

THE STATE OF FORESTRY

IN SOUTH CAROLINA

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FORESTRY COMMISSION HIGHLIGHTS

Staffing restoration

2008 – 380

2012 – 280

2016 – 357

State funding improvements

2008 - \$19M

2012 - \$10M

2016 - \$15M

Equipment funding improvements

From “zero” to \$1 to \$2M
and Act 271 funding of \$3M annually



FORESTRY COMMISSION HIGHLIGHTS

- Firefighting unit replacement: Now 15 to 18 units annually. 64 or **40%** new enclosed-cab dozers by 2016.
- Manned fire units: 155 or **97%** of 160 unit goal by 2016.
- Now filling non-firefighting vacancies: Communications, Development, Nursery, Admin, Info Tech, foresters, education.
- Requesting continued restoration: Firefighting, service foresters, nursery, tree improvement, operating and federal funding replacement.

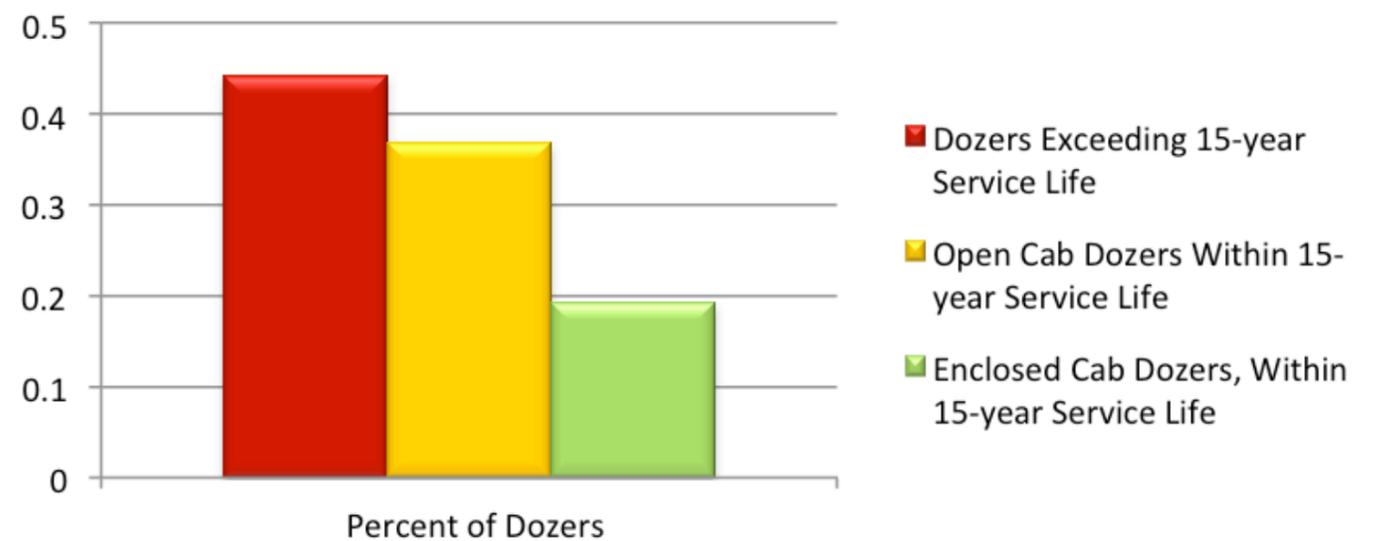


IMPROVED, SAFER FIREFIGHTING CAPACITY

- Supported by Governor, General Assembly, and partners.
- 40% enclosed cab dozers by 2016.
- 97% of manned dozer goal by 2016.
- Replaced Vietnam-era firetracks with state-of-art new units.
- Upgraded radio system in dispatch.
- Adding new remote, automated weather stations.



