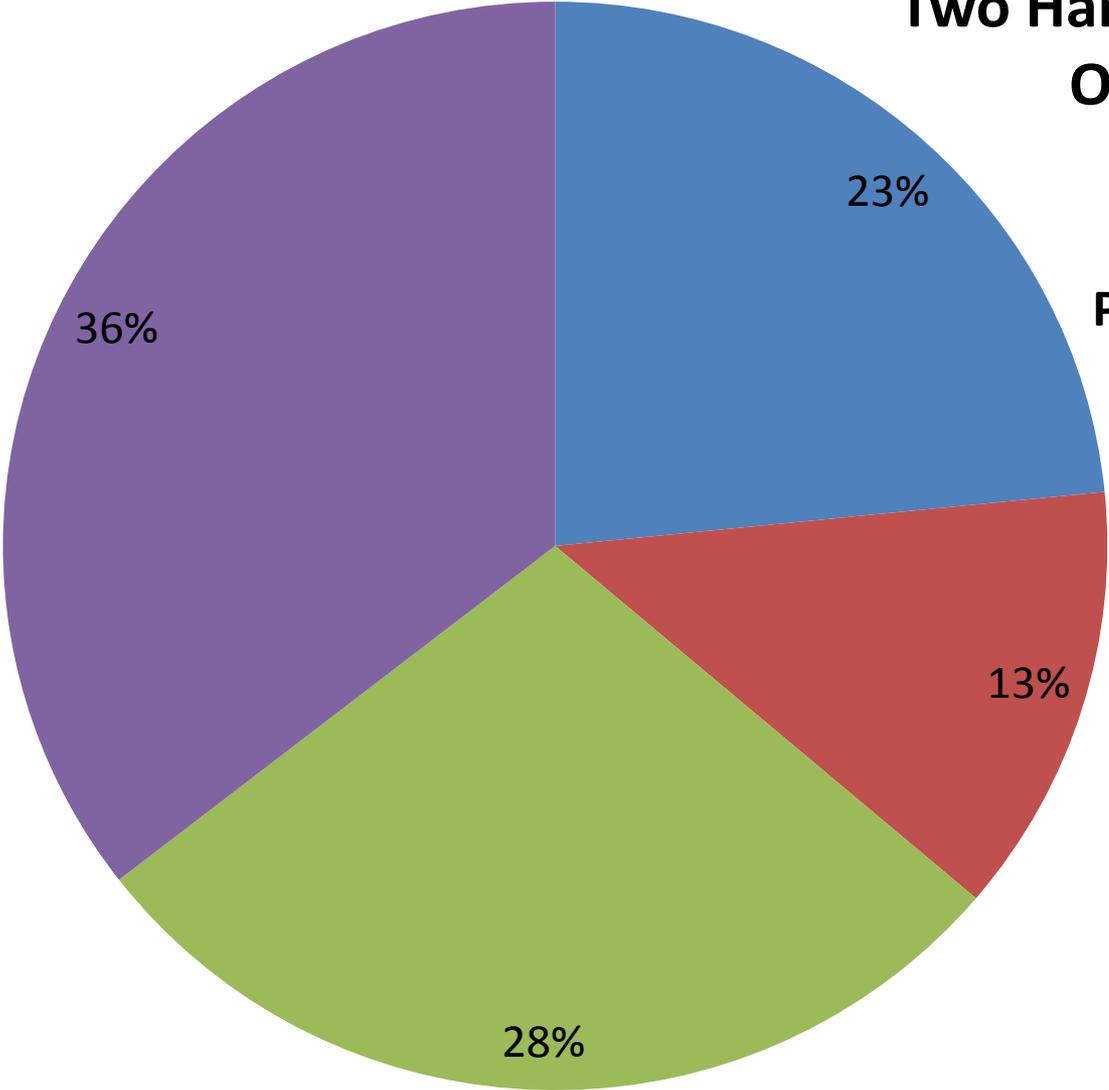
Percent of total volume

- National Forest
- State
- County
- Private

International Falls woodshed Ownership

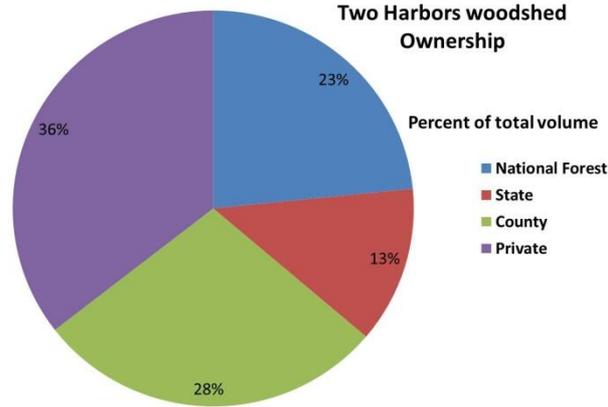
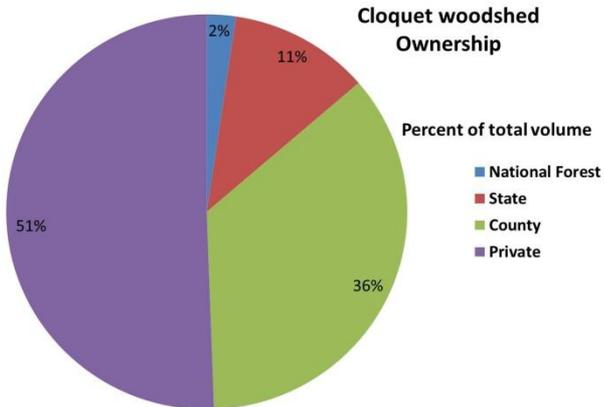
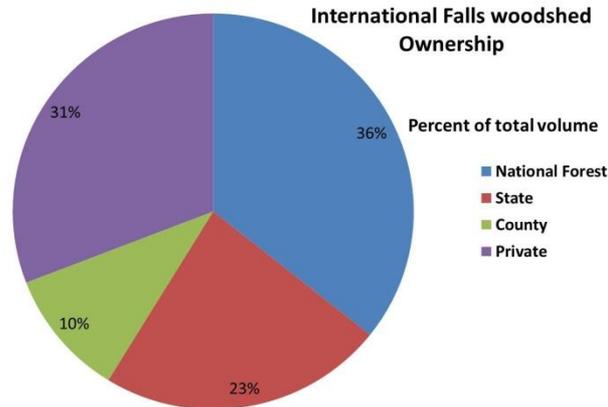
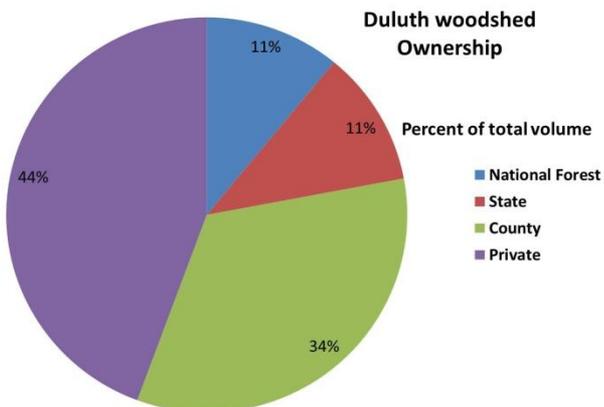
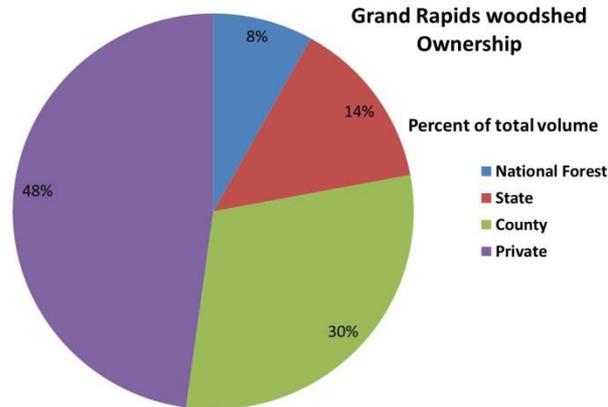
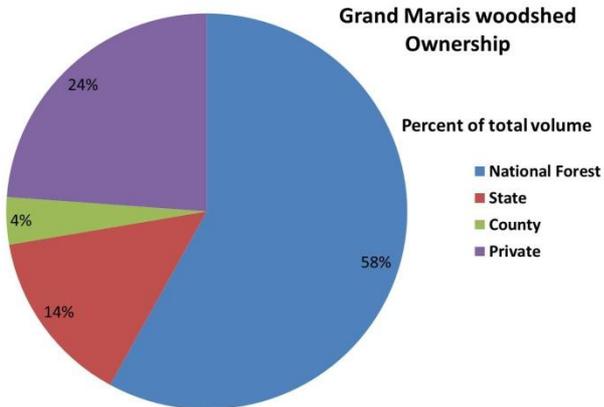


