



Alabama
Department of Labor

Labor Market Information
James Henry, Division Director

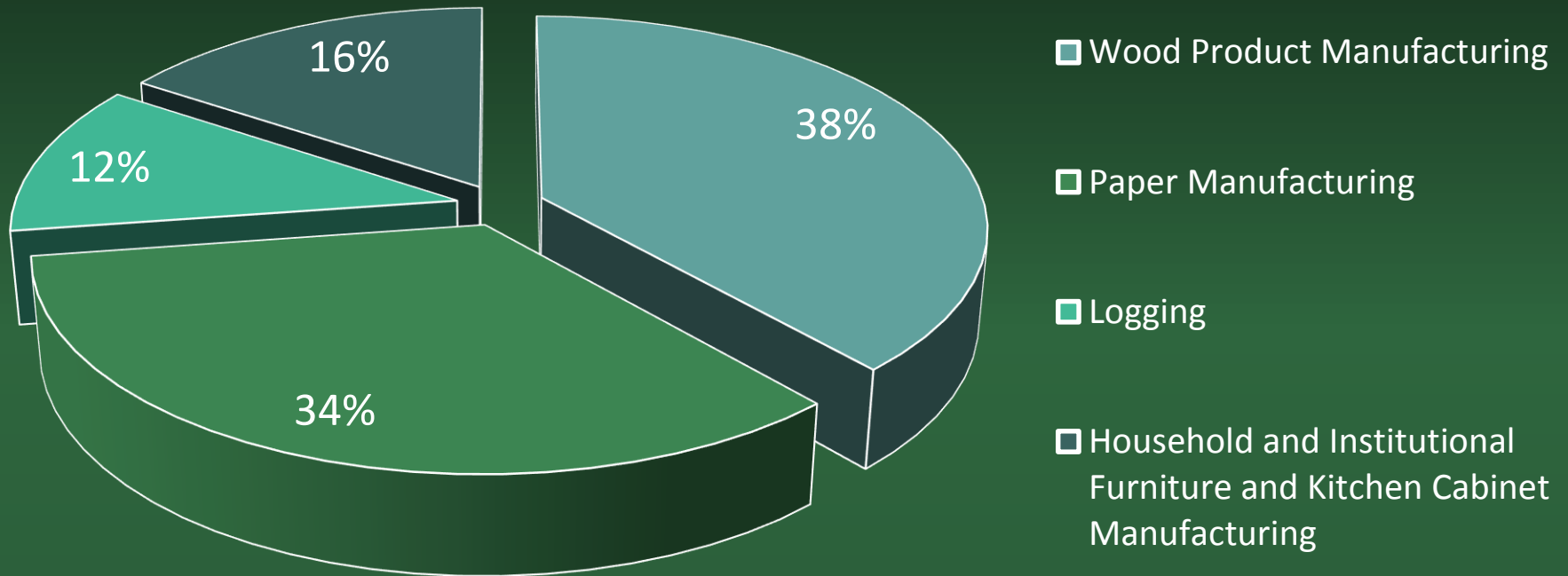


Accelerate Alabama Forestry and Paper

Alabama Department of Labor
Labor Market Information Division



Alabama Forestry and Paper Employment by Industry Sectors





Alabama Forestry and Paper Industry Overview

Sector	# of Companies	# Employed
Wood Product Manufacturing	355	13,685
Paper Manufacturing	91	12,214
Logging	565	4,117
Household and Institutional Furniture and Kitchen Cabinet Manufacturing	302	5,601



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.

355 companies; 13,685 employed;
38% of Forestry and Paper Industry Employment

# of Employees	% of Companies
1-49	76%
50-99	13%
100-249	10%
250+	1%

Source: Quarterly Census of Employment and Wages, 2013 annual average. *Note: Numbers may not equal 100% due to rounding.*

Top 5 Job Categories:

- 15% Sawing Machine Setters, Operators, and Tenders, Wood
- 11% Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- 9% Carpenters
- 8% Team Assemblers
- 5% First-Line Supervisors of Production and Operating Workers

Source: 2014 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.



Wood Product Manufacturing Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	146	\$2,940	\$2,623	*
2 – 3 Years	150	\$2,814	\$2,156	9.7%
4 – 5 Years	285	\$2,896	\$2,229	8.3%
6 – 10 Years	880	\$2,942	\$2,020	8.5%
11+ Years	10,903	\$3,357	\$2,728	6.6%
All Firm Ages	12,346	\$3,307	\$2,549	7.1%



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.

