



Utilization and Marking Analysis: Study of SYP Standing Volumes and Acreage



Dry Branch, GA
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Georgia Forestry
Commission
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www.GaTrees.org



Cities and States within the 60 Mile Radius of study

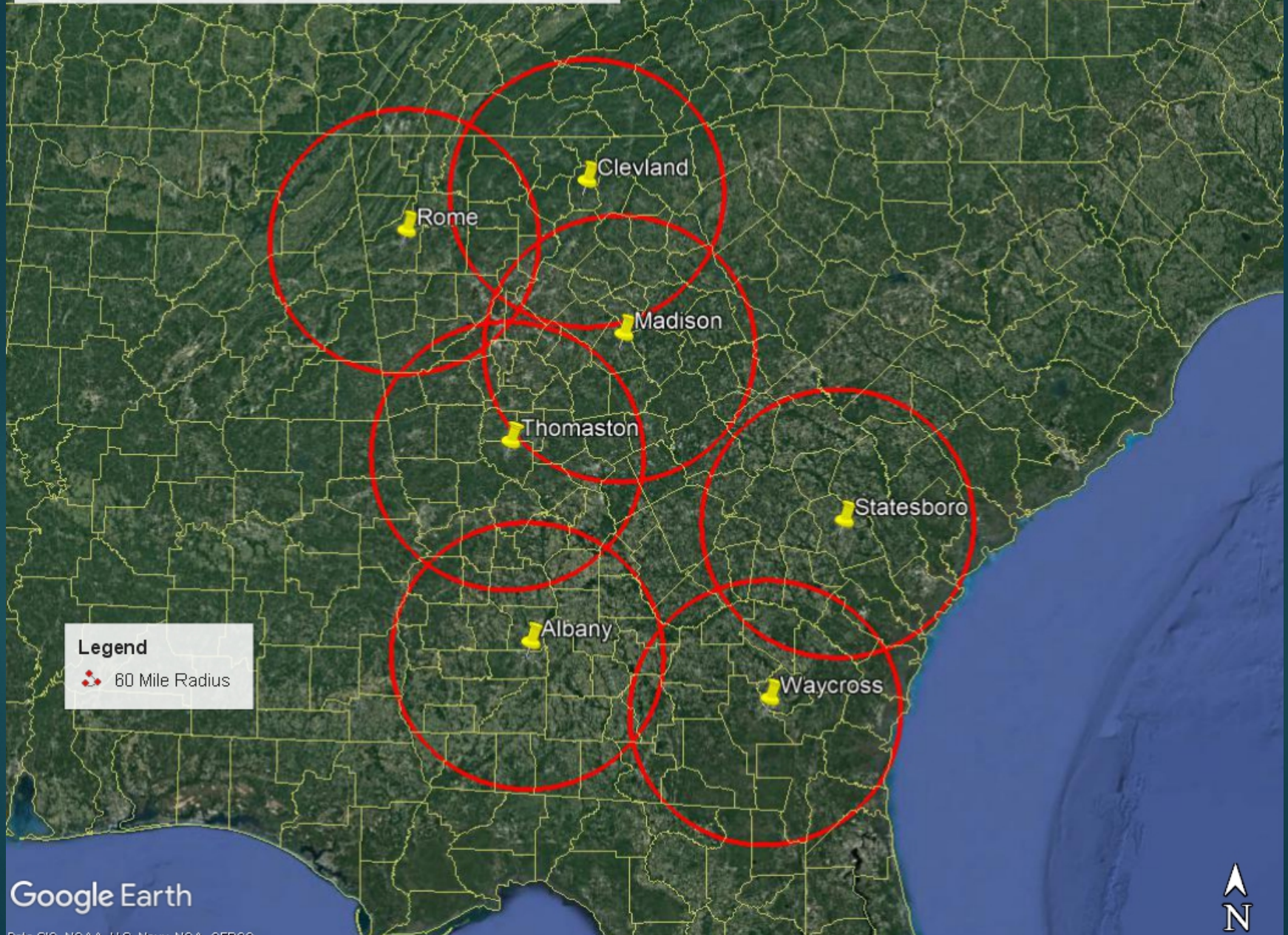
Cities

- Albany
- Rome
- Madison
- Thomaston
- Cleveland
- Waycross
- Statesboro


States

- Alabama
- Florida
- Georgia
- North Carolina
- South Carolina
- Tennessee

Pine Sawtimber Acreage & Volume Study



Legend

 60 Mile Radius

Google Earth

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat / Copernicus

200 mi





How the study was designed

- The cities were chosen to capture the as much data from across the state.
- A 60 mile radius was chosen.
- All cities chosen have a softwood mill operating locally.
- The pine acreage and volumes in this report are from non-federal sources. Harvests on federally owned timberland are inundated with legal issues making availability neither consistent nor reliable. For this reason, federal timberland and volumes are excluded from this report.



