

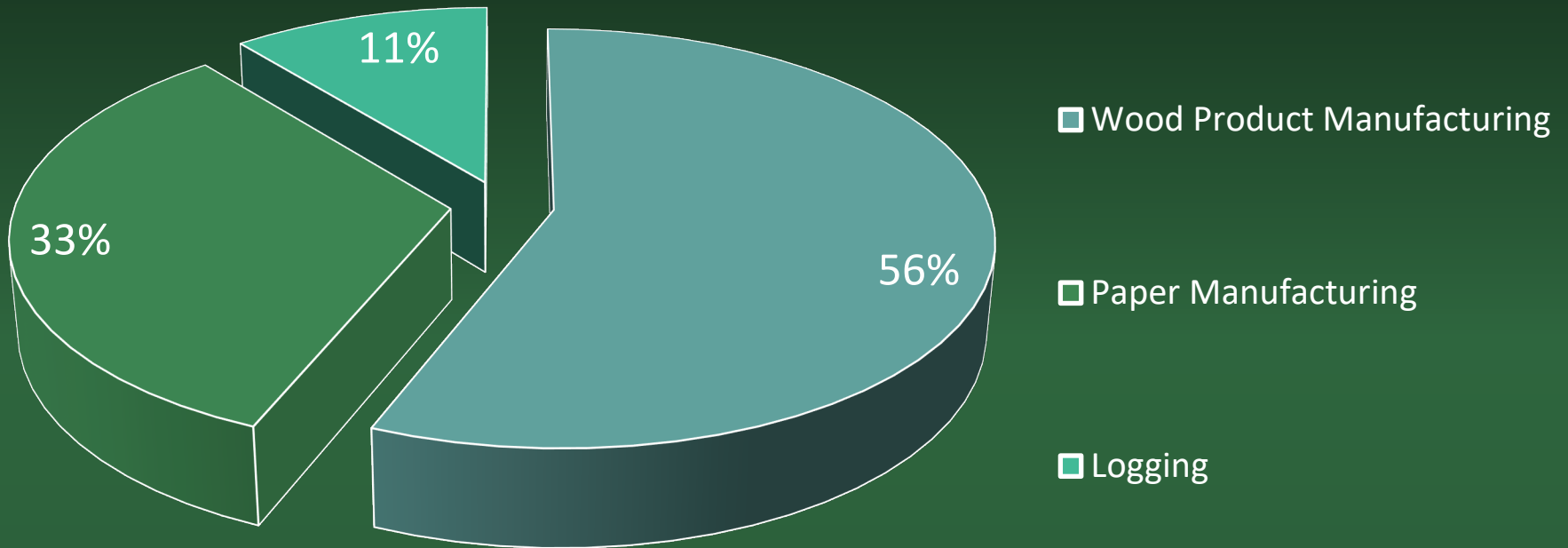


Alabama
Department
of Labor

Accelerate Alabama Forestry Products

Alabama Department of Labor
Labor Market Information Division

Alabama Forestry Products Employment by Industry Sectors



Alabama Forestry Products Industry Overview

Sector	# of Companies	# Employed
Wood Product Manufacturing	409	18,939
Paper Manufacturing	100	11,079
Logging	542	3,684

Wood Product Manufacturing

321 Wood Product Manufacturing

Industries in the Wood Product Manufacturing subsector manufacture wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, manufactured homes (i.e., mobile homes), and prefabricated wood buildings. The production processes of the Wood Product Manufacturing subsector include sawing, planing, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that then may be further cut, or shaped by lathes or other shaping tools. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers. The Wood Product Manufacturing subsector includes establishments that make wood products from logs and bolts that are sawed and shaped, and establishments that purchase sawed lumber and make wood products. With the exception of sawmills and wood preservation establishments, the establishments are grouped into industries mainly based on the specific products manufactured.

409 companies; 18,939 employed;
56% of Forestry Products
Industry Employment

# of Employees	% of Companies
1-49	74%
50-99	11%
100-249	11%
250+	4%

Source: Quarterly Census of Employment and Wages, 2021 annual average. *Note: Numbers may not equal 100% due to rounding.*

Top 5 Job Categories:

- 20% Miscellaneous Assemblers and Fabricators
- 11% Sawing Machine Setters, Operators, and Tenders, Wood
- 8% Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- 6% Laborers and Freight, Stock, and Material Movers, Hand
- 5% Industrial Truck and Tractor Operators

Source: 2021 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics.

Wood Product Manufacturing Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	316	\$4,603	\$3,854	13.4%
2 – 3 Years	1,086	\$3,846	\$3,089	14.0%
4 – 5 Years	366	\$3,661	\$2,996	16.1%
6 – 10 Years	425	\$3,551	\$2,776	10.7%
11+ Years	14,303	\$5,033	\$3,544	8.5%
All Firm Ages	16,495	\$4,877	\$3,464	9.1%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2021 annual average data shown. **Data not available or marked confidential. Note: Data may not add due to rounding.*

Paper Manufacturing

322 Paper Manufacturing

Industries in the Paper Manufacturing subsector make pulp, paper, or converted paper products. The manufacturing of these products is grouped together because they constitute a series of vertically connected processes. More than one is often carried out in a single establishment. There are essentially three activities. The manufacturing of pulp involves separating the cellulose fibers from other impurities in wood or used paper. The manufacturing of paper involves matting these fibers into a sheet. Converted paper products are made from paper and other materials by various cutting and shaping techniques and includes coating and laminating activities.