Two Harbors woodshed Ownership

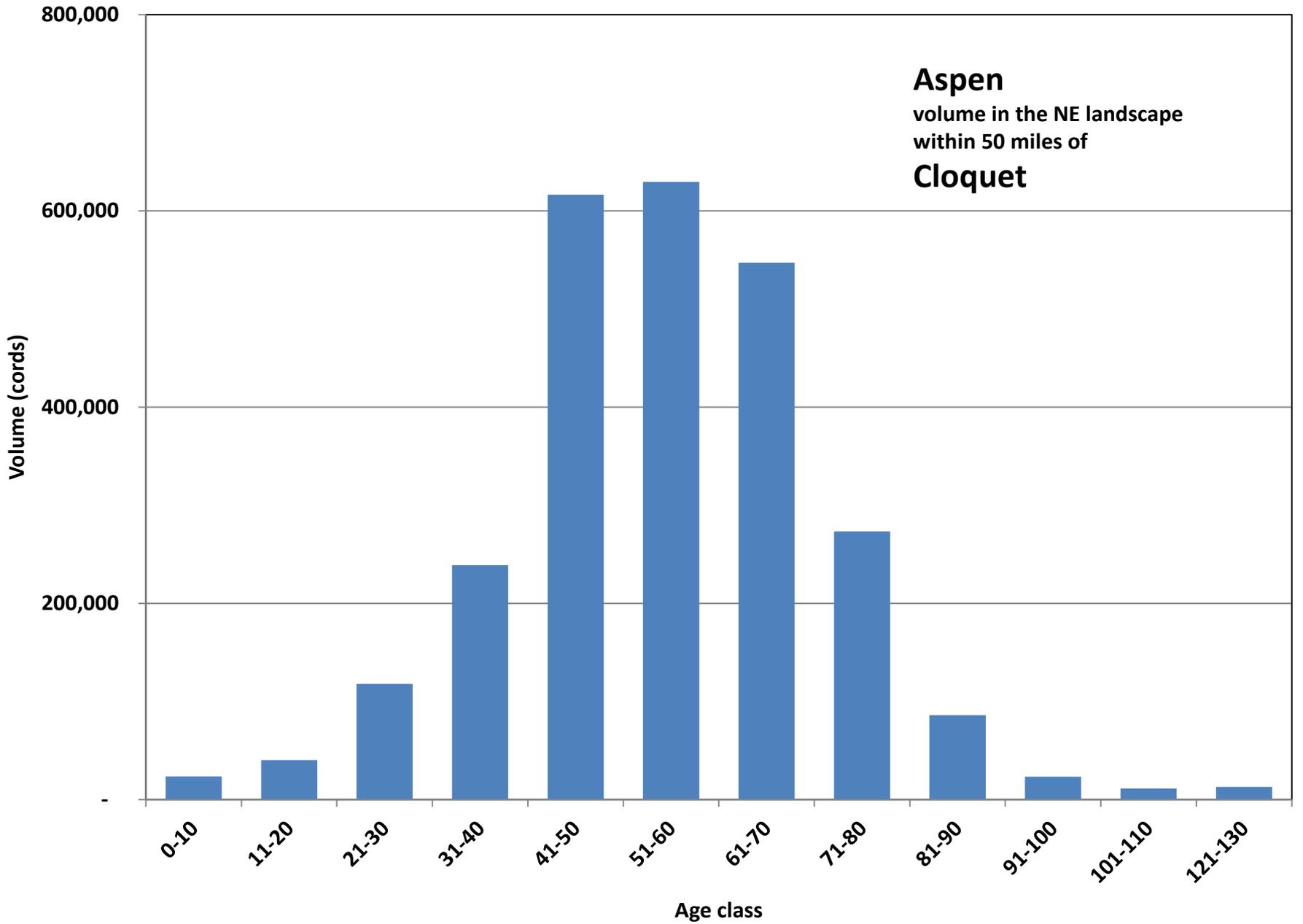


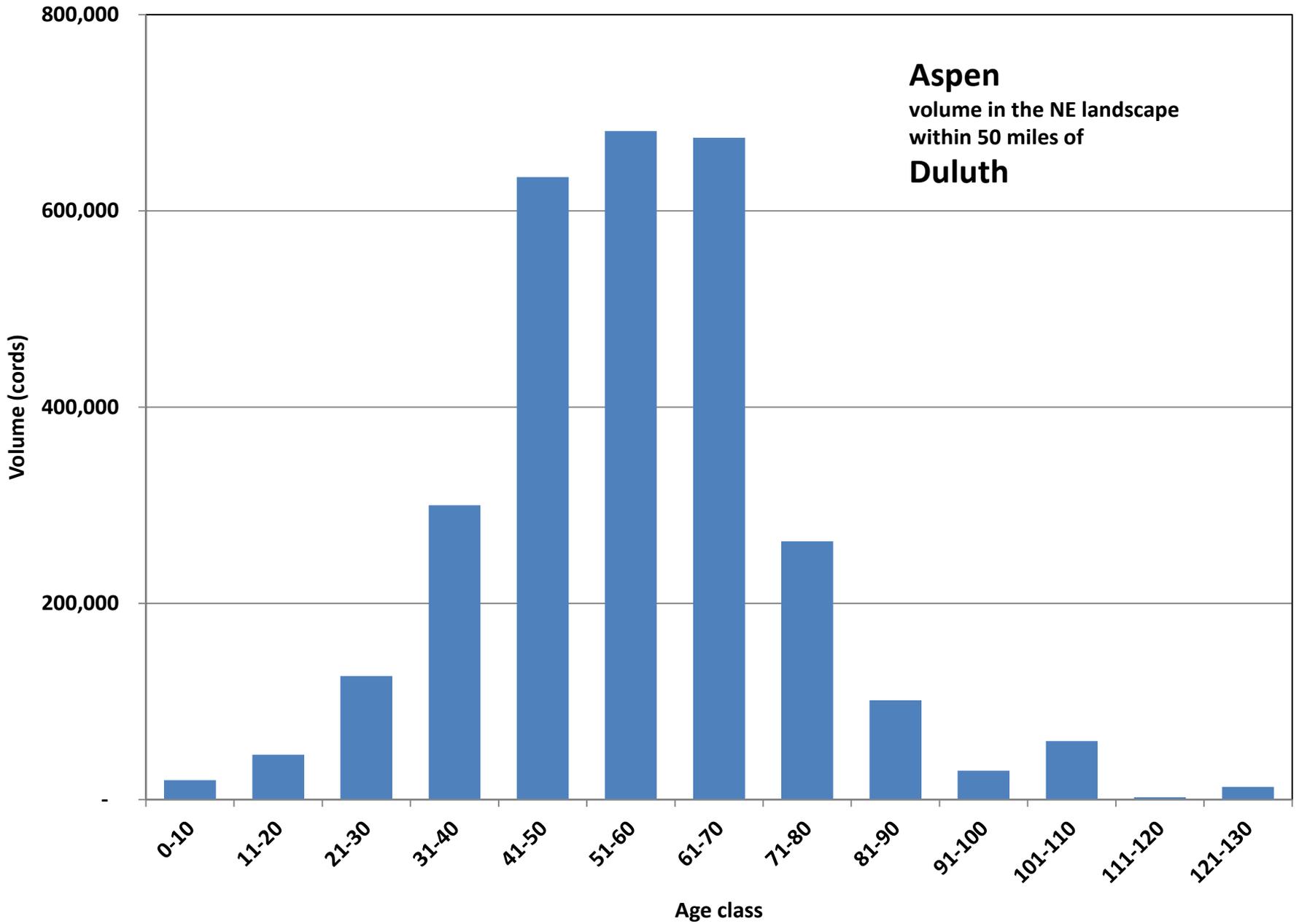
