

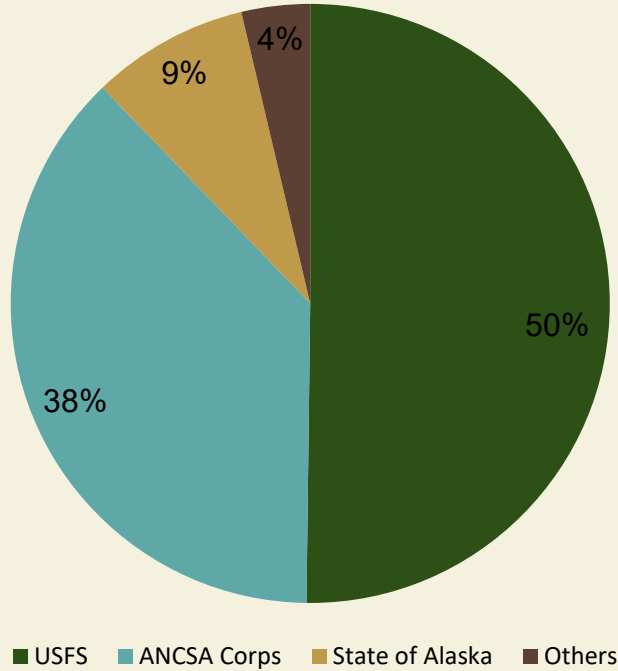
# **Southeast Alaska Young- Growth Working Forest Analysis**

**All Ownerships Addendum**

Terra Verde - July 2025

# Ownership Distribution & Operability

Net Operable Acres by Ownership (%)



Average Net-Down by Ownership (2024-2076)

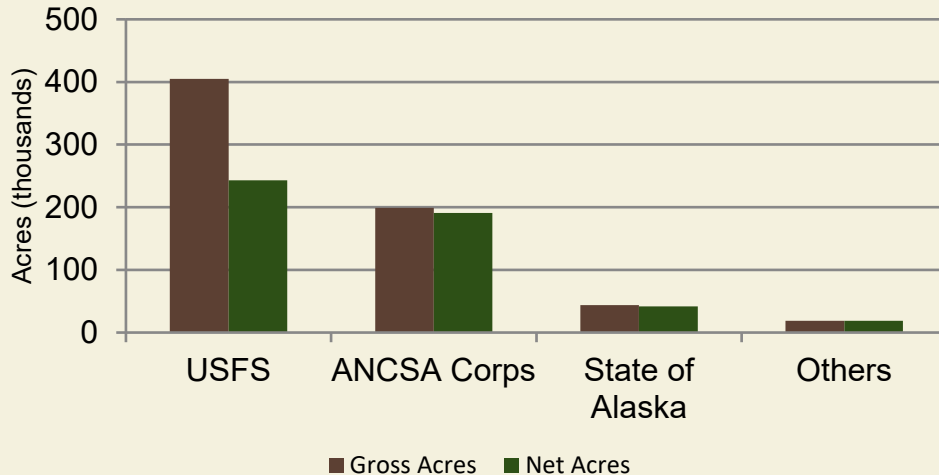


## Critical Finding

Non-federal lands have dramatically higher operability, making them vital for near-term timber supply despite smaller total acreage.

# The Real Impact: Net-Down Factors by Ownership

Gross vs Net Acres by Ownership  
(Thousands)



## Critical Findings

USFS: 405,234 gross acres → 242,662 net acres (40.9% reduction)

ANC: 198,497 gross acres → 191,470 net acres (3.5% reduction)

Other: 43,678 gross acres → 42,362 net acres (3.0% reduction)

**Field Reality: Kosciusko project showed 57% additional reduction beyond desktop analysis (USFS)**

# Three Phases of Young-Growth Timber Availability

## Foundation Building

2025-2029

**Limited supply** in 8  
priority basins.

*Scattered stands require careful planning*

## Expansion Phase

2030-2040

**15x increase** in  
harvest potential.

*The "wall of wood" begins*

## Sustained Operations

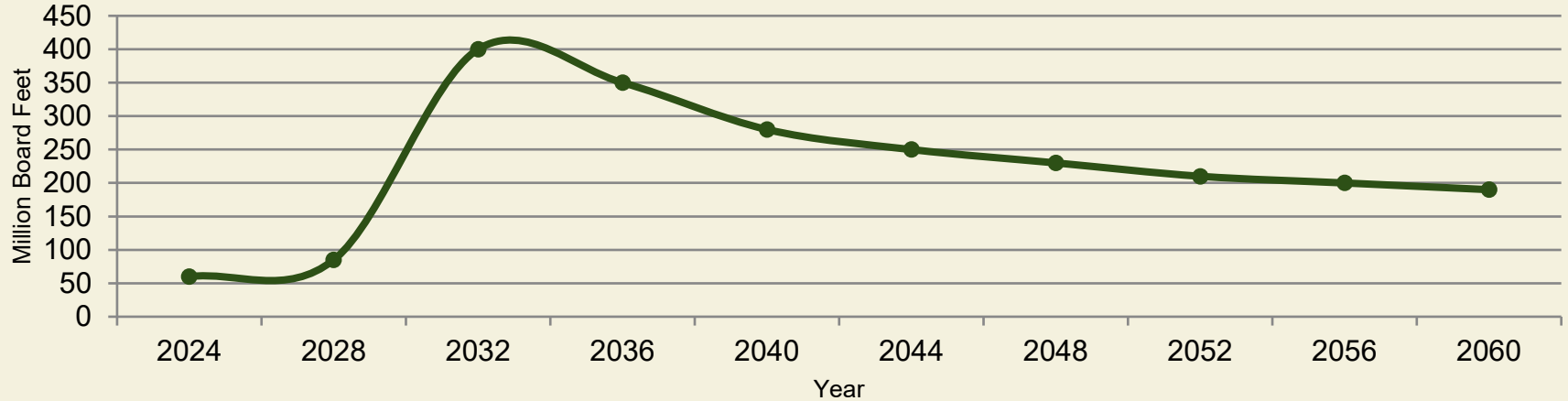
2041+

**Sustained Supply**  
with 55% of volume  
from ANC.

*Long-term sustained yield achieved*

# Young-Growth Volume Flow: 100-Year Outlook

## Projected Annual Harvest Volume Over Time



### 2024-2029

**471M** board feet total

(limited supply)

### Peak Years 2032-2034

**400M** board feet annually

### Long-term Average

**200-250M** board

feet/year sustained

### Total 100-Year Supply

**11B** board feet across all

ownerships

# Critical Challenges & Strategic Recommendations

## Federal Operability Gap

1

Kosciusko project showed 43% additional reduction beyond mapped constraints. Need to focus on cost reduction!

Develop realistic field-verified operability assessments

## Carbon Market Competition

2

ANCSA lands may shift from timber to carbon programs, reducing supply.

Create integrated revenue models balancing both markets

## Complex Partnerships

3

Major basins require 3-5 landowner coordination.

Establish formal partnership frameworks and agreements

## Near-Term Supply Gap

4

Limited volume until 2030 "wall of wood" threatens industry viability.

Launch pilot projects immediately to bridge the gap