Figure 4. Firefighting Dozers By Service Life Category During FY2015



FOREST HIGHLIGHTS

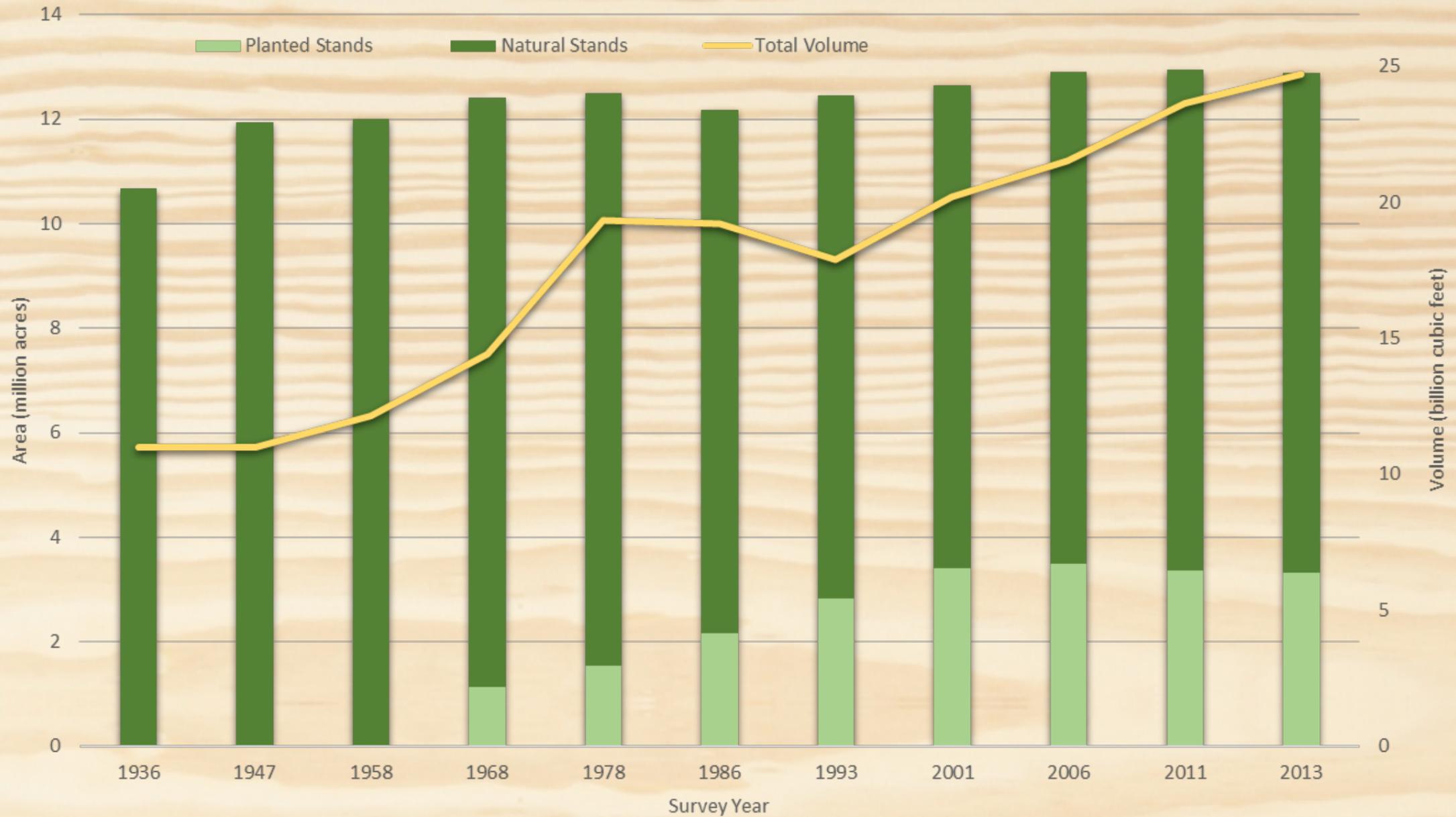
- 13.1 million acres of forestland
- 67% of SC's land area is forested
- 52% hardwood / 48% pine types
- **24% planted pine, producing >50% of timber supply**
- 88% private / 12% public
- **300,000 family forest owners (86,000 own >10 acres)**
- Growth exceeds harvest
- Timber volumes at record levels
- **Scarcity in pulpwood-size pine timber intensifies**