91 companies; 12,214 employed;
34% of Forestry and Paper Industry Employment

# of Employees	% of Companies
1-49	53%
50-99	19%
100-249	11%
250+	18%

Source: Quarterly Census of Employment and Wages, 2013 annual average. *Note: Numbers may not equal 100% due to rounding.*

Top 5 Job Categories:

- 18% Paper Goods Machine Setters, Operators, and Tenders
- 10% Industrial Machinery Mechanics
- 7% Helpers--Production Workers
- 6% Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
- 4% Industrial Truck and Tractor Operators

Source: 2014 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.



Paper Manufacturing Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	*	\$3,825	\$3,525	*
2 – 3 Years	*	\$1,934	\$1,719	*
4 – 5 Years	*	\$1,988	\$1,591	*
6 – 10 Years	161	\$3,910	\$2,771	5.2%
11+ Years	11,064	\$5,978	\$4,312	2.5%
All Firm Ages	11,302	\$5,927	\$4,195	2.6%



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.

565 companies; 4,117 employed;
12% of Forestry and Paper Industry Employment

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

Top 5 Job Categories:

- 47% Logging Equipment Operators
- 21% Heavy and Tractor-Trailer Truck Drivers
- 10% Fallers
- 4% First-Line Supervisors of Farming, Fishing, and Forestry Workers
- 3% Purchasing Agents, Except Wholesale, Retail, and Farm Products

Source: Quarterly Census of Employment and Wages, 2013 annual average. *Note: Numbers may not equal 100% due to rounding.*

Source: 2014 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.



Logging

Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	172	\$2,959	\$2,767	*
2 – 3 Years	179	\$2,952	\$2,783	13.0%
4 – 5 Years	176	\$3,198	\$2,812	10.5%
6 – 10 Years	366	\$2,919	*	11.2%
11+ Years	2,724	\$3,202	\$2,613	7.6%
All Firm Ages	3,617	\$3,148	\$2,712	9.2%



Household and Institutional Furniture and Kitchen Cabinet Manufacturing

3371 Household and Institutional Furniture and Kitchen Cabinet Manufacturing

This industry group comprises establishments manufacturing household-type furniture, such as living room, kitchen and bedroom furniture and institutional (i.e., public building) furniture, such as furniture for schools, theaters, and churches.

302 companies; 5,601 employed;
16% of Forestry and Paper Industry Employment

# of Employees	% of Companies
1-49	93%
50-99	3%
100-249	2%
250+	2%

Source: Quarterly Census of Employment and Wages, 2013 annual average. *Note: Numbers may not equal 100% due to rounding.*

Top 5 Job Categories:

- 24% Cabinetmakers and Bench Carpenters
- 14% Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- 8% Team Assemblers
- 5% First-Line Supervisors of Production and Operating Workers
- 5% Machine Feeders and Offbearers

Source: 2014 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.