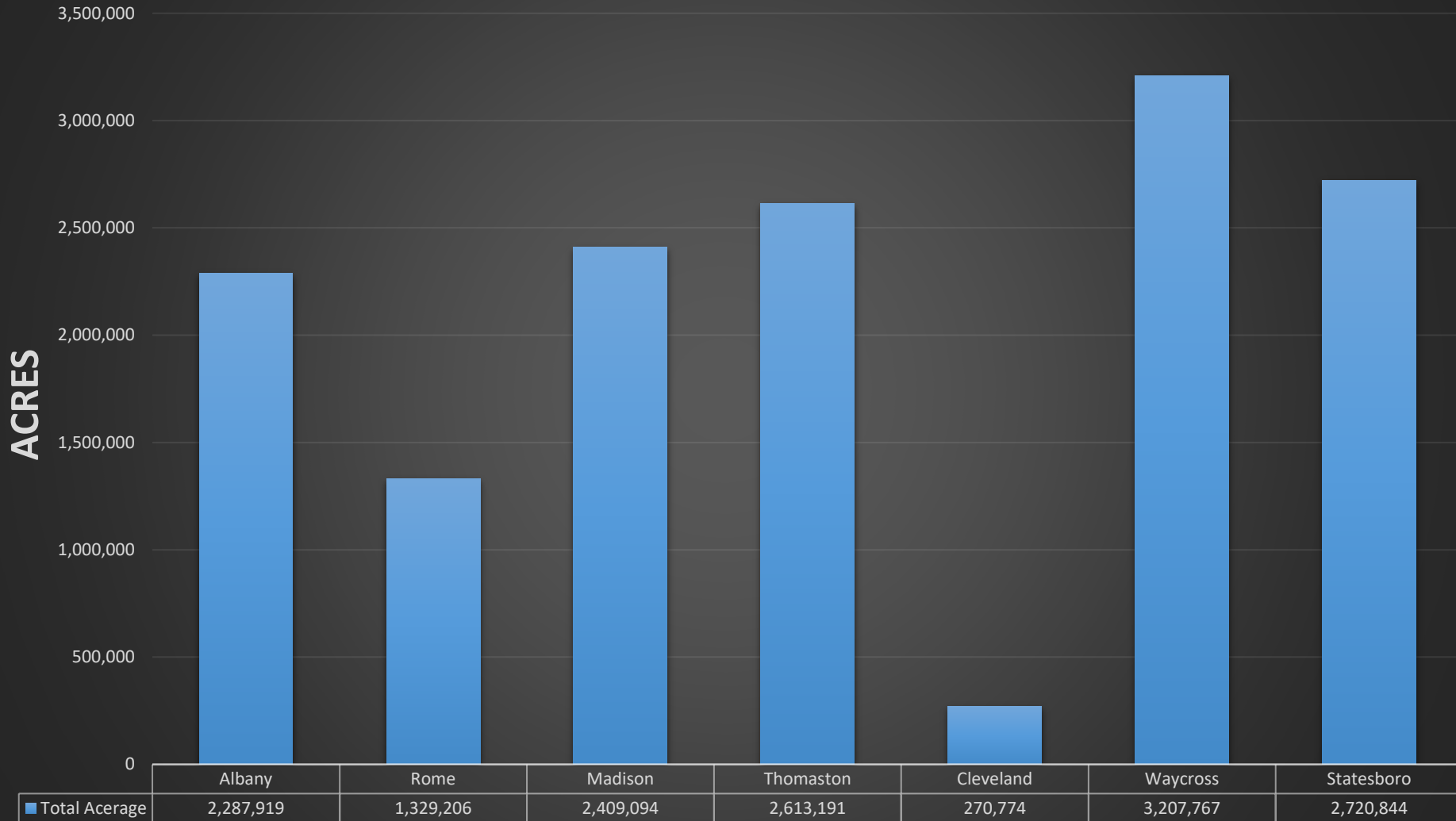
Georgia's Forests – Timberland Definition

Timberland: Forest land that is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. (Note: Areas qualifying as timberland are capable of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.)

Source: US Forest Service Forest Inventory and Analysis Glossary



Total Acreage of Pine Timberland

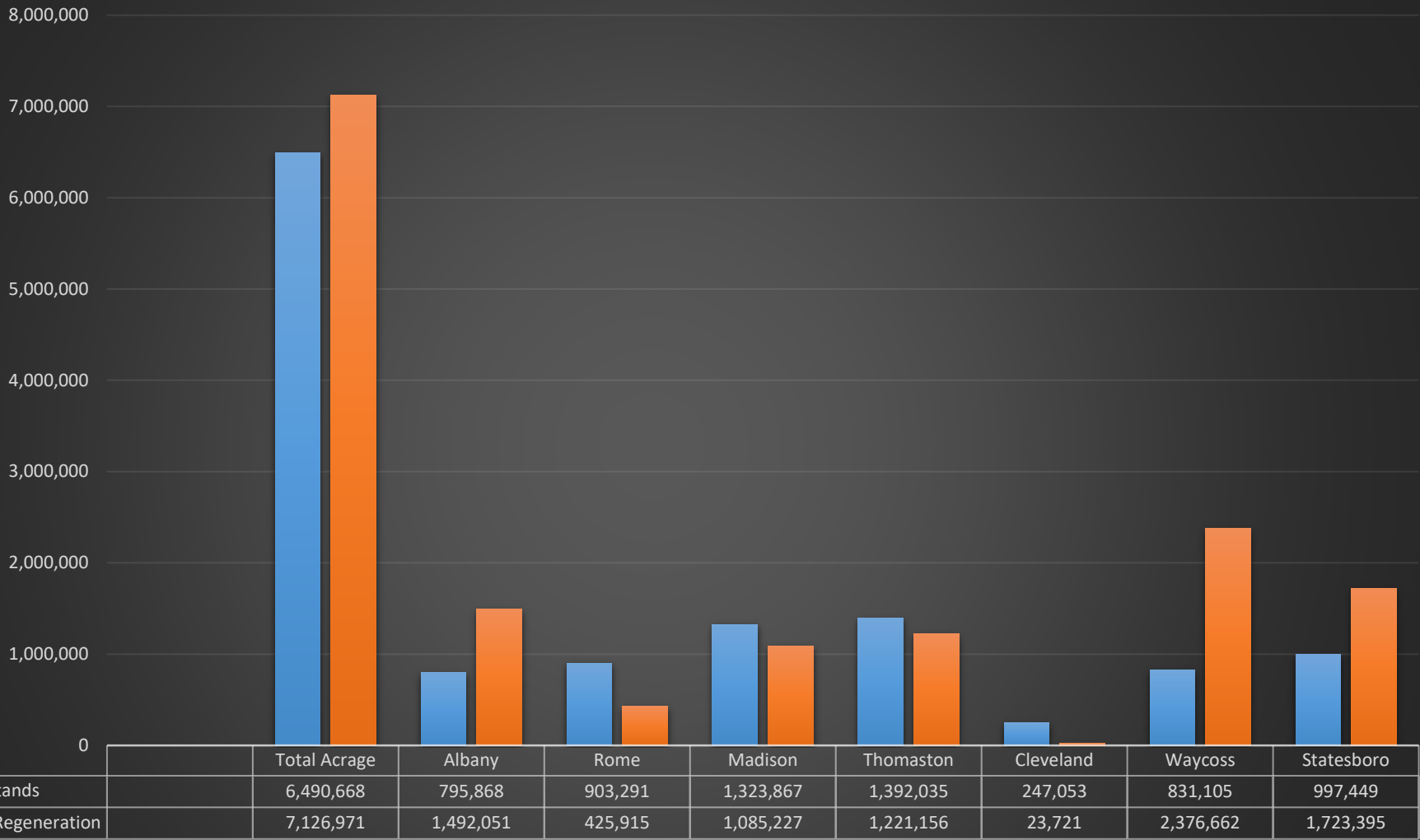


Source: US Forest Service FIA Data GA 2017, AL 2018, SC 2018, TN 2016, NC 2018, FL 2016