FOREST HIGHLIGHTS

Timberland acreage stable

But, wood volume increasing at record levels



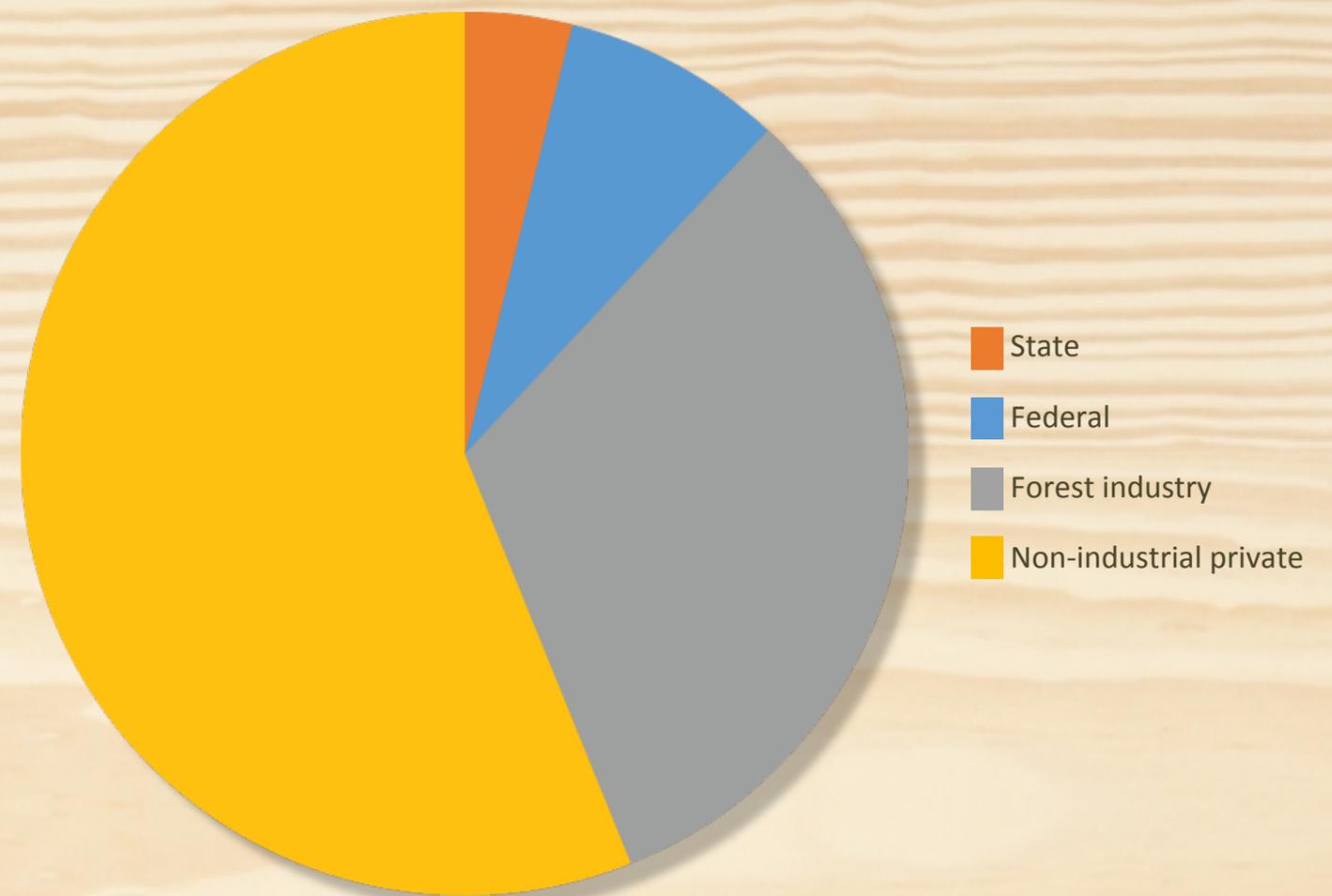
FOREST HIGHLIGHTS

Private landowners control wood supply:

Own 88% of forestland

Produce 96% of the state's timber supply

LAND OWNERSHIP, 2014

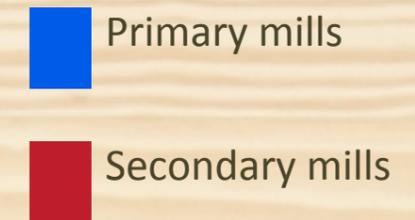
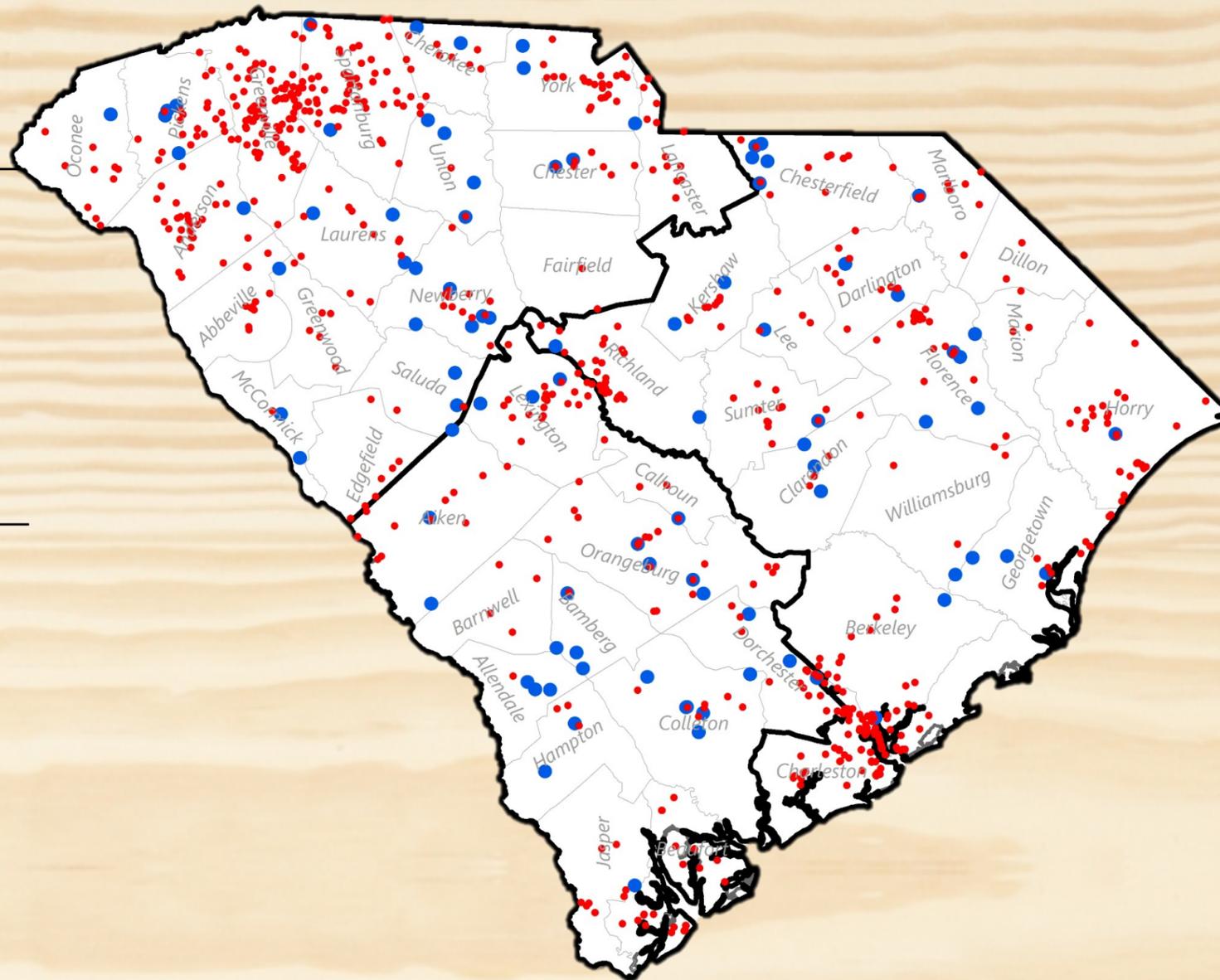