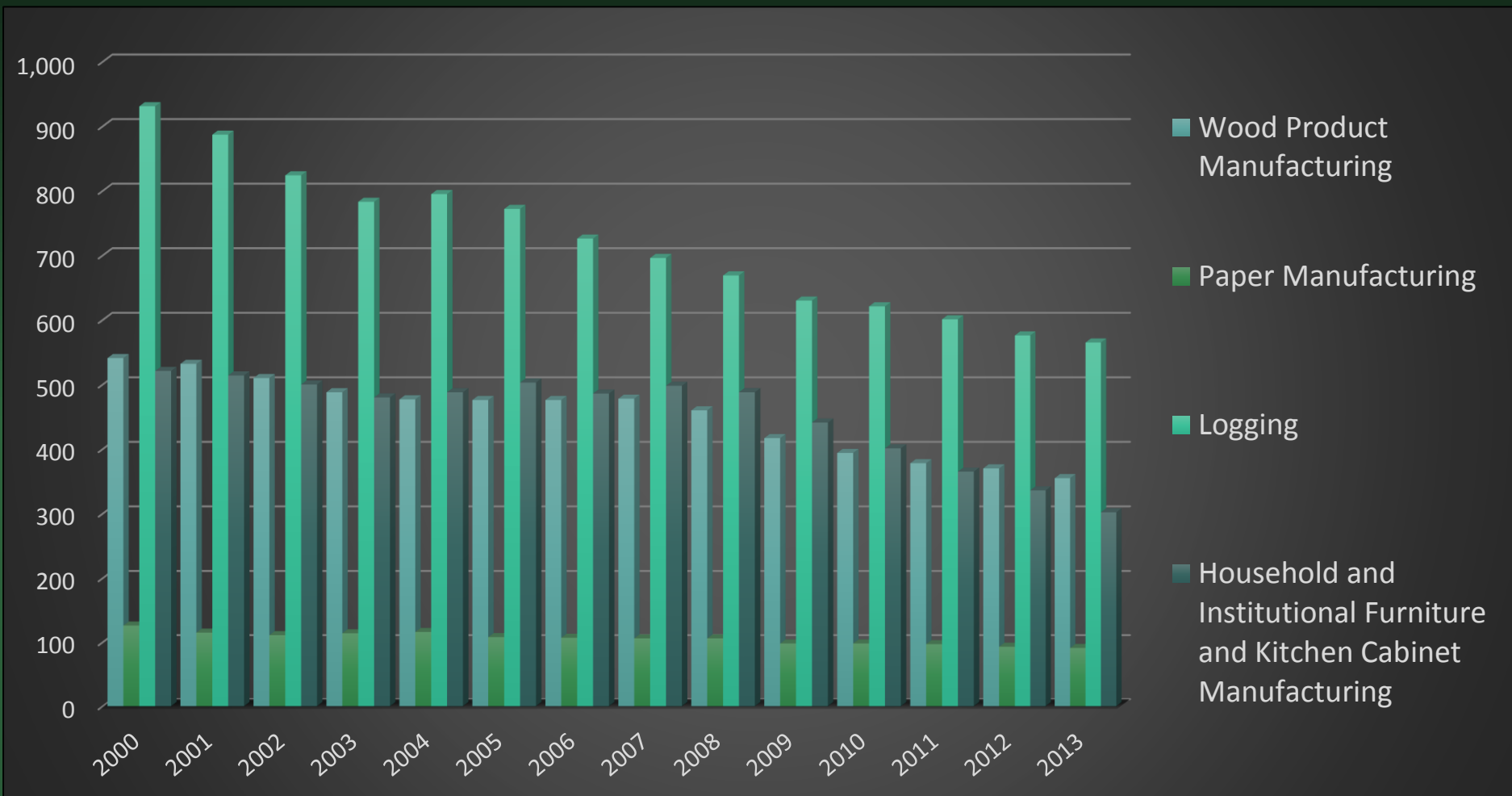


Household and Institutional Furniture and Kitchen Cabinet Manufacturing Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	78	\$2,091	\$1,710	11.5%
2 – 3 Years	164	\$2,924	\$2,197	7.7%