Percent of total volume

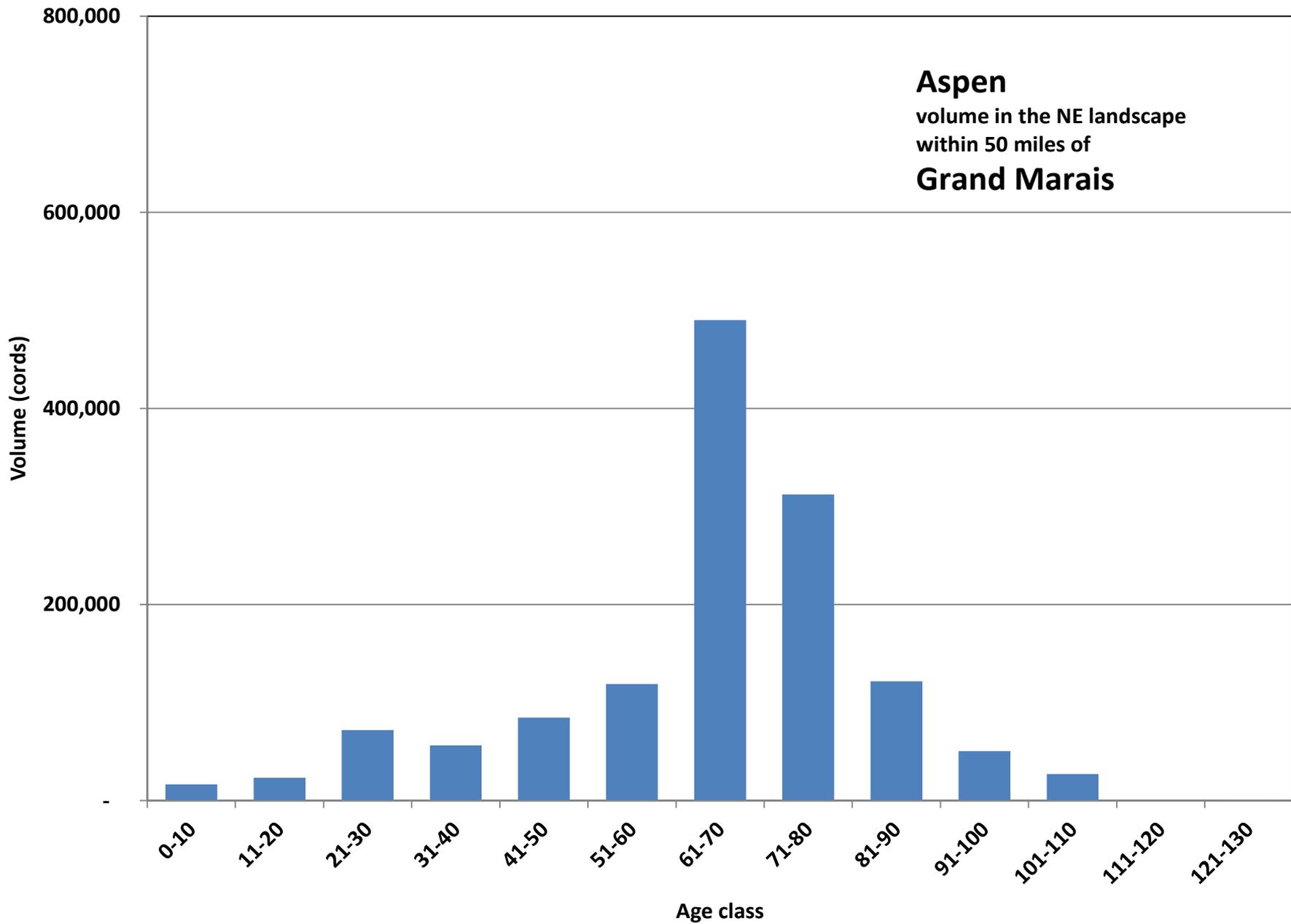
- National Forest
- State
- County
- Private