FOREST HIGHLIGHTS

Manufacturing controls demand

PRIMARY AND SECONDARY WOOD-USING MILLS, 2015

Primary mills	#
Sawmills	40
Veneer	5
Pulp and paper mills	7
Composite panel board	3
Other	39
TOTAL	94
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Secondary mills	725

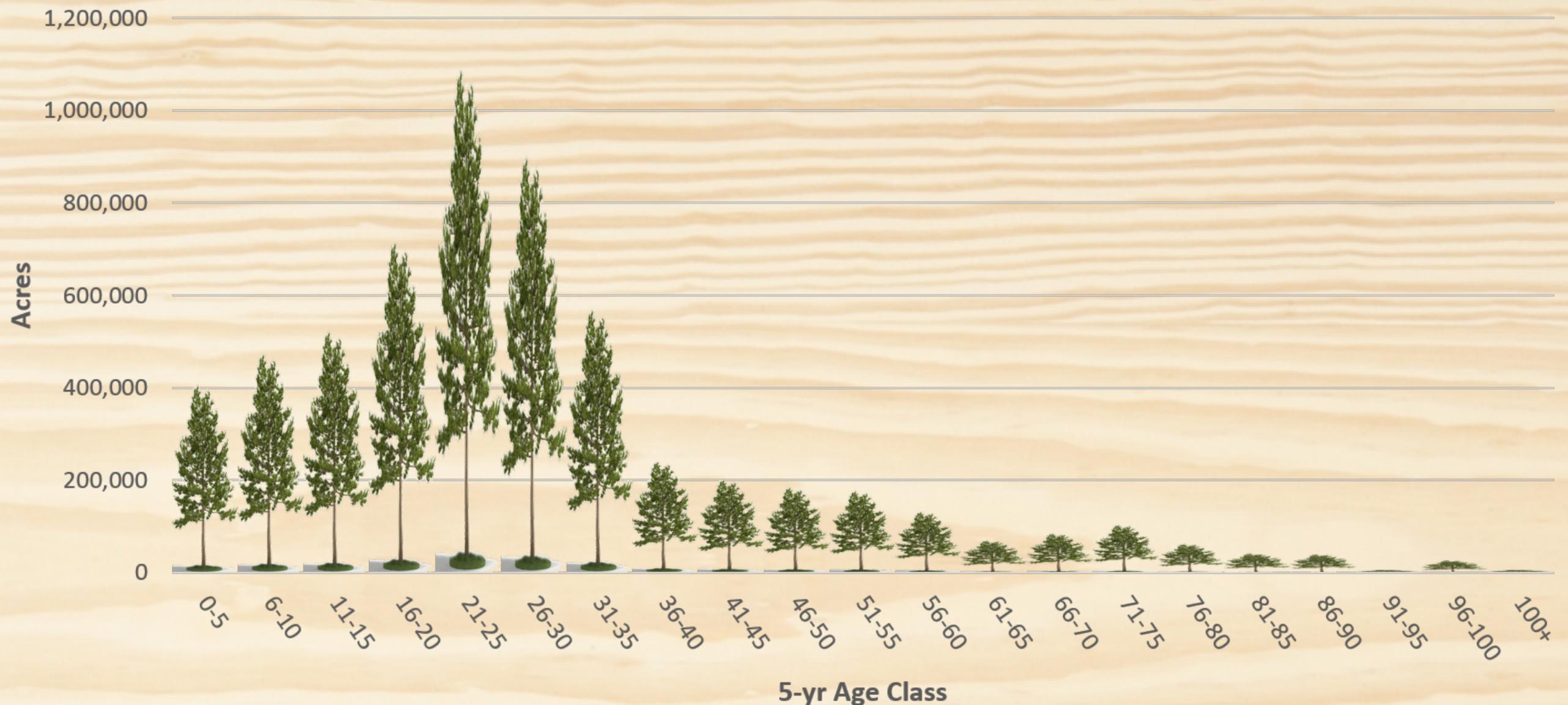


FOREST HIGHLIGHTS

Pulpwood-size pine supply declining

*Hurricane Hugo, Recession, & CRP created a “wall of wood”
and uneven age structure*