4 – 5 Years	48	\$2,183	\$1,794	11.6%
6 – 10 Years	406	\$2,561	\$1,932	8.0%
11+ Years	4,507	\$2,921	\$2,088	8.3%
All Firm Ages	5,202	\$2,871	\$2,074	8.3%



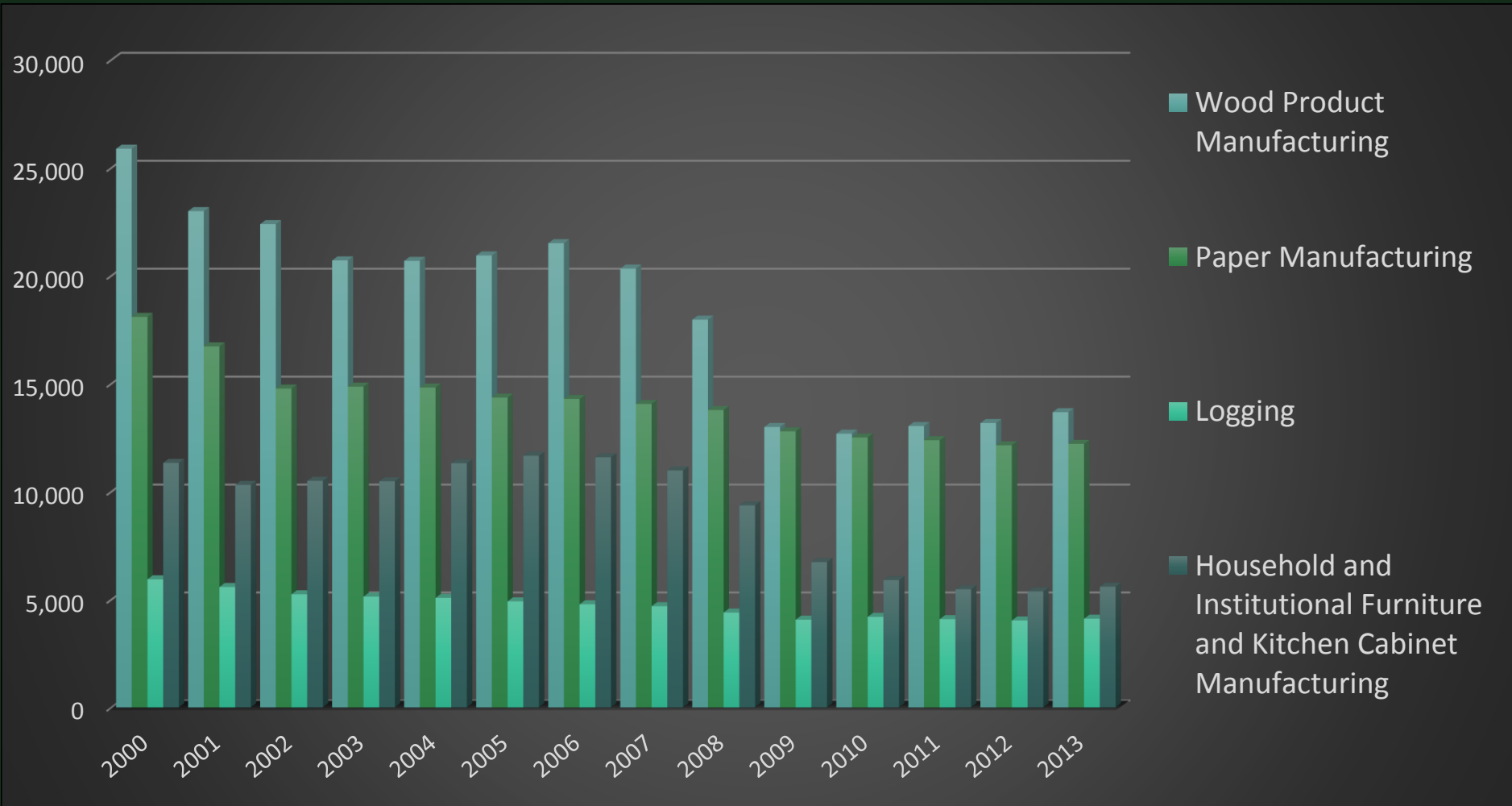
Development of Alabama's Forestry and Paper Industry by Company