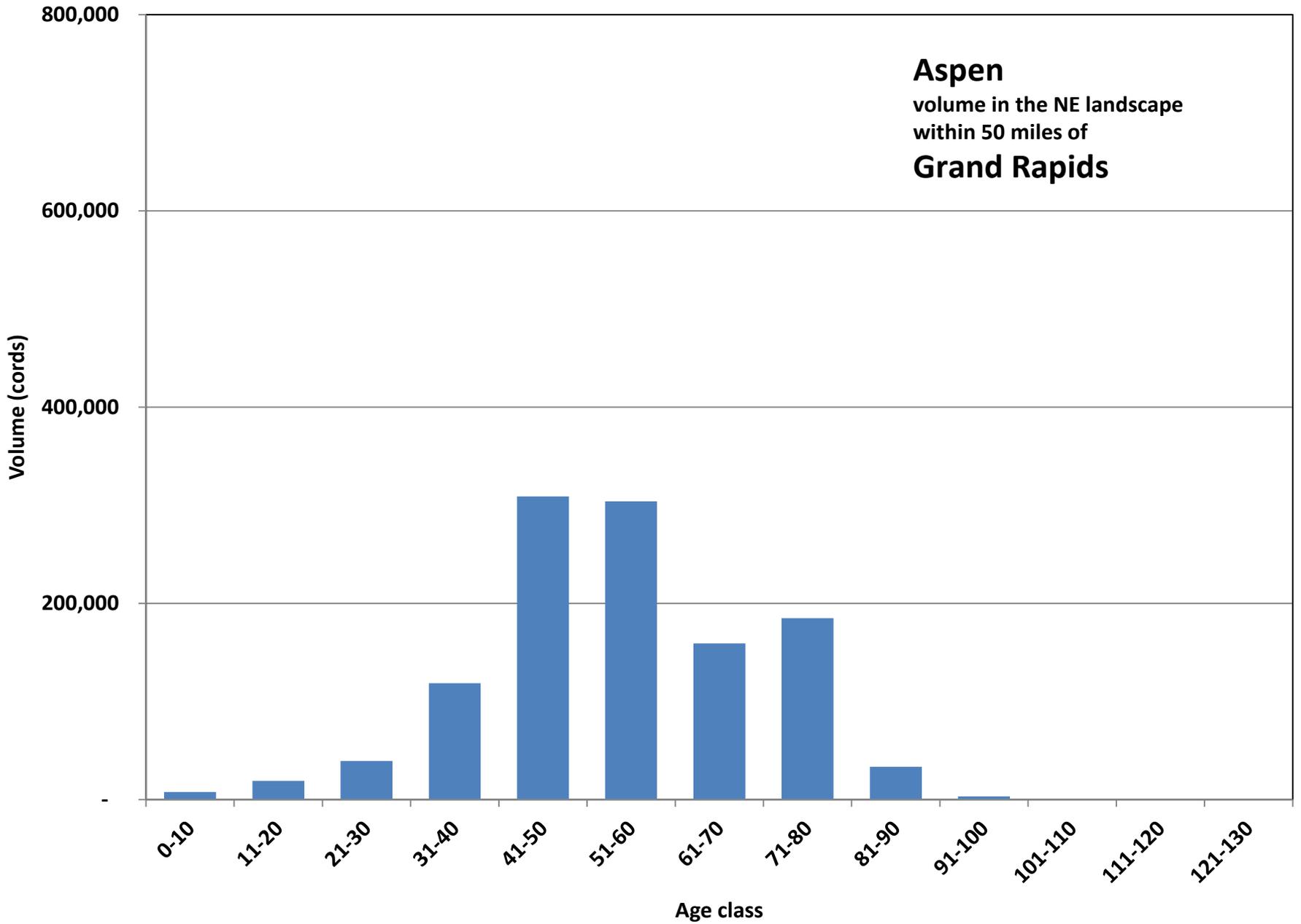


Wood Quality

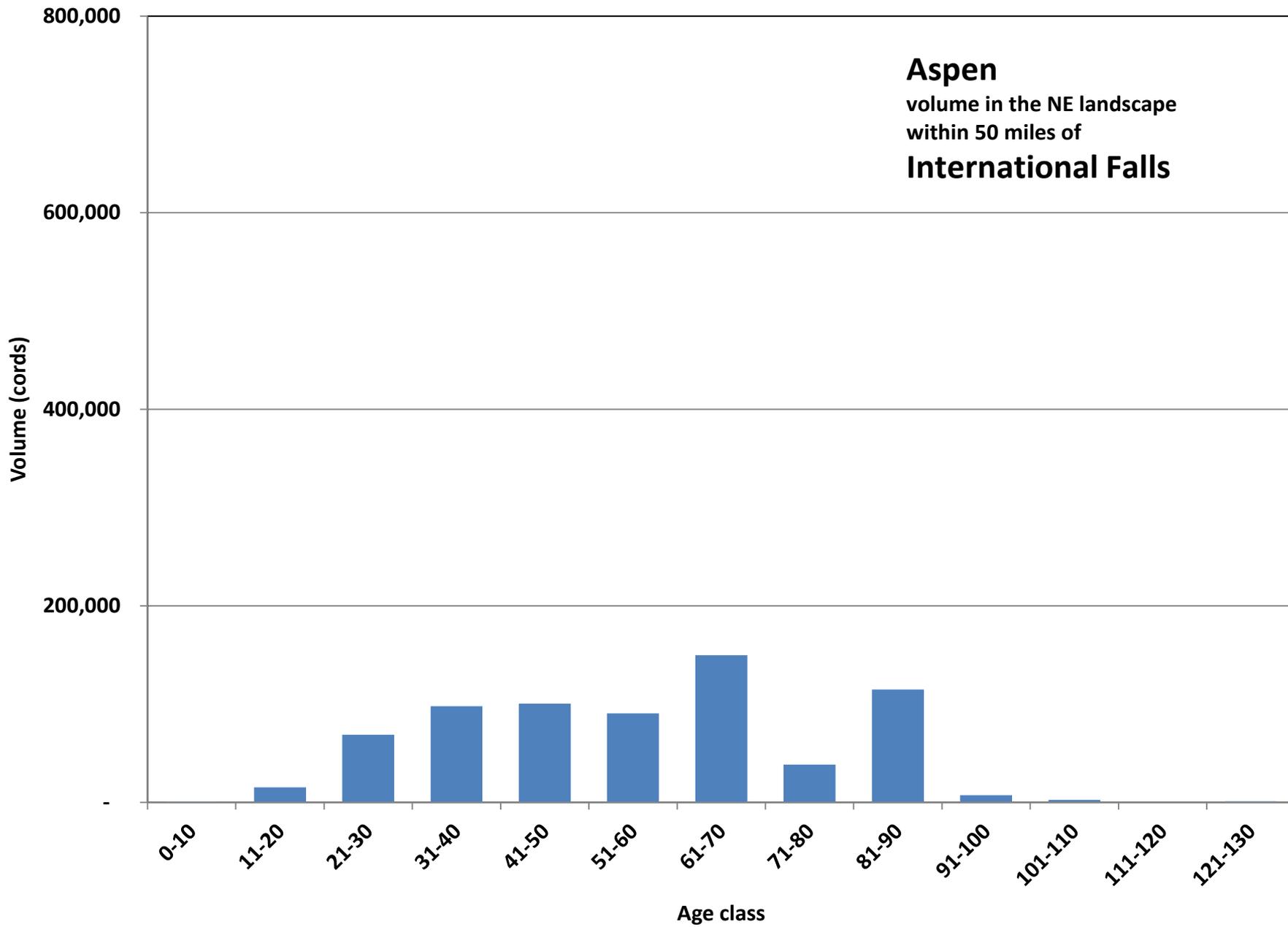




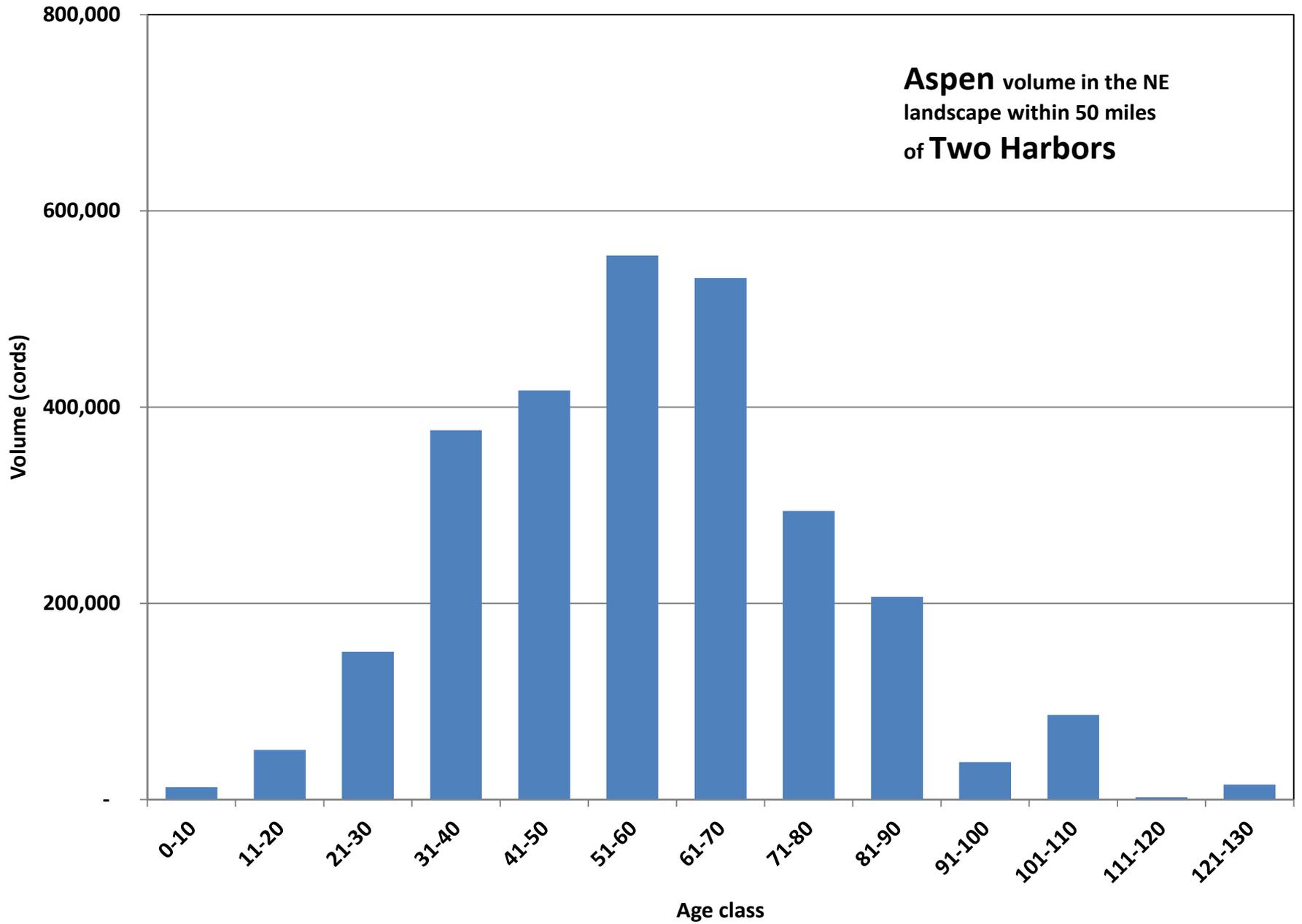