100 companies; 11,079 employed;
33% of Forestry Products
Industry Employment

# of Employees	% of Companies
1-49	58%
50-99	16%
100-249	10%
250+	16%

Source: Quarterly Census of Employment and Wages, 2021 annual average. *Note: Numbers may not equal 100% due to rounding.*

Top 5 Job Categories:

- 31% Paper Goods Machine Setters, Operators, and Tenders
- 8% Industrial Machinery Mechanics
- 4% Laborers and Freight, Stock, and Material Movers, Hand
- 4% Supervisors of Production and Operating Workers
- 3% Electrical and Electronics Repairers, Commercial and Industrial Equipment

Source: 2021 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics.

Paper Manufacturing

Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	*	\$3,985	*	*
2 – 3 Years	41	\$2,971	\$2,532	18.6%
4 – 5 Years	106	\$4,838	\$3,703	7.4%
6 – 10 Years	*	\$6,582	\$4,906	*
11+ Years	10,469	\$7,490	\$5,088	3.8%
All Firm Ages	10,642	\$7,437	\$4,999	3.9%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2021 annual average data shown. **Data not available or marked confidential. Note: Data may not add due to rounding.*

Logging

1133 Logging

This industry comprises establishments primarily engaged in one or more of the following: (1) cutting timber; (2) cutting and transporting timber; and (3) producing wood chips in the field.

542 companies; 3,684 employed;
11% of Forestry Products
Industry Employment

# of Employees	% of Companies
1-49	99%
50-99	1%
100-249	0%
250+	0%

Top 5 Job Categories:

- 47% Logging Equipment Operators
- 25% Heavy and Tractor-Trailer Truck Drivers
- 3% Foresters
- 3% Supervisors of Farming, Fishing, and Forestry Workers
- 3% Mobile Heavy Equipment Mechanics, Except Engines

Source: Quarterly Census of Employment and Wages, 2021 annual average. *Note: Numbers may not equal 100% due to rounding.*

Source: 2021 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics.