Acreeage of Natural vs. Artificial Regeneration Stands

ACRES

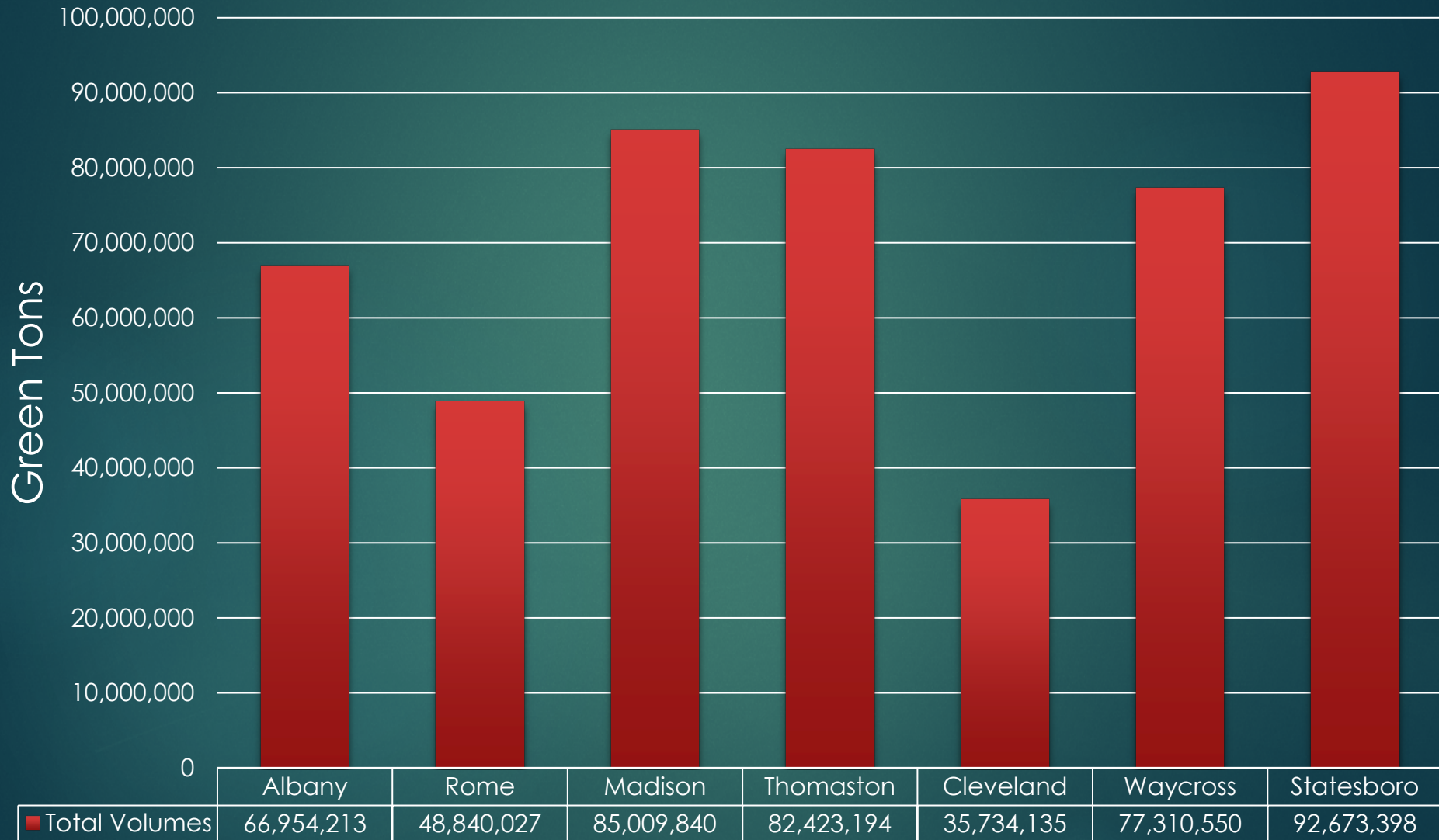


■ Natural Stands ■ Artificial Regeneration

Source: US Forest Service FIA Data GA 2017, AL 2018, SC 2018, TN 2016, NC 2018, FL 2016



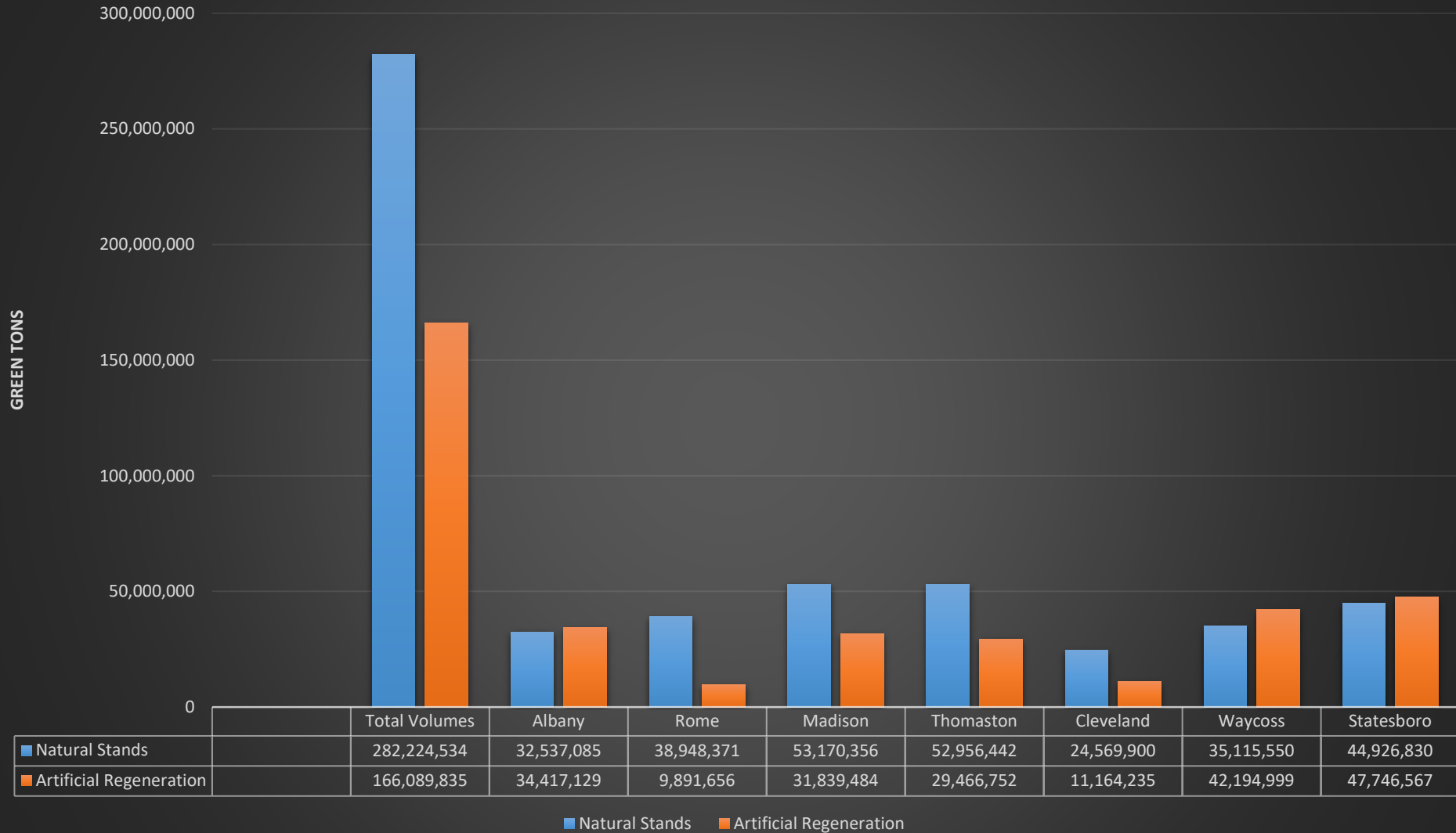
Total Volumes of Pine Timberland of Study Areas.