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



Development of Alabama's Forestry and Paper Industry by Employment



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



Top Occupations for Forestry and Paper by Rounded Employment

Occupations	# of Jobs	% of Total
Paper Goods Machine Setters, Operators, and Tenders	2,260	6%
Sawing Machine Setters, Operators, and Tenders, Wood	2,200	6%
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	2,160	6%
Logging Equipment Operators	1,920	6%
Cabinetmakers and Bench Carpenters	1,840	5%
Helpers--Production Workers	1,490	4%
Team Assemblers	1,420	4%
Industrial Machinery Mechanics	1,360	4%
Carpenters	1,310	4%
Remaining Occupations	18,800	54%



Wage Information

Top 10 by Rounded Occupational Employment

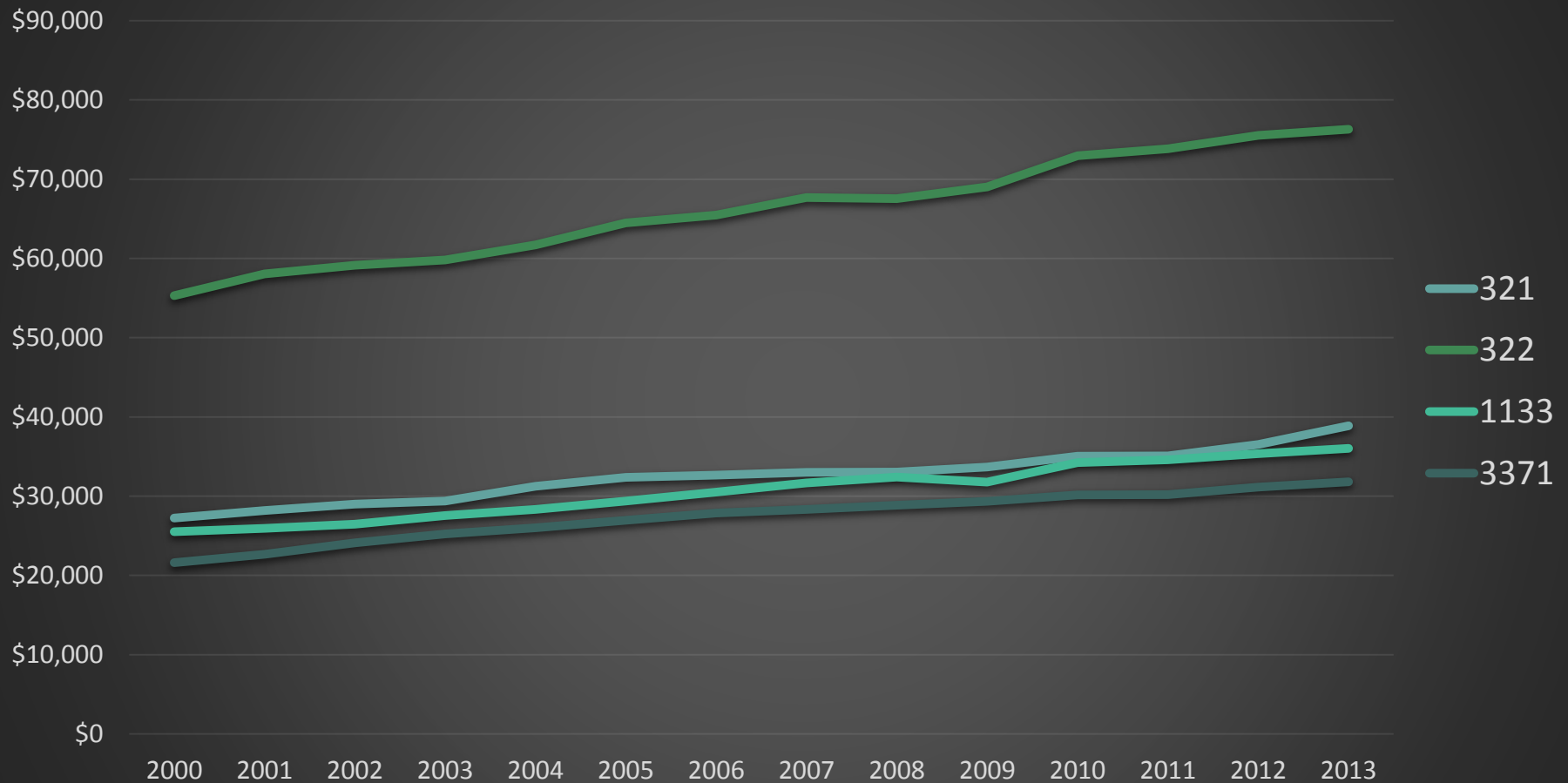
Occupation	Rounded Emp.	Mean Hourly	Mean Annual	Entry Hourly	Entry Annual	Experience Hourly	Experience Annual
Paper Goods Machine Setters, Operators, and Tenders	2,260	\$18.11	\$37,661	\$10.51	\$21,869	\$21.90	\$45,547
Sawing Machine Setters, Operators, and Tenders, Wood	2,200	\$13.61	\$28,309	\$9.00	\$18,714	\$15.91	\$33,101
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	2,160	\$11.87	\$24,679	\$8.46	\$17,612	\$13.57	\$28,218
Logging Equipment Operators	1,920	\$15.78	\$32,806	\$11.49	\$23,906	\$17.91	\$37,251
Cabinetmakers and Bench Carpenters	1,840	\$13.35	\$27,753	\$9.81	\$20,403	\$15.10	\$31,423
Helpers--Production Workers	1,490	\$11.54	\$23,992	\$8.27	\$17,198	\$13.17	\$27,399
Team Assemblers	1,420	\$16.85	\$35,063	\$10.09	\$20,989	\$20.24	\$42,100
Industrial Machinery Mechanics	1,360	\$24.00	\$49,911	\$16.18	\$33,644	\$27.90	\$58,035
Carpenters	1,310	\$15.80	\$32,847	\$11.28	\$23,450	\$18.05	\$37,545
First-Line Supervisors of Production and Operating Workers	1,260	\$27.07	\$56,294	\$16.86	\$35,083	\$32.17	\$66,910