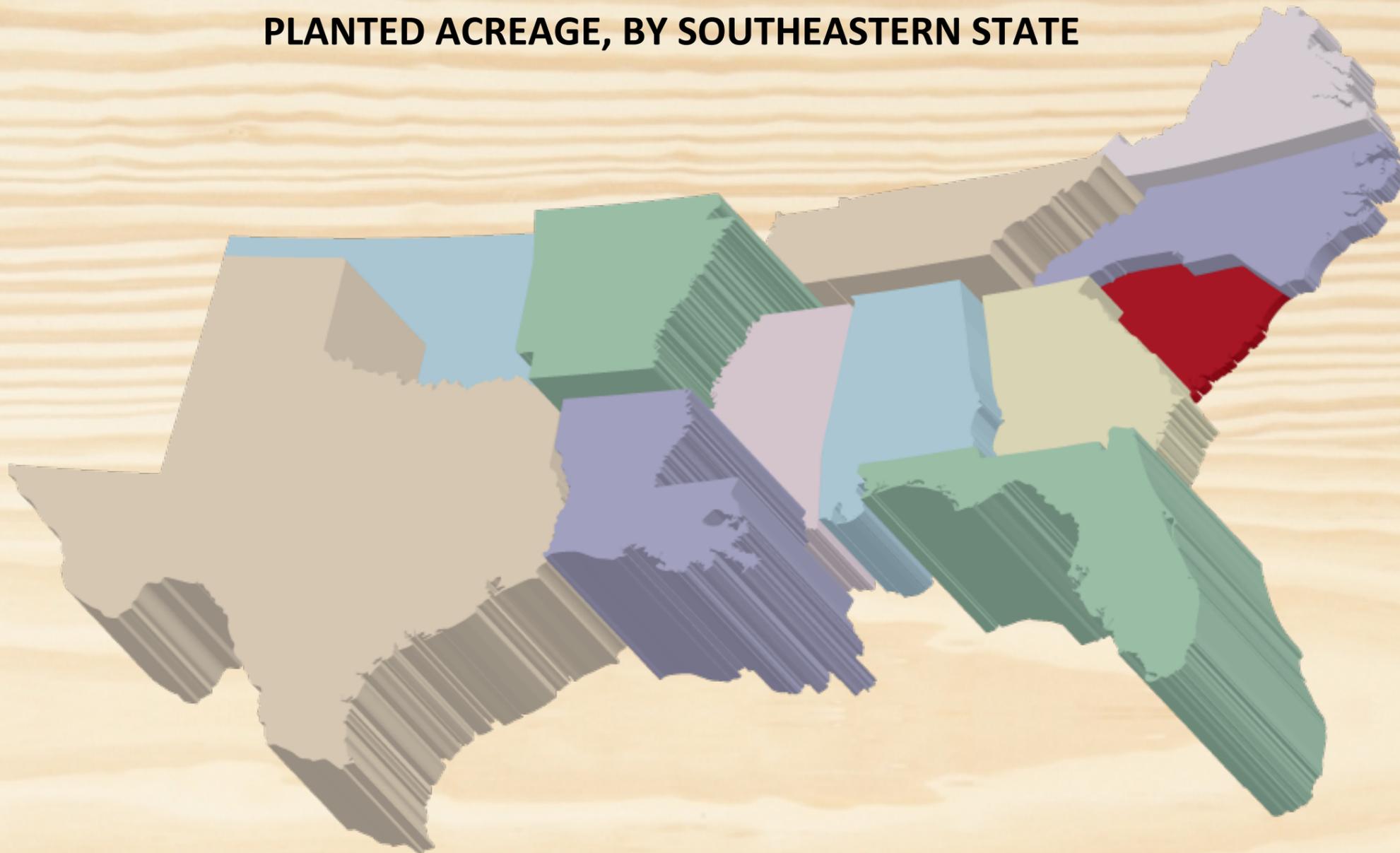
TIMBERLAND ACREAGE OF SOUTHERN YELLOW PINE, SC - 2014