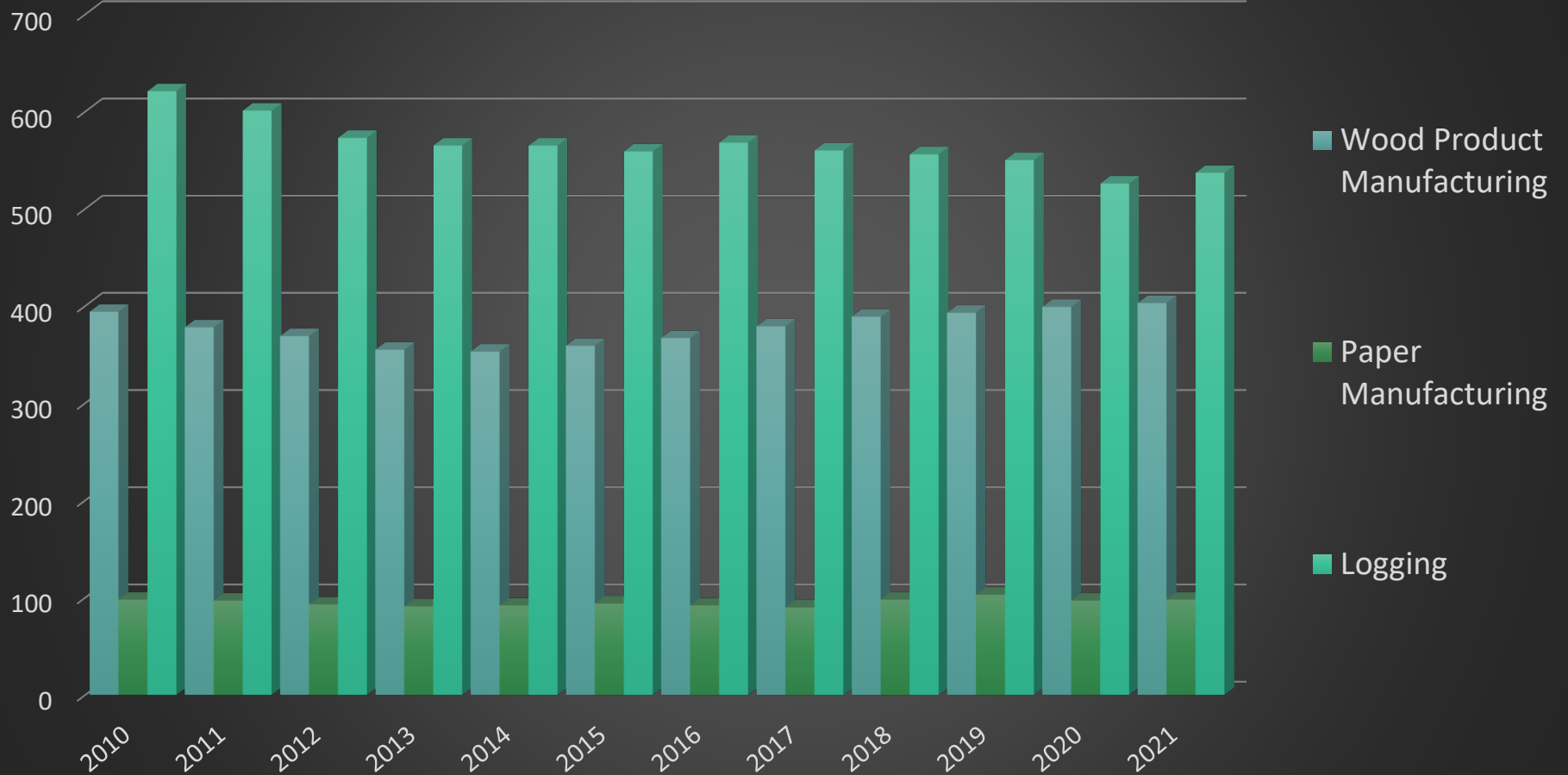
Logging

Firm Age Workforce Indicators

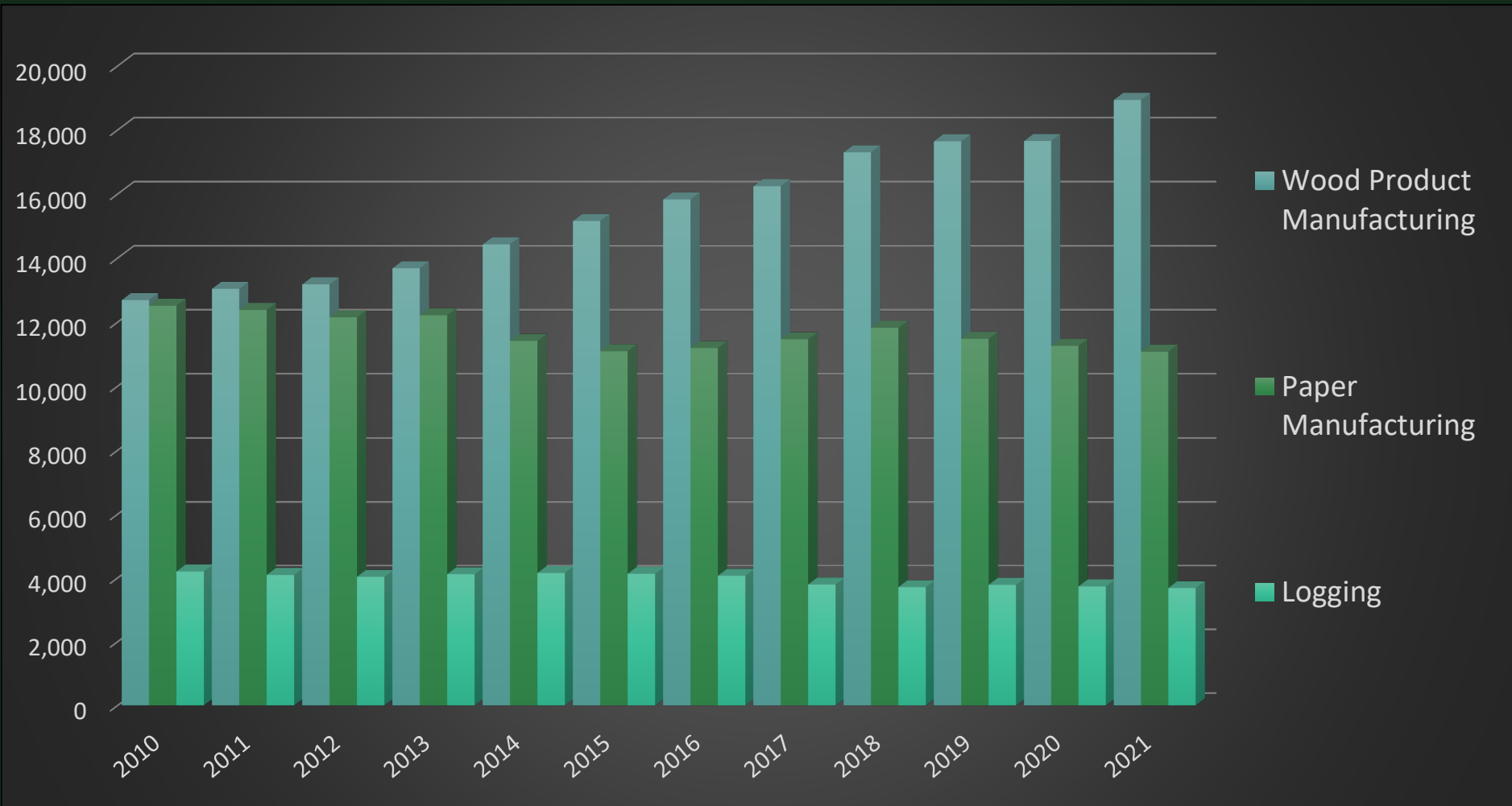
Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	118	\$4,174	\$4,131	19.4%
2 – 3 Years	177	\$4,093	\$3,926	12.7%
4 – 5 Years	105	\$3,644	\$3,495	14.8%
6 – 10 Years	368	\$4,046	\$3,802	9.2%
11+ Years	2,508	\$4,301	\$3,469	7.5%
All Firm Ages	3,275	\$4,238	\$3,629	8.6%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2021 annual average data shown. **Data not available or marked confidential. Note: Data may not add due to rounding.*