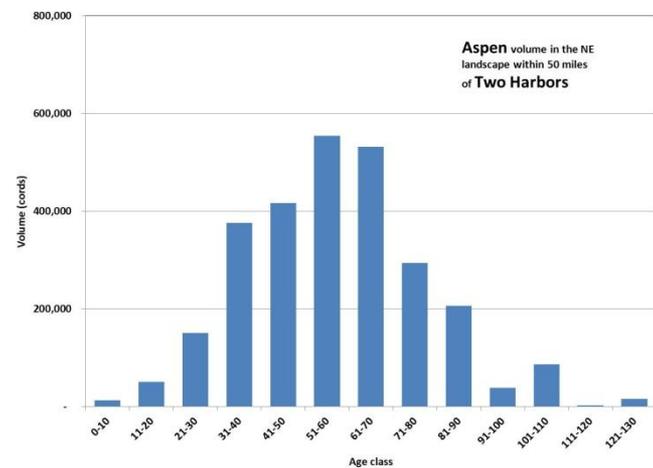
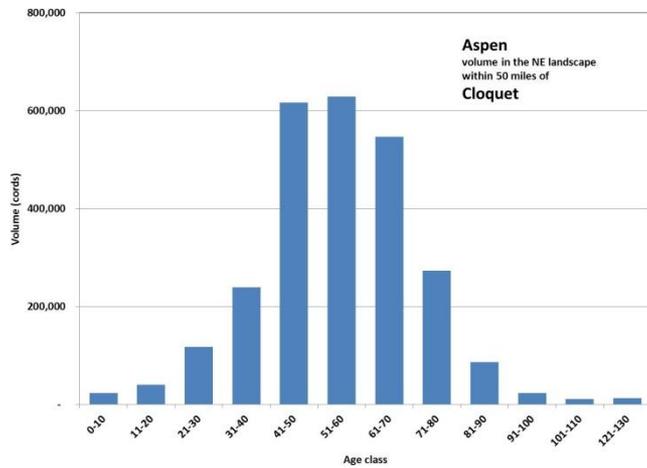
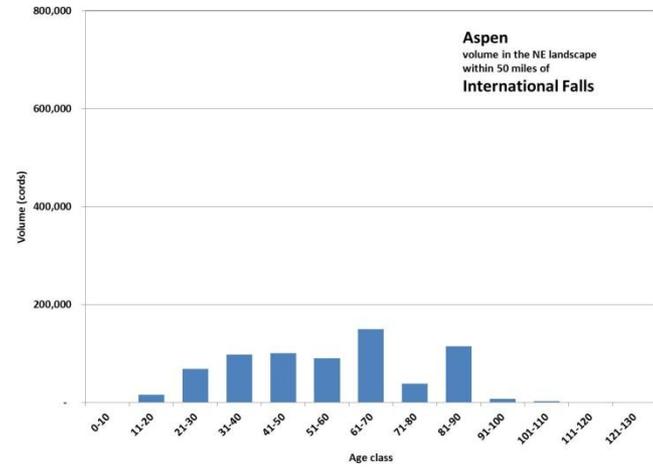