FOREST HIGHLIGHTS

SC has lowest % planted pine acreage in 0-15 age class in the Southeast

PLANTED ACREAGE, BY SOUTHEASTERN STATE



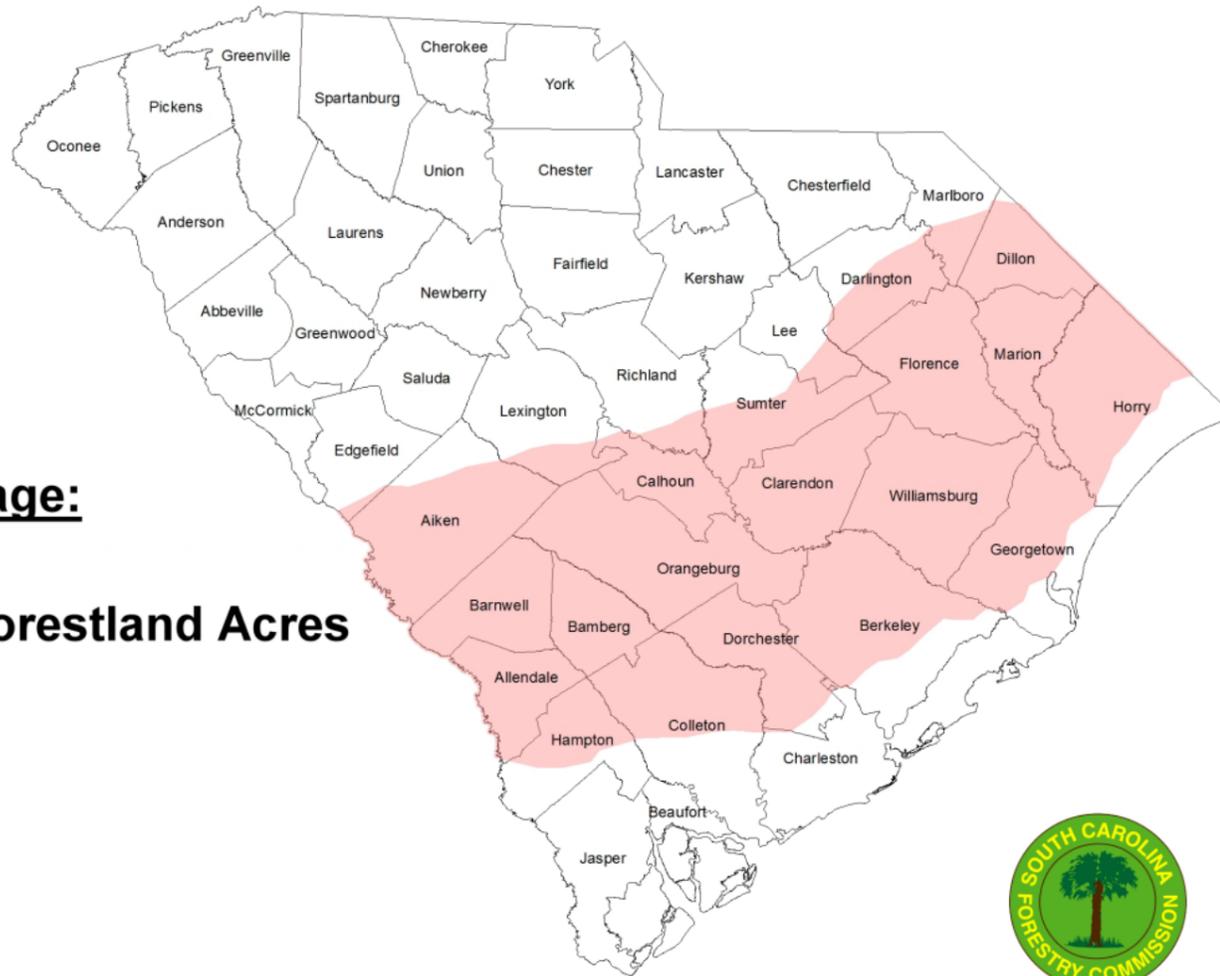
Alabama	54.1%
Florida	54.0%
Louisiana	52.9%
Texas	52.5%
Tennessee	50.3%
Alabama	49.9%
Mississippi	46.2%
Oklahoma	44.4%
Georgia	40.7%
Virginia	38.7%
N. Carolina	37.2%
S. Carolina	30.2%



FOREST HIGHLIGHTS

2014 ice storm damage equivalent to one year's harvest

Timber Damage Corridor from Winter Storm



Timber Damage:

\$360 Million
1.5 Million Forestland Acres
24 Counties

Timber damage occurred across the state, however, the majority of timber damage occurred in the area indicated above.