Source: 2014 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.*



Wage Information

Total Wages by NAICS Code 2000-2013





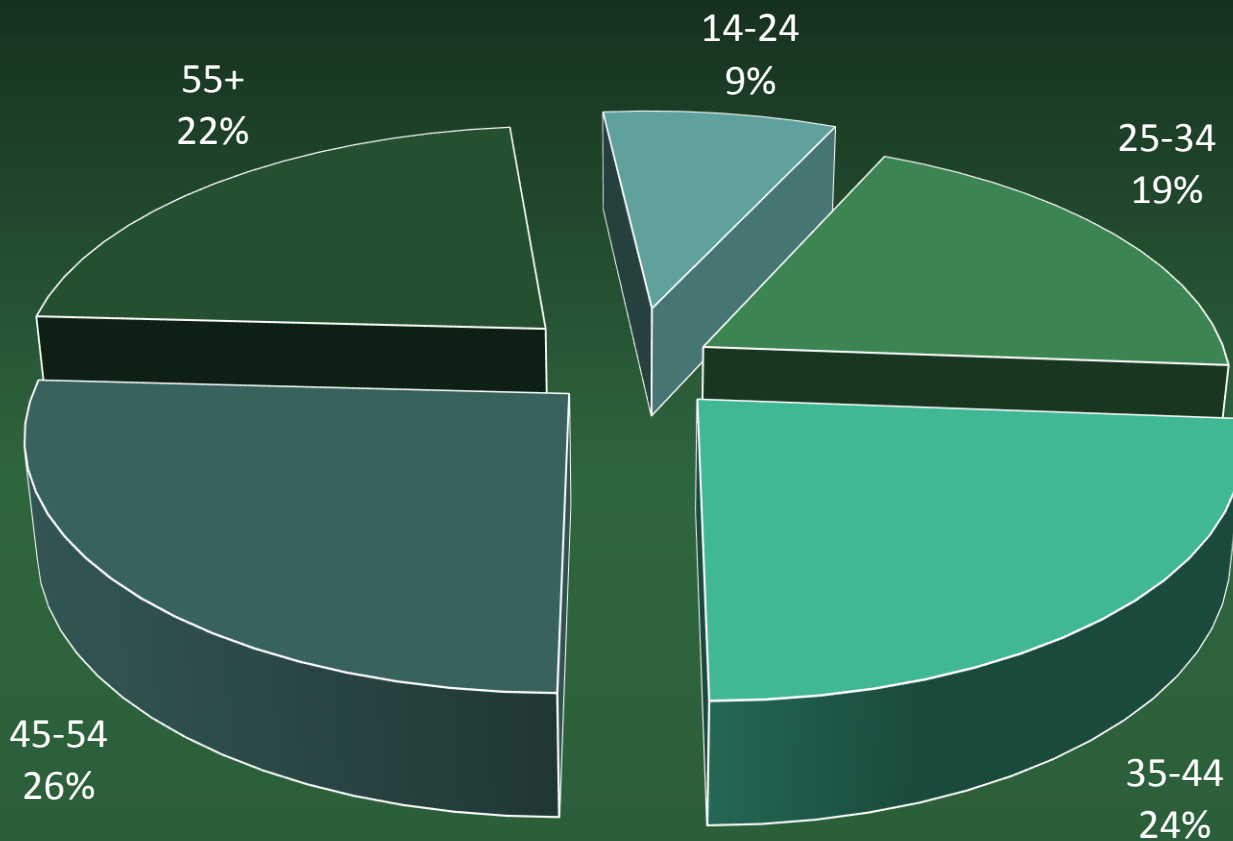
2013 Quarterly Workforce Indicators

NAICS	Industry	Average Turnover Rate	Average Job Gains	Average Net Job Flows	Average Monthly Earnings	Average Monthly Earnings – New Hires
321	Wood Product Manufacturing	7.1%	470	207	\$3,312	\$2,436
322	Paper Manufacturing	2.7%	97	15	\$5,928	\$4,190
1133	Logging	9.2%	212	4	\$3,148	\$2,712
3371	Household and Institutional Furniture and Kitchen Cabinet Manufacturing	8.3%	218	71	\$2,879	\$2,066



321 Wood Product Manufacturing

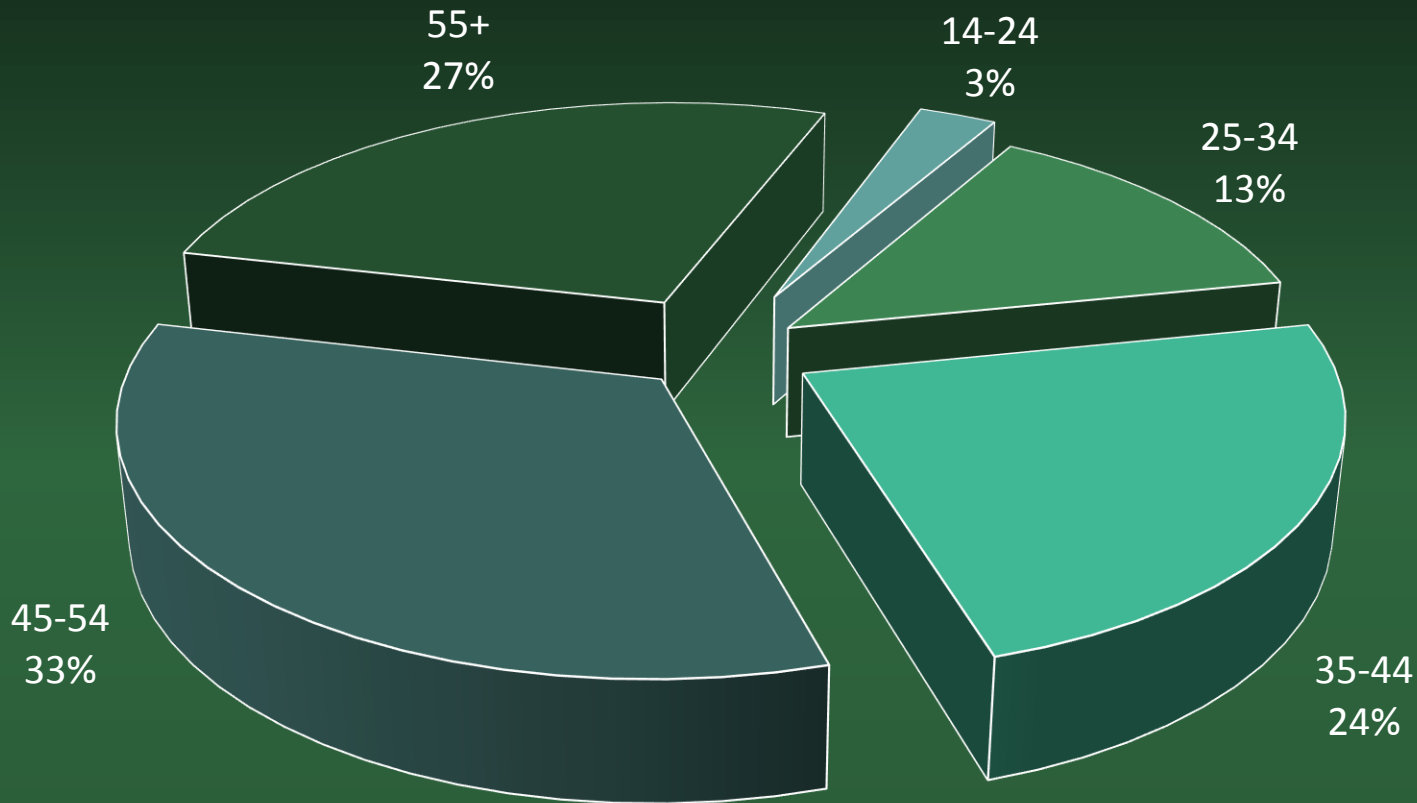
2013 Average Annual Employment by Age Group