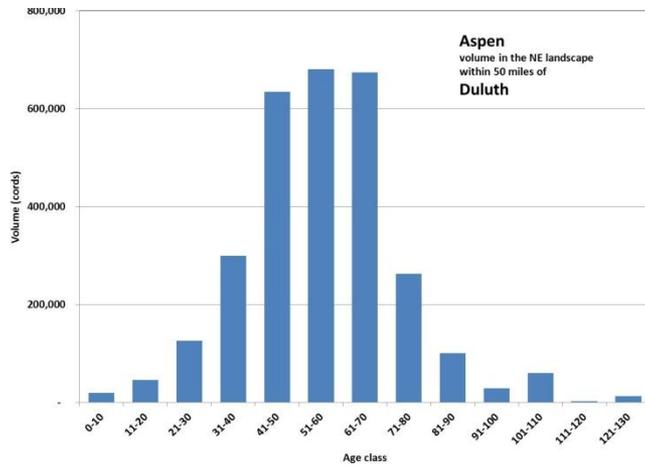
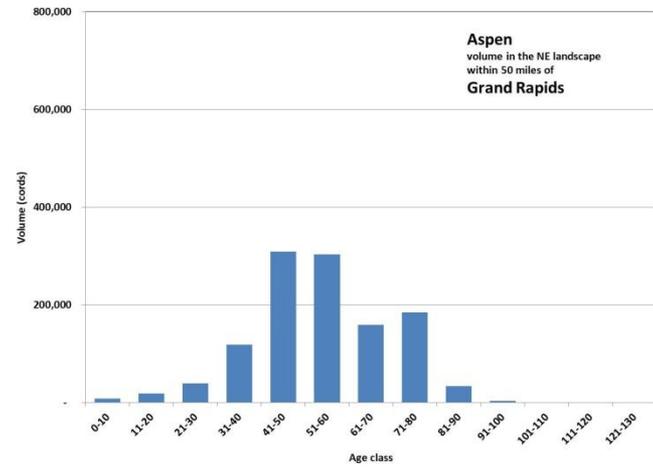
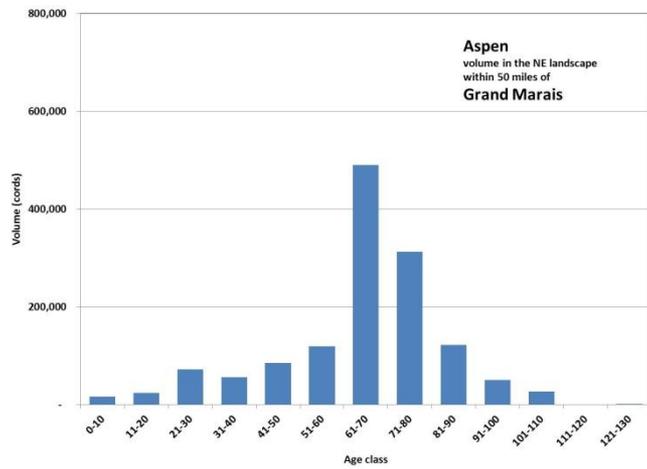