Source: US Forest Service FIA Data GA 2017, AL 2018, SC 2018, TN 2016, NC 2018, FL 2016



Volume of Natural vs. Artificial Regeneration Stands

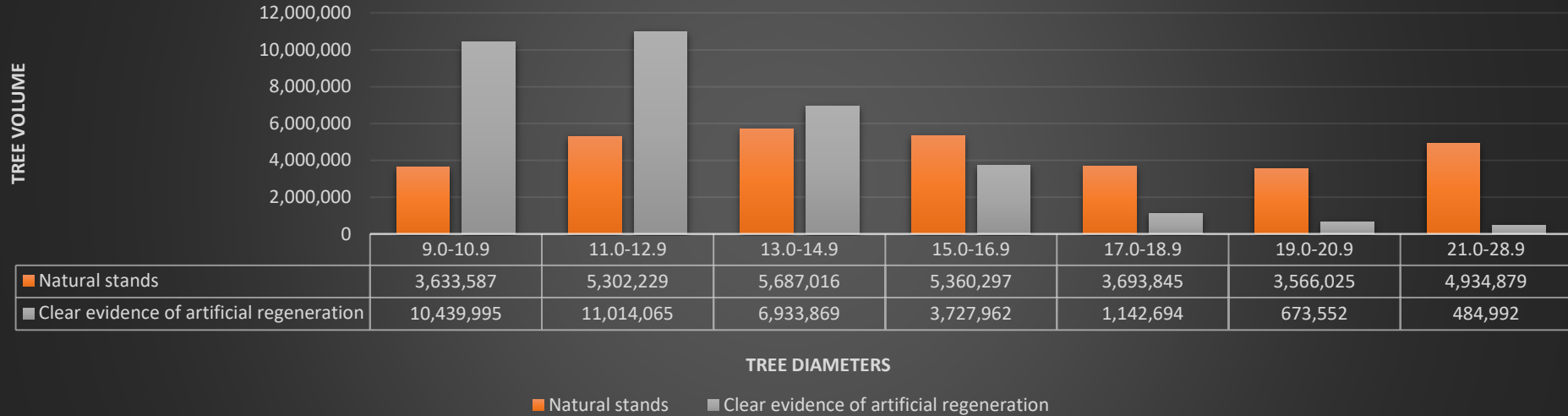


Source: US Forest Service FIA Data GA 2017, AL 2018, SC 2018, TN 2016, NC 2018, FL 2016