322 Paper Manufacturing

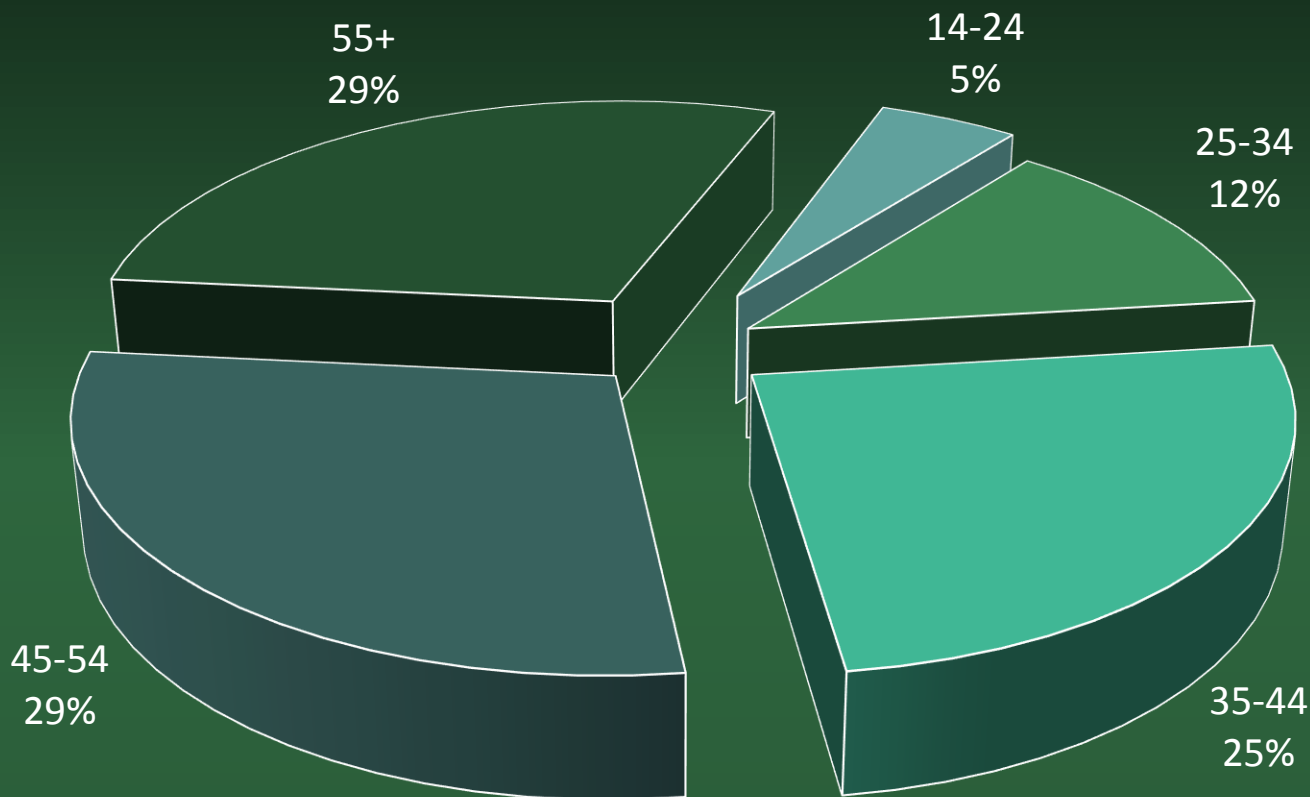
2013 Average Annual Employment by Age Group