March 5, 2014



FOREST HIGHLIGHTS

October 2015 flooding



FOREST HIGHLIGHTS

October 2015 flooding

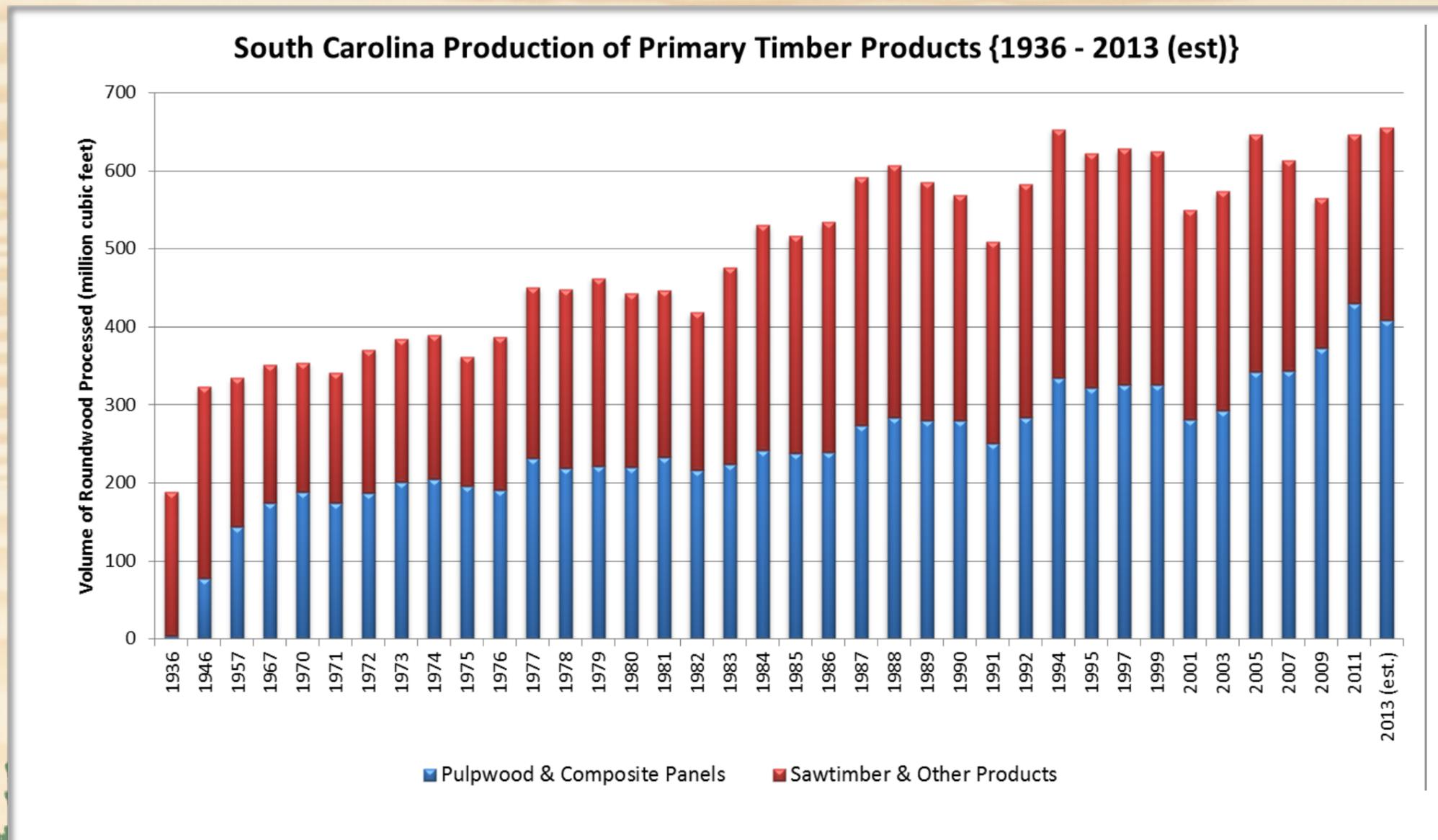
- At least \$65 million loss in the forest industry's economic impact, **so far**
- Small portion (.003 %) of industry's total annual impact
- But, huge impact on individual loggers, landowners, and mills
- Possible small additional reduction in pine plantation acres
- However, SC forests rebound from floods, ice, hurricanes, and insects



FOREST INDUSTRY HIGHLIGHTS

Continued Timber Production Recovery In 2013

TPO results show 2% increase in manufacturing



FOREST INDUSTRY HIGHLIGHTS

SC Forest Products Week

- Gov. Haley proclaimed Oct. 19-23 SC Forest Products Week.
- Recognizes the value of forest products, forest managers, and manufacturing.
- Coincides with National Forest Products Week every third week in October.

State of South Carolina Governor's Proclamation

WHEREAS, our country and its people find constant strength, individual peace, and personal pride in the bounty of our forests and timberlands; and

WHEREAS, from the beginning of our nation's founding, the forest and its products have provided a core of living and freedom that touches and inspires citizens with its majestic beauty and practical use; and

WHEREAS, generating an annual impact of \$18.6 billion to South Carolina's economy, forestry constitutes the Palmetto State's largest manufacturing sector in terms of jobs and labor income; and

WHEREAS, forest products are South Carolina's largest harvested crop, totaling \$759 million annually, and represent the number one export commodity from the Port of Charleston; and

WHEREAS, as a renewable resource, wood offers the availability and abundance to satisfy the state's ever-growing demands and, through active forest management, we can be assured of a continuous supply of timber for the future.

NOW, THEREFORE, I, Nikki R. Haley, Governor of the great State of South Carolina, do hereby proclaim October 19-23, 2015, as

SOUTH CAROLINA FOREST PRODUCTS WEEK

throughout the state and encourage all South Carolinians to recognize the importance and heritage of our vast forest resources, which are inseparably tied to our past, present, and future.



Handwritten signature of Nikki R. Haley in black ink.

NIKKI R. HALEY
GOVERNOR
STATE OF SOUTH CAROLINA



FOREST INDUSTRY HIGHLIGHTS

Forest Industry Summit and Economic Impact

New impact figure announced during August Forestry Summit.
Governor's "SC Forest Products Week" proclamation emphasized forestry's economic contribution to SC.