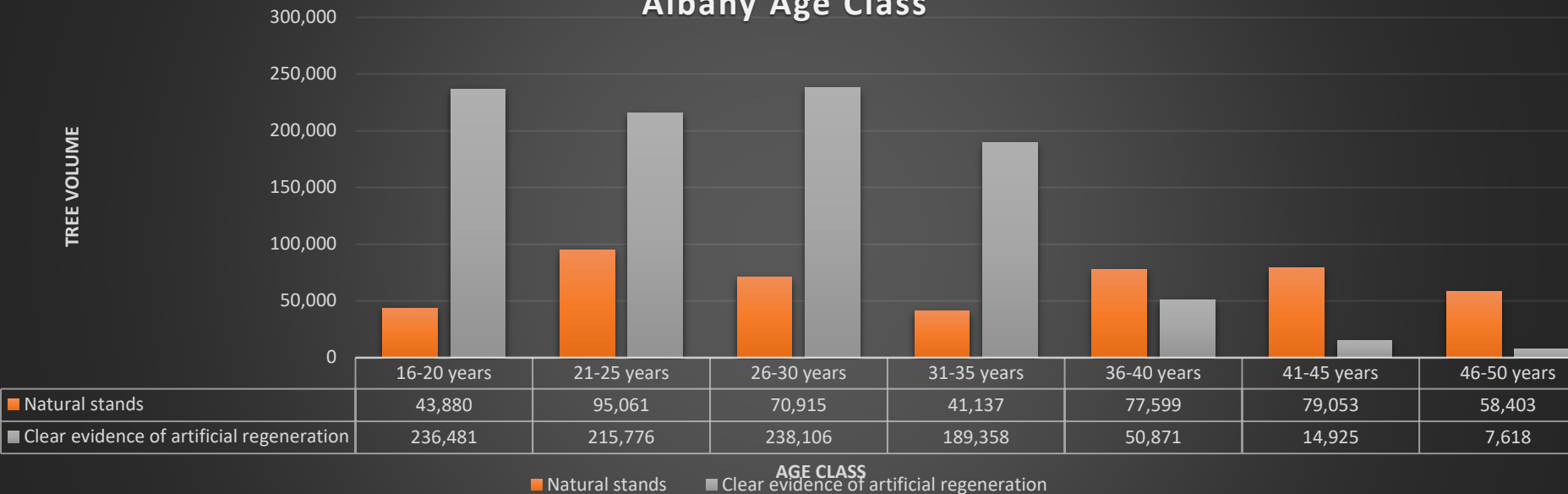


Tree Diameter Vs. Age Class - Albany

Tree Diameters - Albany



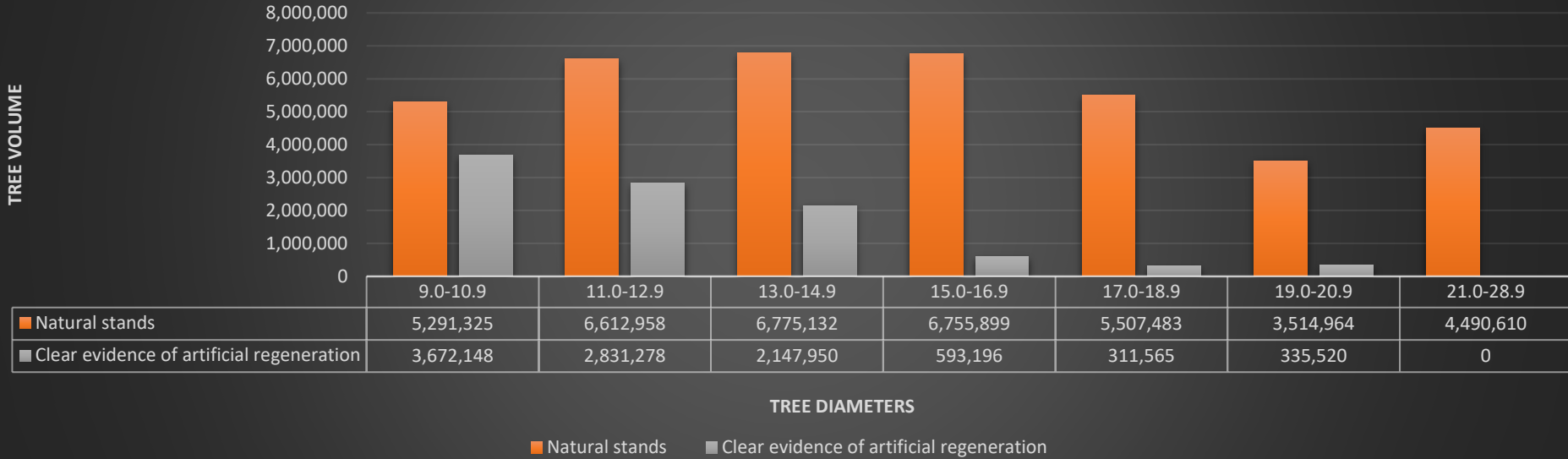
Albany Age Class



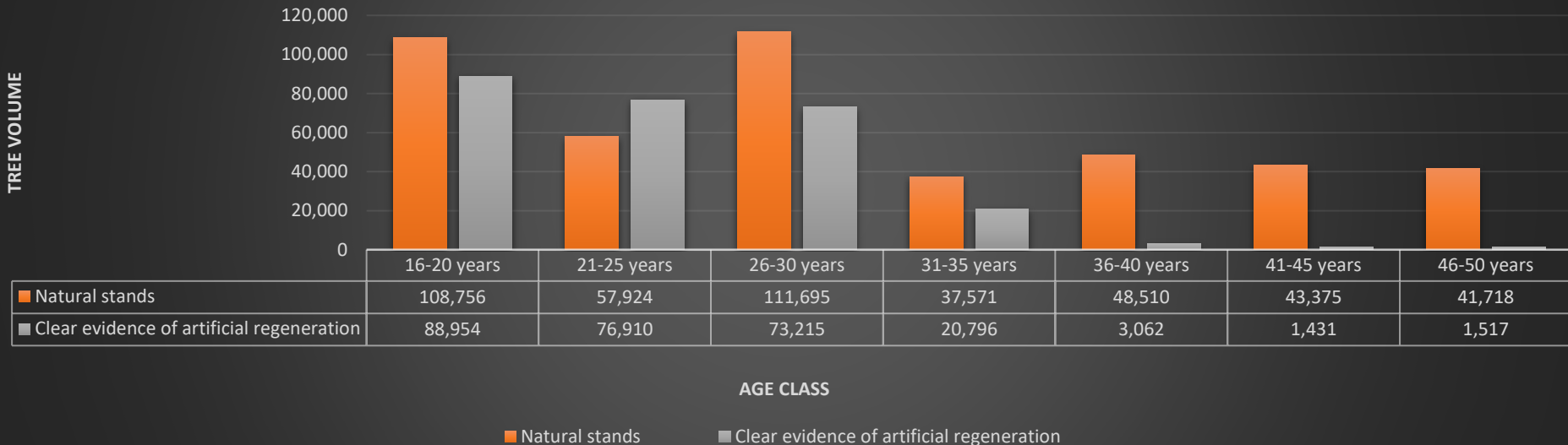


Tree Diameter Vs. Age Class - Rome

Tree Diameters - Rome



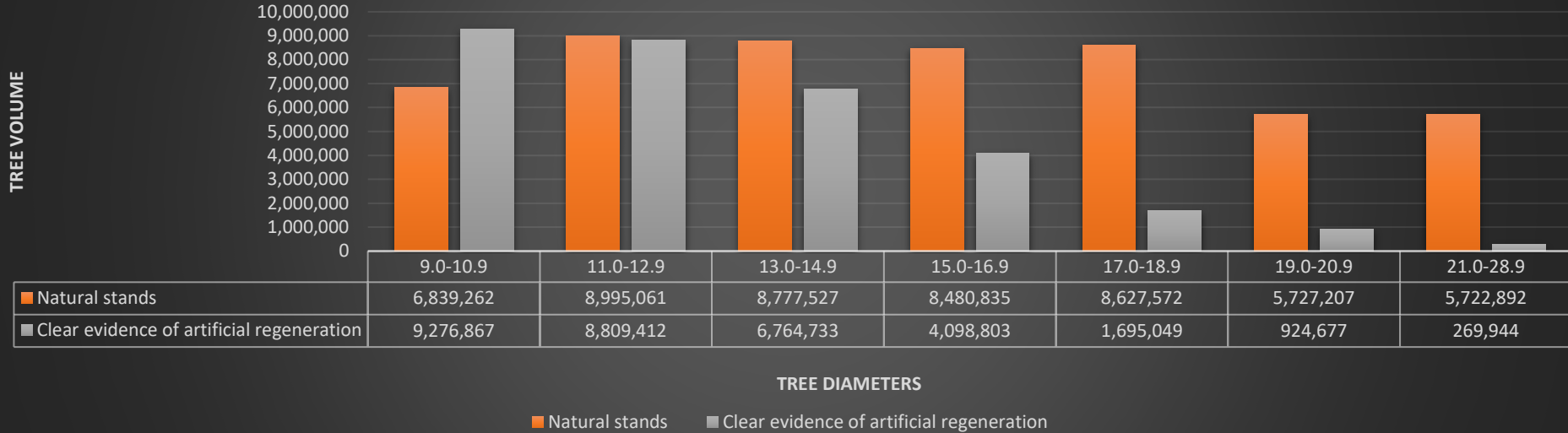
Rome Age Class



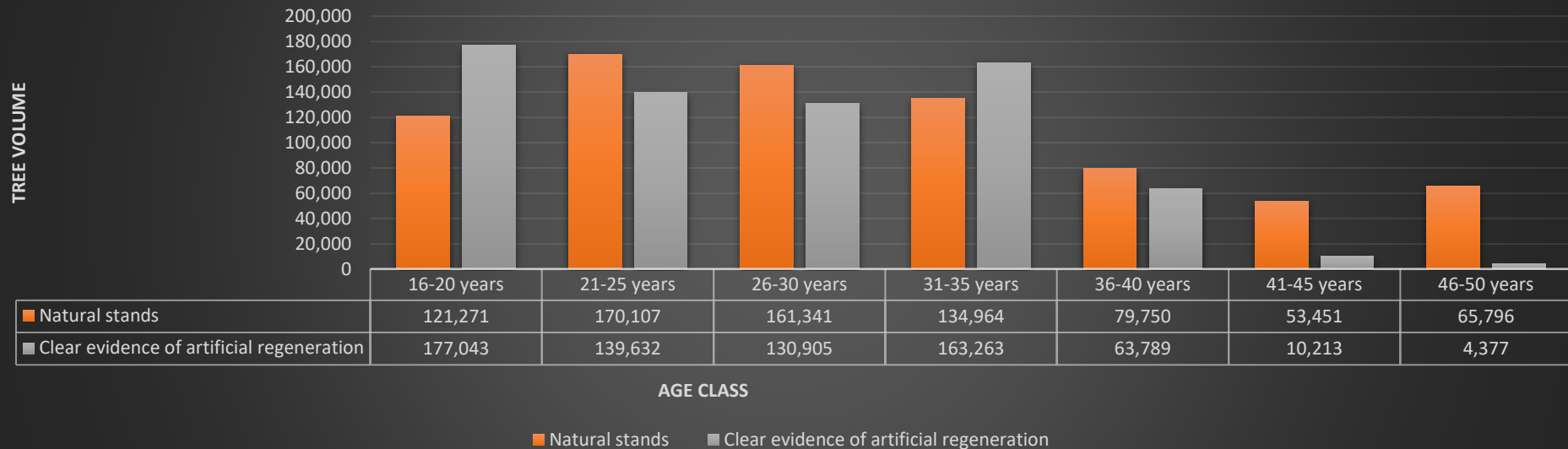


Tree Diameter Vs. Age Class - Madison

Tree Diameters - Madison