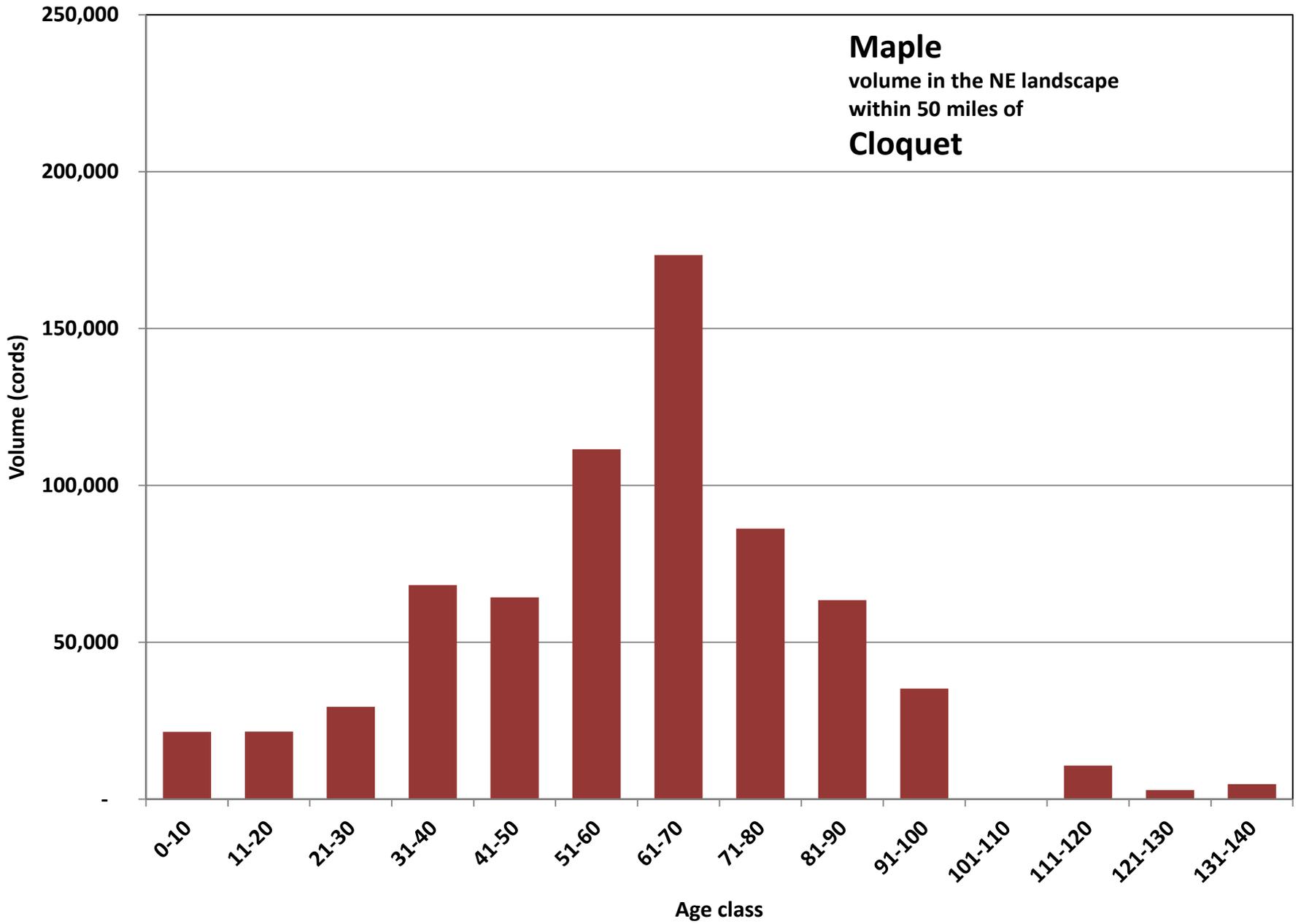
Aspen
volume in the NE landscape
within 50 miles of
International Falls