Development of Alabama's Forestry Products Industry by Company



Development of Alabama's Forestry Products Industry by Employment



Source: Alabama Department of Labor, Quarterly Census of Employment and Wages.

Cluster Change Since 2010

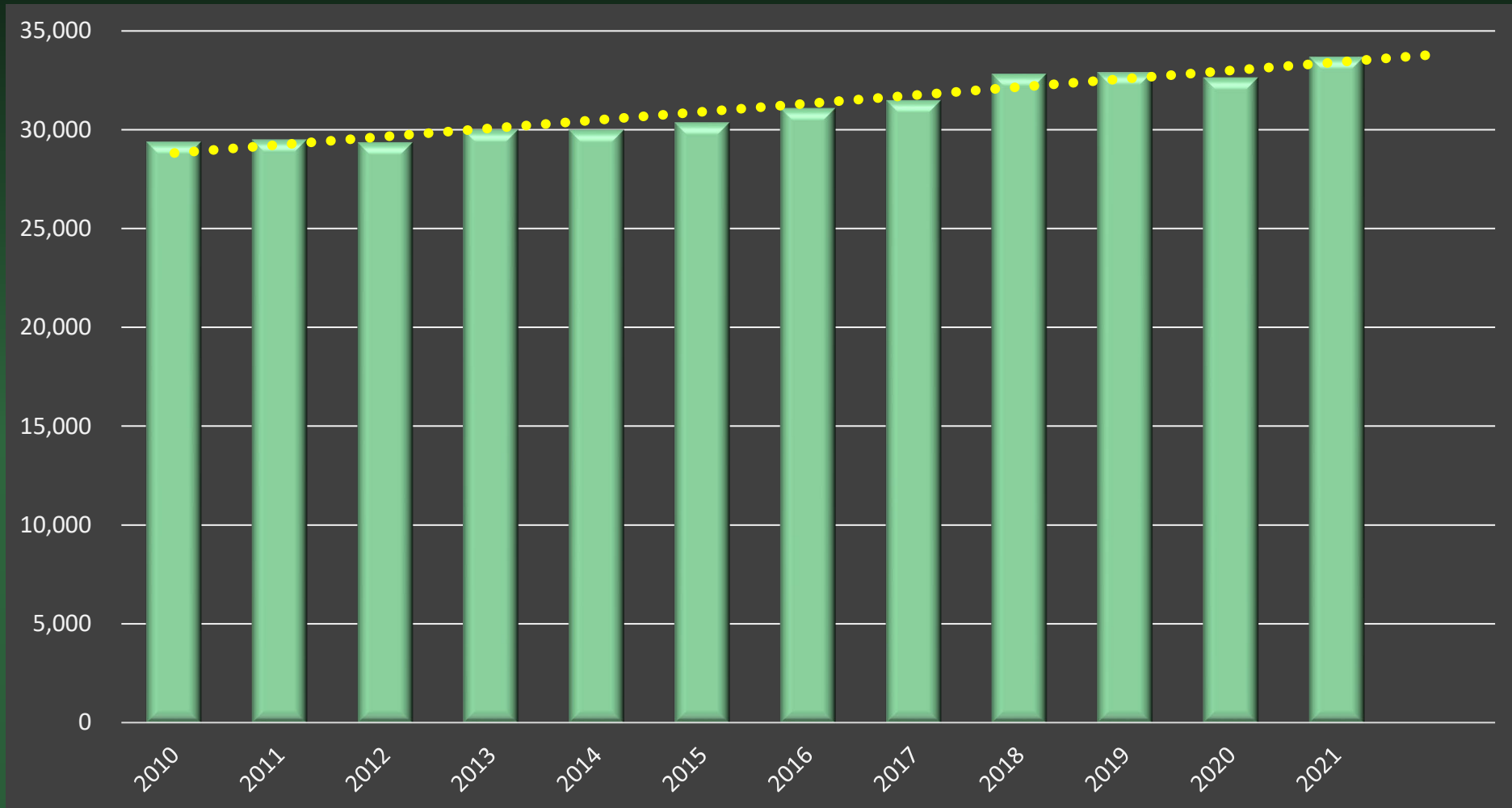
Total Establishment



Source: Alabama Department of Labor, Quarterly Census of Employment and Wages.

Cluster Change Since 2010

Total Employment



Source: Alabama Department of Labor, Quarterly Census of Employment and Wages.