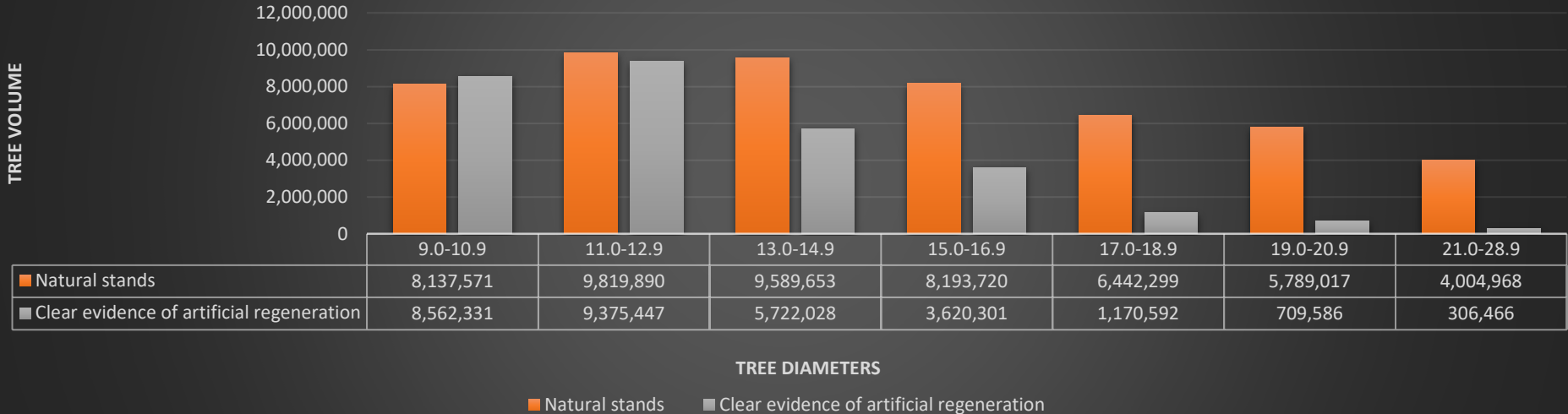
Madison Age Class



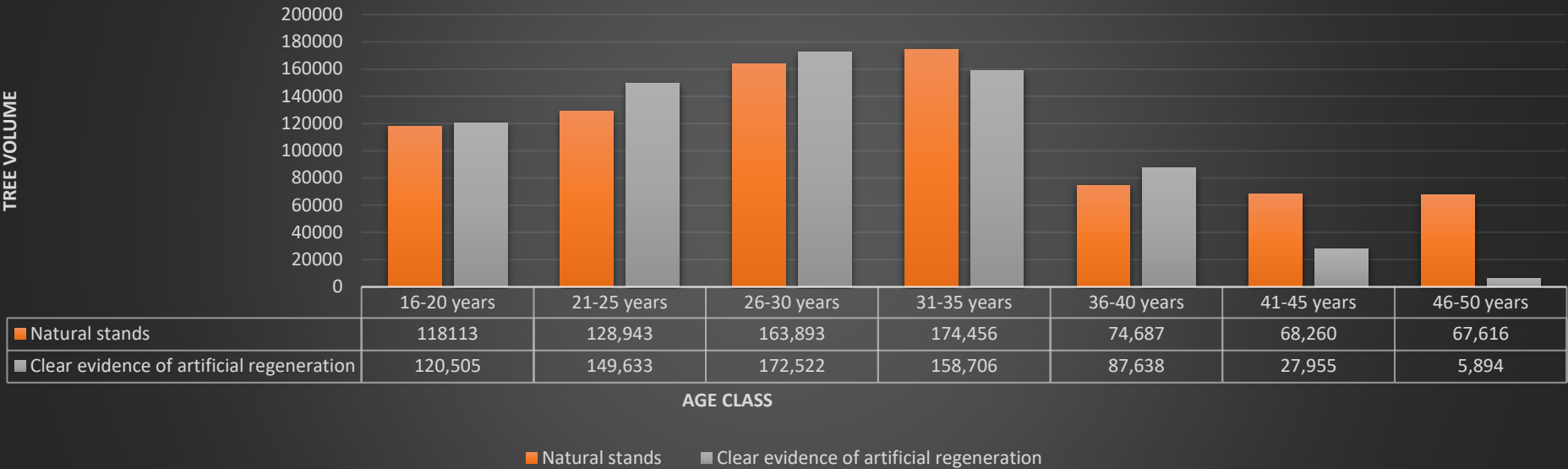


Tree Diameter Vs. Age Class - Thomaston

Tree Diameter - Thomaston



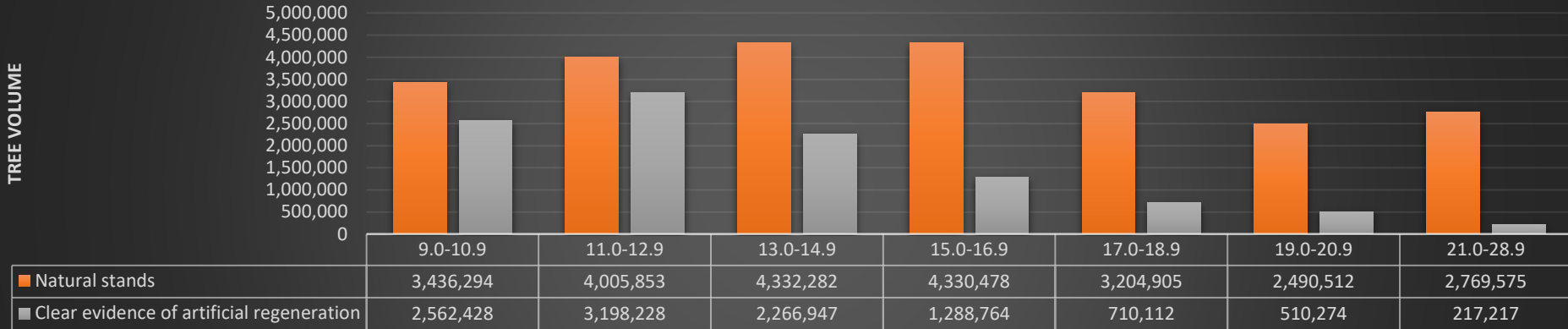
Thomaston Age Class





Tree Diameter Vs. Age Class - Cleveland

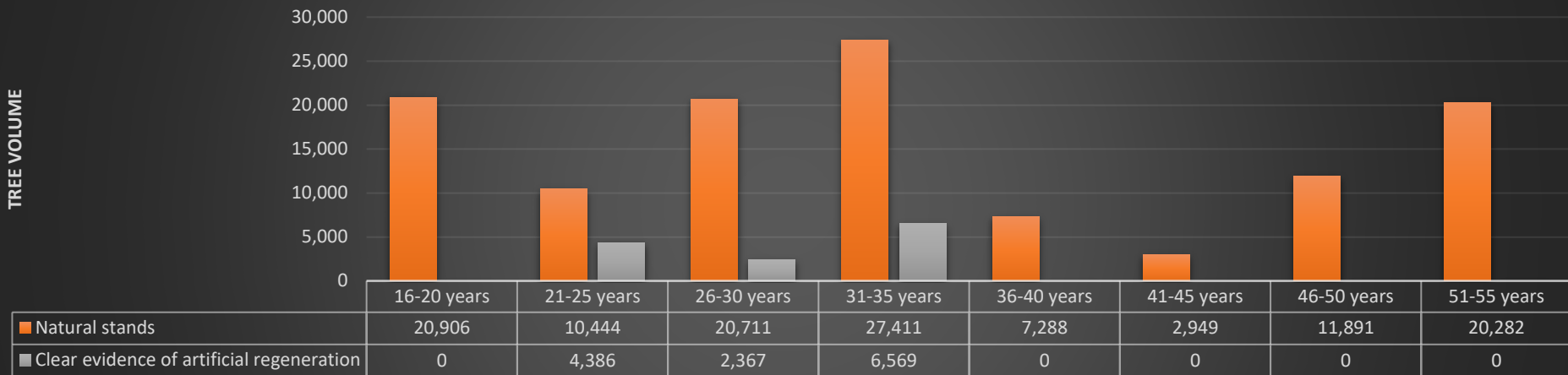
Tree Diameters - Cleveland



TREE DIAMETERS

■ Natural stands
 ■ Clear evidence of artificial regeneration