\$18.6 BILLION

#**1**

**MANUFACTURING
SECTOR**
in jobs and labor income



**\$1.5
BILLION**

in forest products exports



#**1**

**HARVESTED
CROP**
totaling \$759 million



**90,320
JOBS**

in the forestry industry



#**1**

**EXPORT
COMMODITY**
from the Port of Charleston



FOREST INDUSTRY HIGHLIGHTS

20x15 Project Vision In Sight

Grow from \$17.4 billion to \$20 billion
in economic impact by 2015



FOREST INDUSTRY HIGHLIGHTS

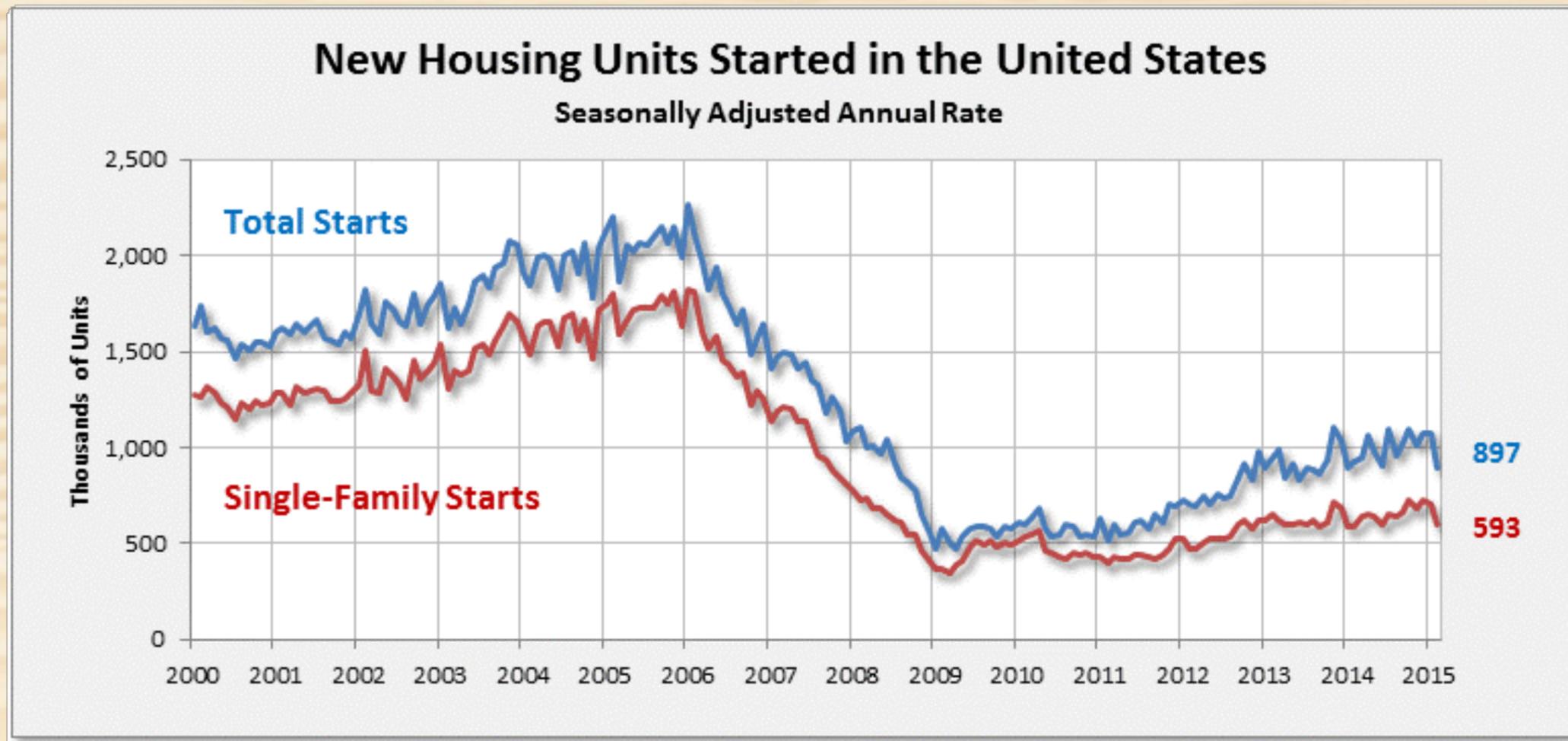
Economic Relationships

- \$18.6 billion and 90,320 jobs from about 25.6 million tons of wood
- **One ton = \$725 economic impact**
- 284 tons = one job
- **11.4 log trucks = one job**



FOREST INDUSTRY HIGHLIGHTS

Housing Starts Recovering But Very Slowly



FORESTRY FUTURES

What is our vision?

- Continue 20x15 Project with a marketing initiative, state and federal policy influence, planting more trees, and improving tree genetics, forest protection capacity and infrastructure.
- Create a **SC Forestry Futures Project** that supports continued forest industry growth and working forest retention through a partnership between the Governor, General Assembly, forestry community and stakeholders.



FORESTRY FUTURES

A vision, a plan and action will help ensure a bright future for SC forestry

- Retain and grow primary industry through:
 - Industry recruitment into low wood demand regions.
 - Growing more timber through landowner outreach, planting, genetics, and silviculture.
 - Addressing small pine timber scarcity issue.
- Increase secondary manufacturing:
 - Study the sector, identify opportunities and recruit targets, e.g. Get the first producer of Cross Laminated Timber from Southern Yellow Pine in SC.
- Improve public perception and understanding of forestry as an “Ideal Industry.”
- Increase exports through active marketing.



A photograph of a forest. The foreground is filled with a dense field of young, vibrant green pine trees. In the background, a taller forest of mature trees is visible, with some trees showing autumn-colored foliage in shades of orange and brown. The overall scene is bright and lush.

SOUTH CAROLINA'S FORESTRY FUTURE:
BRIGHTER THAN EVER!