Top Occupations for Forestry Products by Rounded Employment

Occupations	# of Jobs	% of Total
Miscellaneous Assemblers and Fabricators	3,700	11.2%
Paper Goods Machine Setters, Operators, and Tenders	3,450	10.4%
Logging Equipment Operators	2,200	6.6%
Sawing Machine Setters, Operators, and Tenders, Wood	2,020	6.1%
Laborers and Freight, Stock, and Material Movers, Hand	1,570	4.7%
Industrial Machinery Mechanics	1,510	4.6%
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,460	4.4%
Heavy and Tractor-Trailer Truck Drivers	1,390	4.2%
Industrial Truck and Tractor Operators	1,280	3.9%
Remaining Occupations	14,610	44.0%

Source: Alabama Department of Labor, Labor Market Information Division in cooperation with the Projections Managing Partnership program and U.S. Bureau of Labor Statistics. Employment rounded to the nearest 10.

Wage Information

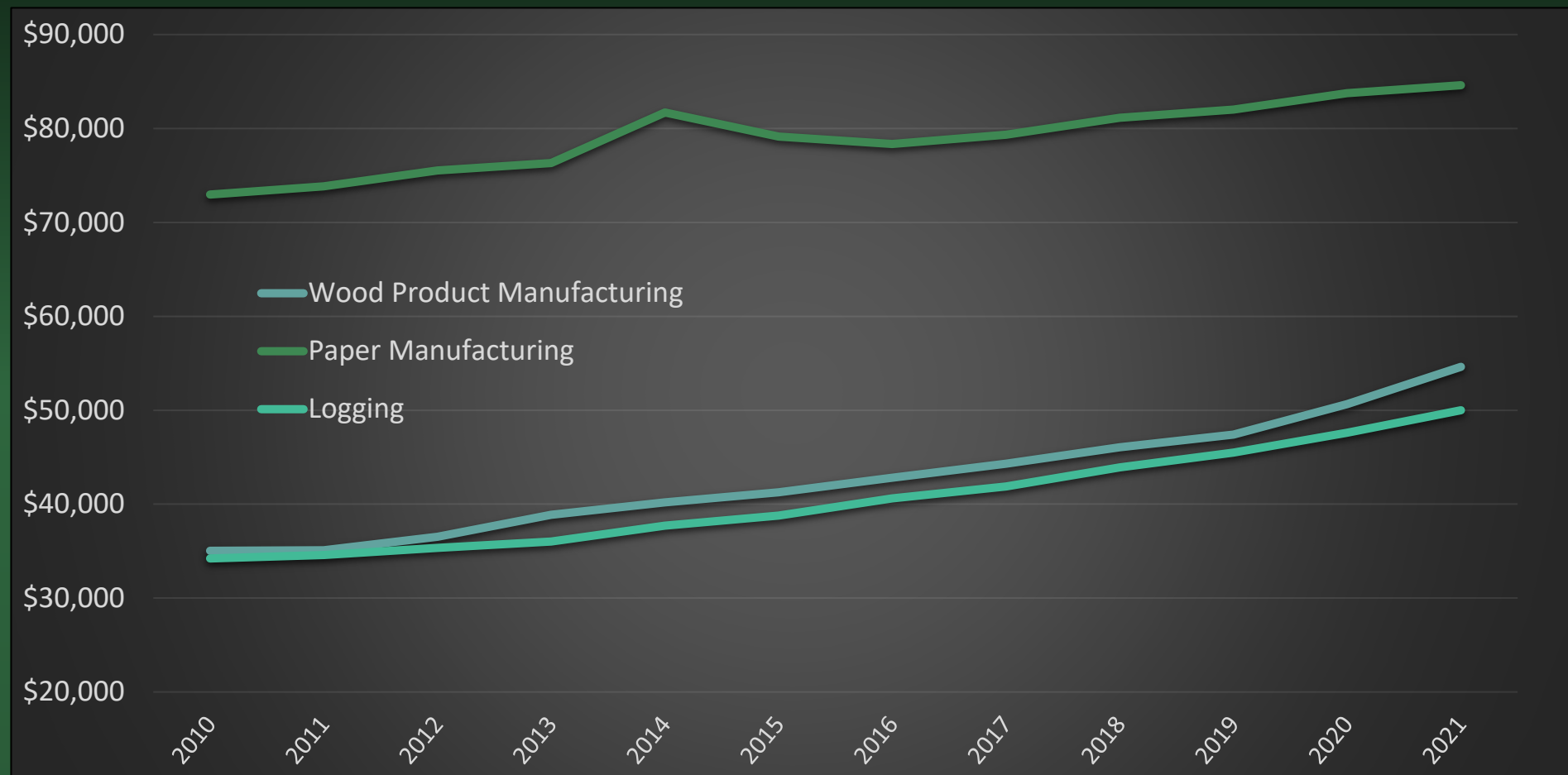
Top 10 by Rounded Occupational Employment