Cleveland Age Class



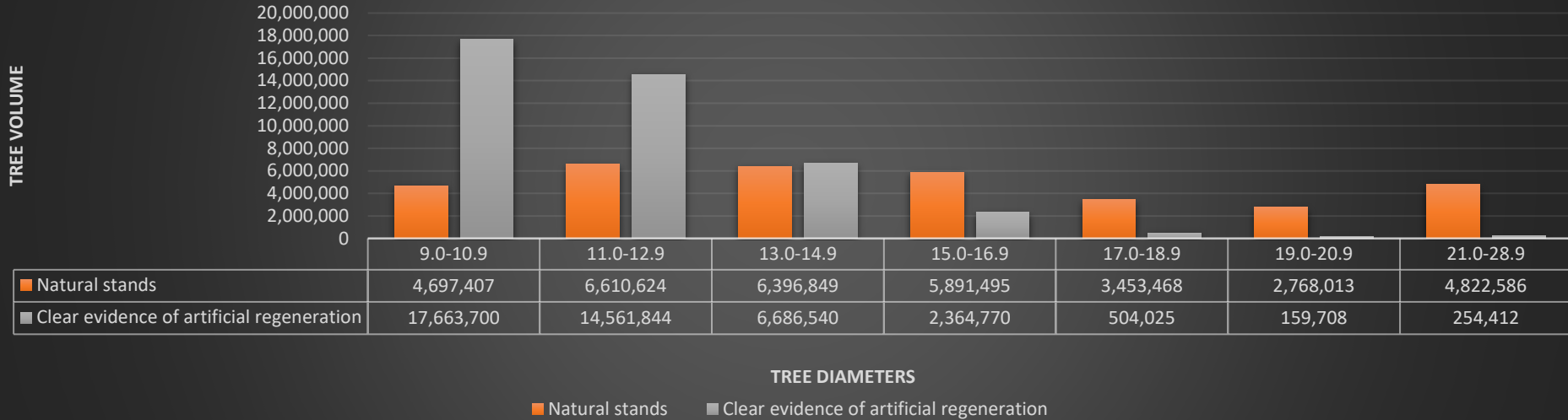
AGE CLASS

■ Natural stands
 ■ Clear evidence of artificial regeneration

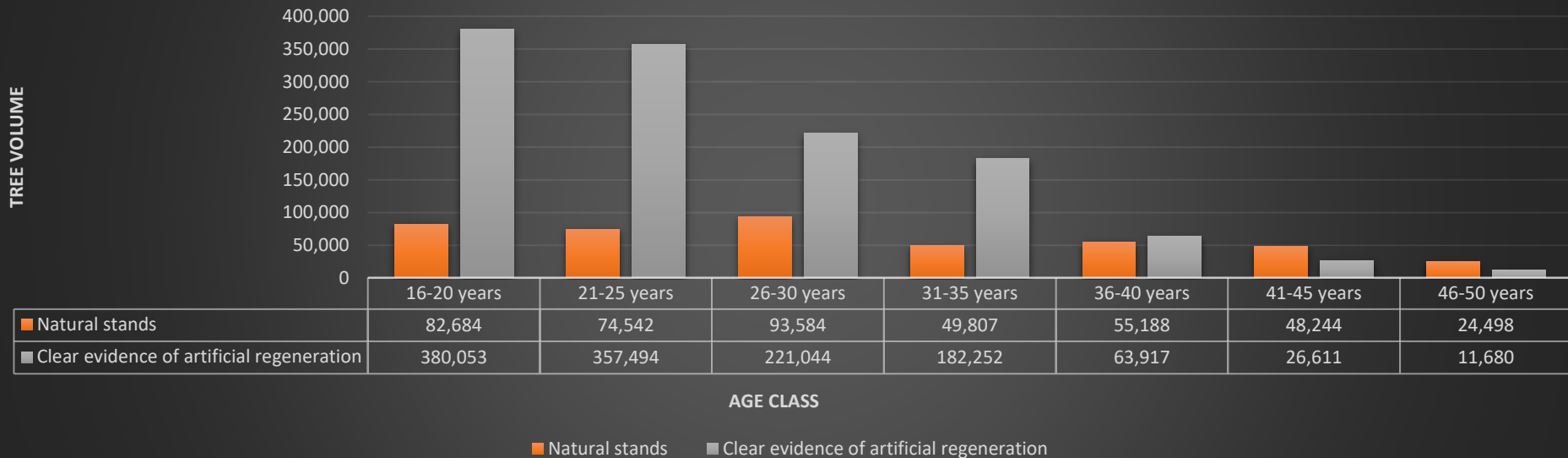


Tree Diameter Vs. Age Class - Waycross

Tree Diameter - Waycross



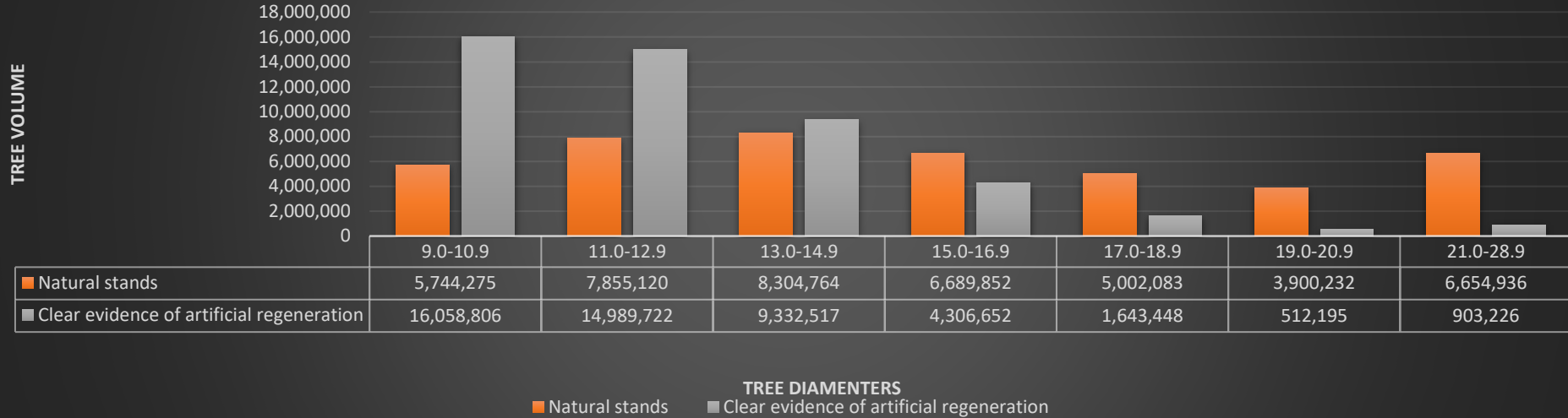
Waycross Age Class



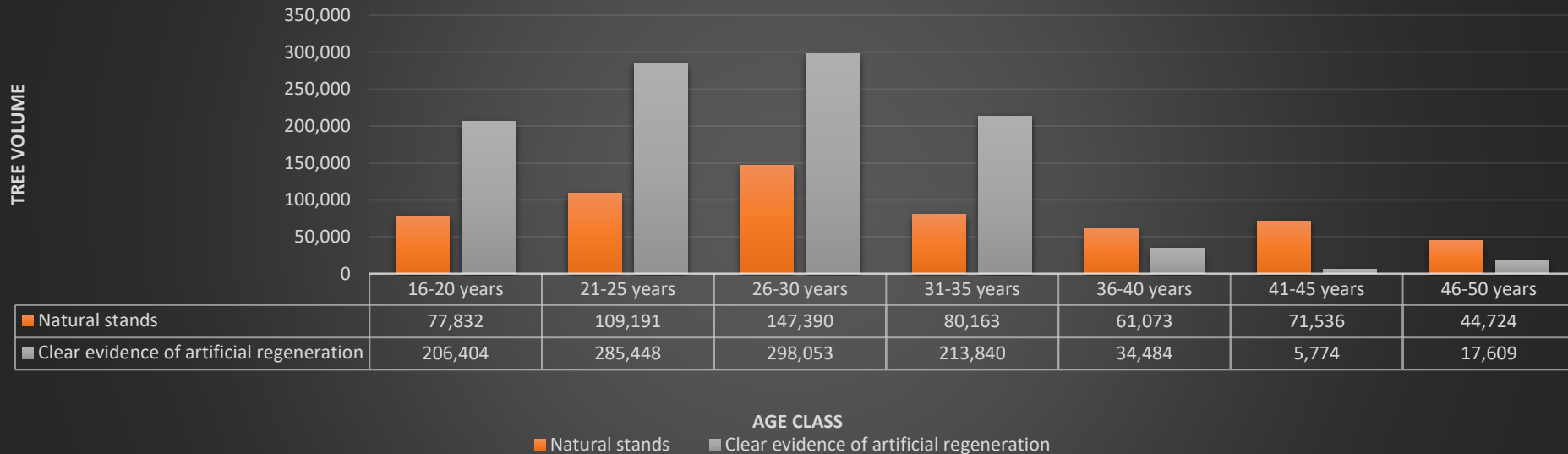


Tree Diameter Vs. Age Class - Statesboro

Tree Diameter - Statesboro



Statesboro Age Class





Findings

- Waycross has the most and Cleveland has the least pine timberland acreage.
- Statesboro has the highest total volumes of pine timberlands.
- The southeastern part of Georgia (Waycross & Statesboro) has the most acreage of artificially regenerated pine stands.
- Middle Georgia (Madison & Thomaston) has the largest volumes of natural pine stands.



Thank You

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