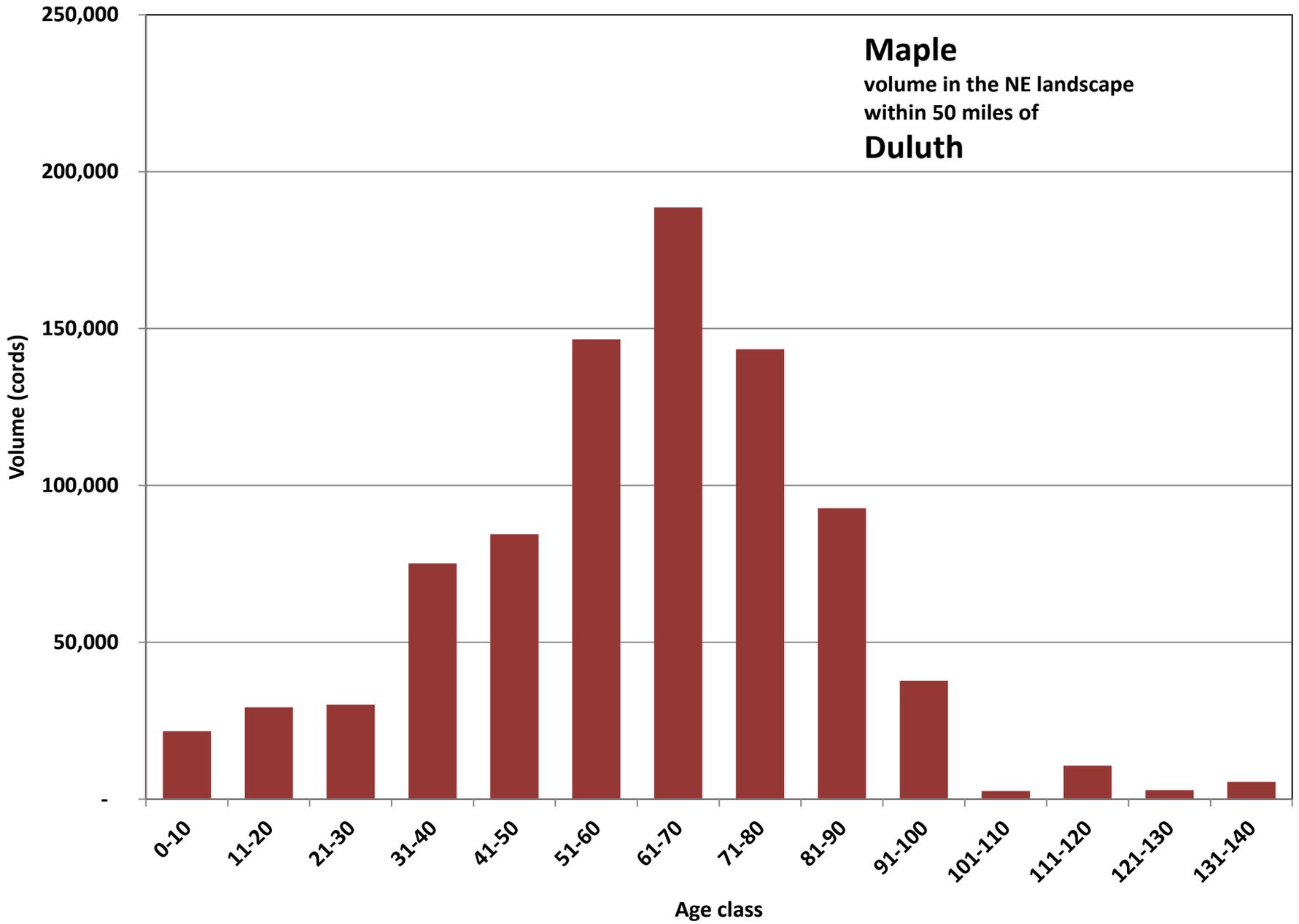


Aspen volume in the NE
landscape within 50 miles
of **Two Harbors**









Maple
volume in the NE landscape
within 50 miles of
Grand Marais