Occupation	Rounded Emp.	Entry Hourly	Entry Annual	Median Hourly	Median Annual	Experienced Hourly	Experienced Annual
Miscellaneous Assemblers and Fabricators	3,700	\$11.34	\$23,580	\$15.74	\$32,737	\$19.77	\$41,127
Paper Goods Machine Setters, Operators, and Tenders	3,450	\$15.11	\$31,423	\$24.05	\$50,025	\$28.36	\$58,989
Logging Equipment Operators	2,200	\$12.61	\$26,237	\$17.46	\$36,324	\$20.76	\$43,183
Sawing Machine Setters, Operators, and Tenders, Wood	2,020	\$10.38	\$21,591	\$13.66	\$28,403	\$16.28	\$33,861
Laborers and Freight, Stock, and Material Movers, Hand	1,570	\$10.37	\$21,568	\$12.78	\$26,573	\$15.60	\$32,449
Industrial Machinery Mechanics	1,510	\$17.54	\$36,491	\$24.39	\$50,722	\$29.24	\$60,828
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,460	\$10.61	\$22,067	\$14.10	\$29,322	\$16.16	\$33,621
Heavy and Tractor-Trailer Truck Drivers	1,390	\$13.61	\$28,319	\$20.20	\$42,006	\$25.04	\$52,074
Industrial Truck and Tractor Operators	1,280	\$12.64	\$26,301	\$16.20	\$33,693	\$18.78	\$39,064
Supervisors of Production and Operating Workers	1,230	\$19.40	\$40,353	\$29.83	\$62,044	\$37.63	\$78,277

Source: 2021 release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics; wage data aged using the most current Employment Cost Index (ECI) factors. Annual wage information rounded to the nearest whole dollar. *Note: Data reflects wages across all industries, not specifically to respective industry cluster.* Entry and Experienced Wages equal 10th percentile and 90th percentile wages, respectively.

Wage Information

Total Wages by Industry



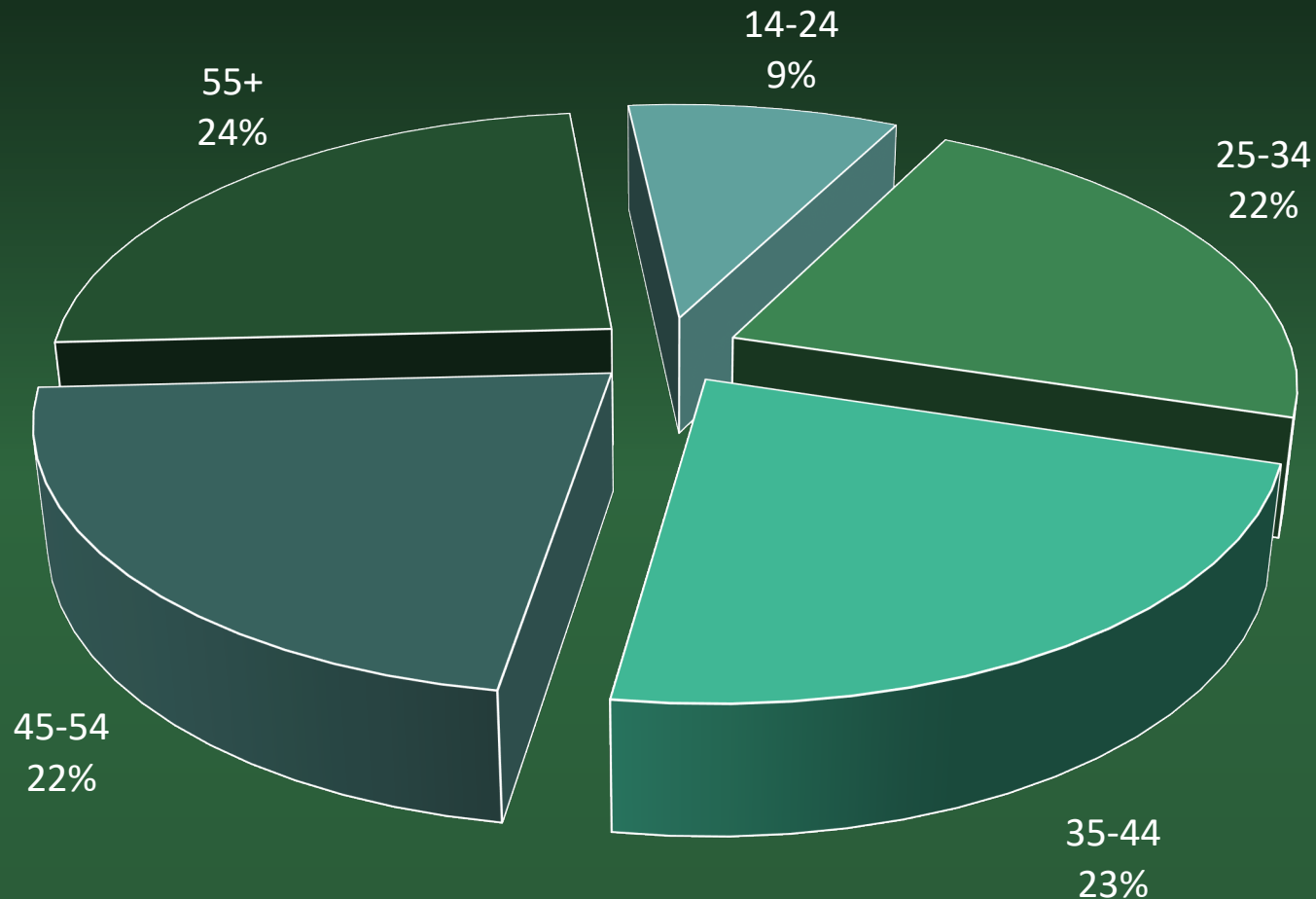
Source: Alabama Department of Labor, Quarterly Census of Employment and Wages

2021 Quarterly Workforce Indicators

NAICS	Industry	Average Turnover Rate	Average Job Gains	Average Net Job Flows	Average Monthly Earnings	Average Monthly Earnings – New Hires
321	Wood Product Manufacturing	9.1%	559	163	\$4,877	\$3,464
322	Paper Manufacturing	3.9%	84	-98	\$7,437	\$4,999
1133	Logging	8.6%	166	-31	\$4,238	\$3,629

321 Wood Product Manufacturing

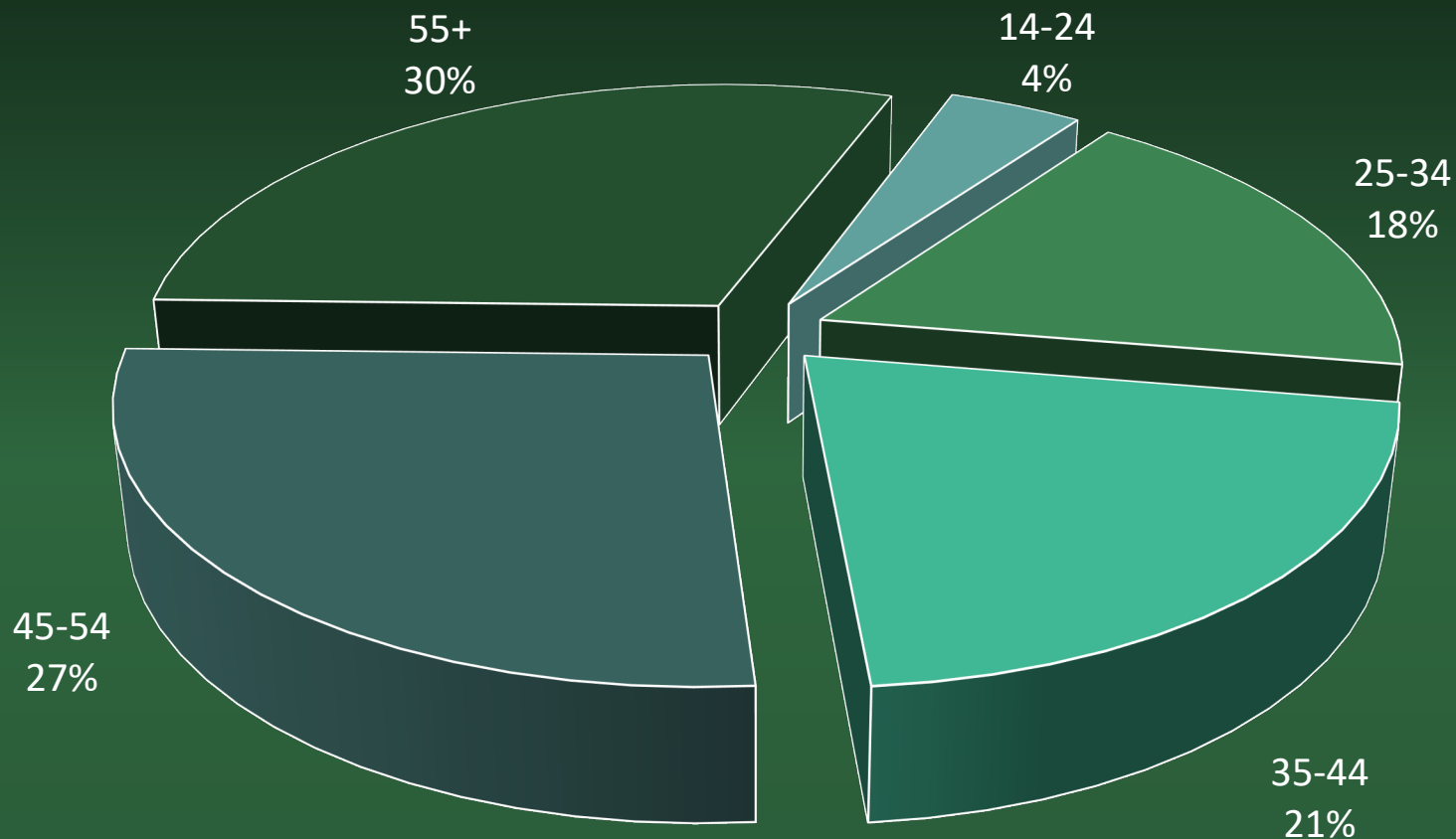
2021 Average Annual Employment by Age Group



Source: Partnership between the Alabama Department of Labor, Labor Market Information Division and the U.S. Census Bureau, Longitudinal Employment-Household Dynamics (LEHD) Program, Quarterly Workforce Indicators (QWI) data.

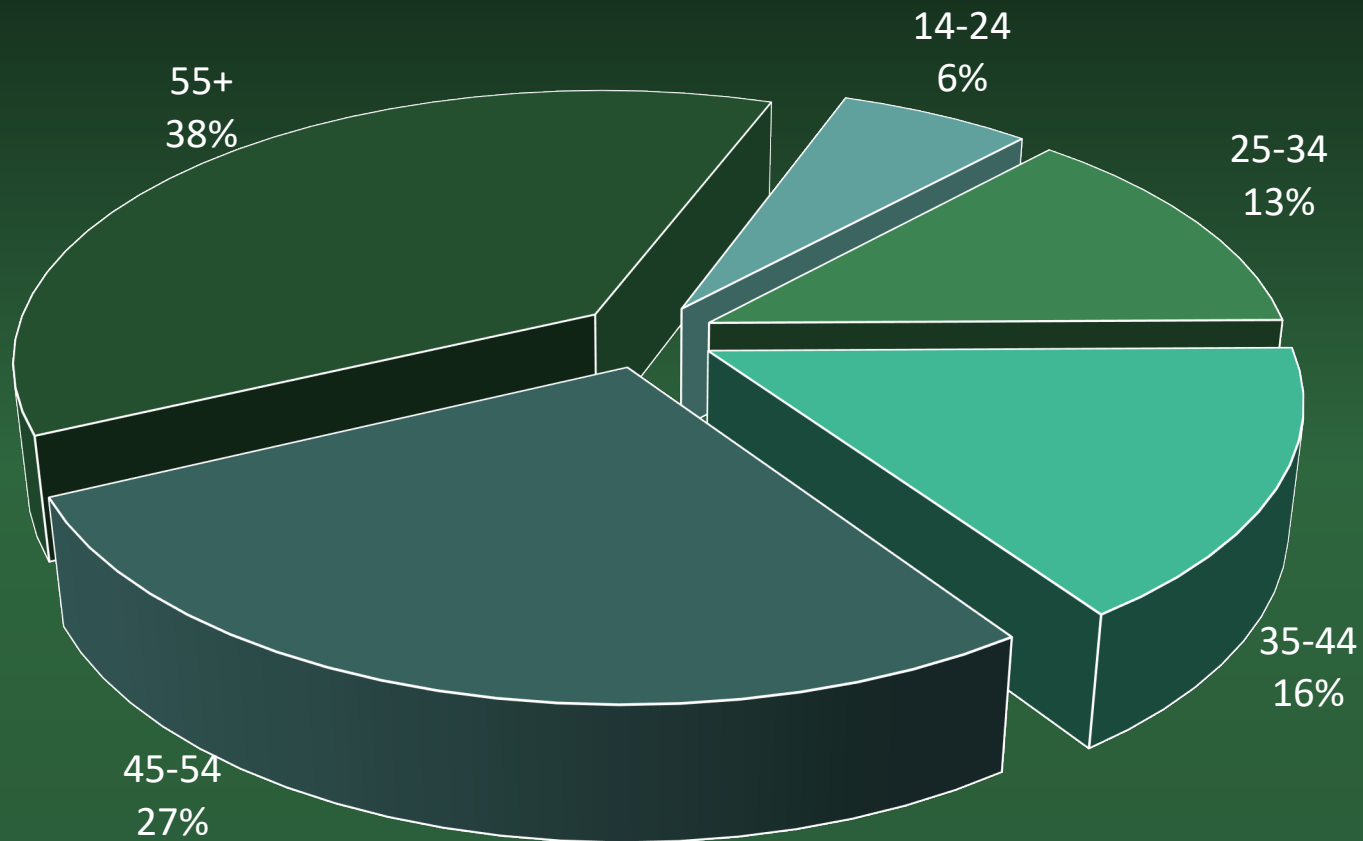
322 Paper Manufacturing

2021 Average Annual Employment by Age Group



1133 Logging

2021 Average Annual Employment by Age Group



Source: Partnership between the Alabama Department of Labor, Labor Market Information Division and the U.S. Census Bureau, Longitudinal Employment-Household Dynamics (LEHD) Program, Quarterly Workforce Indicators (QWI) data.

Projections Information

2020 – 2030 Industry Projections by NAICS Code

NAICS	Industry	2020	2030	Net Change	Percent Change	Average Annual Growth	U.S. Average Annual Growth	Location Quotient
321	Wood Product Manufacturing	17,660	19,460	1,800	10.21%	0.98%	0.56%	3.20
322	Paper Manufacturing	11,260	10,800	-460	-4.09%	-0.42%	-1.02%	2.26
1133	Logging	3,730	3,450	-280	-7.74%	-0.8%	0.16%	5.85

Major Forestry Products Regions

Forestry Products Industry Maps:

Statewide

Region 1

Region 2

Region 3

Region 4

Region 5

Region 6

Region 7