1133 Logging

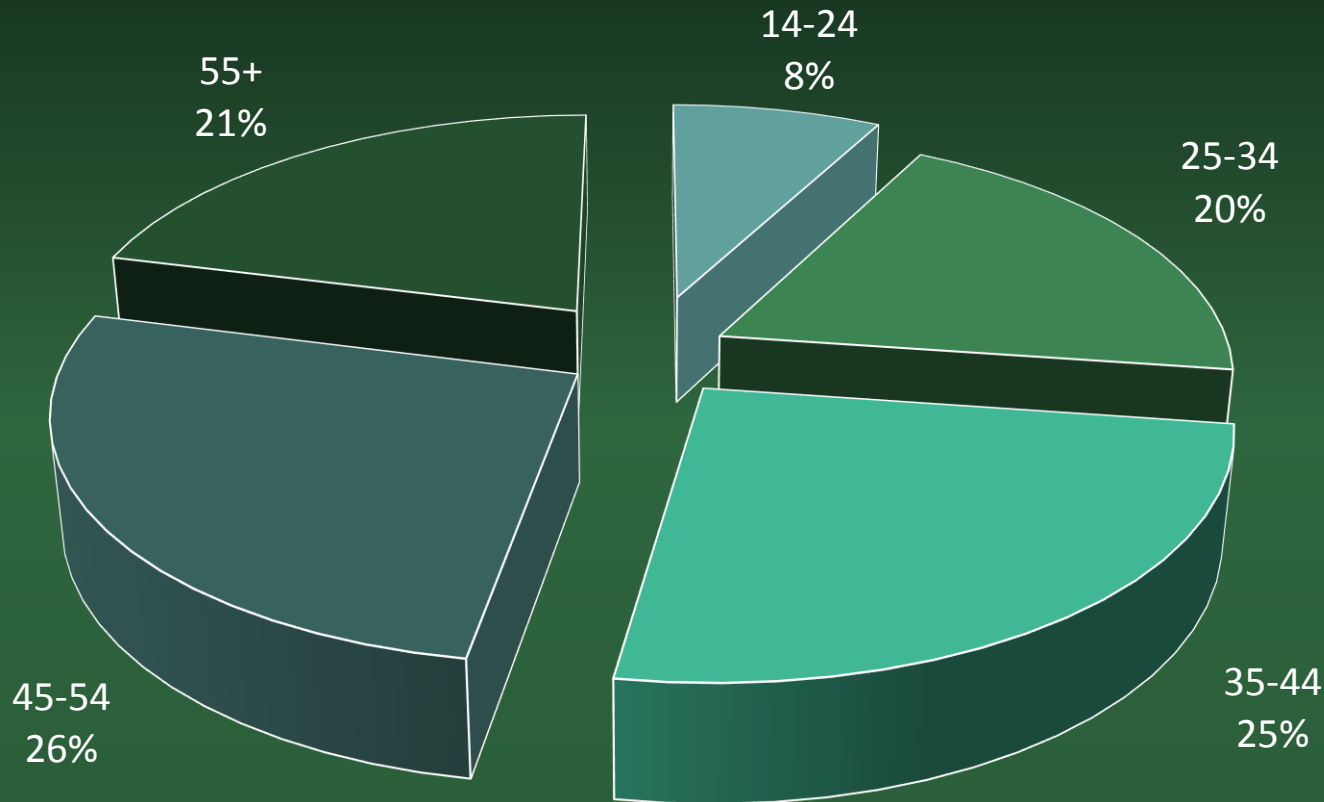
2013 Average Annual Employment by Age Group





3371 Household and Institutional Furniture and Kitchen Cabinet Manufacturing

2013 Average Annual Employment by Age Group





Projections Information

2012 – 2022 Industry Projections by NAICS Code

NAICS	Industry	2012	2022	Net Change	Percent Change	Average Annual Growth	U.S. Average Annual Growth	Location Quotient
321	Wood Product Manufacturing	13,180	15,040	1,860	14.11	1.33	1.40	2.75
322	Paper Manufacturing	12,150	10,540	-1,610	-13.25	-1.41	-0.95	2.26
1133	Logging	4,030	3,850	-180	-4.47	-0.46	-0.97	5.64
3371	Household and Institutional Furniture and Kitchen Cabinet Manufacturing	5,380	5,370	-10	-0.19	-0.02	0.27	1.75



Major Forestry and Paper Regions

Forestry and Paper Industry Maps:

Statewide

- Workforce Development Region 1
- Workforce Development Region 2
- Workforce Development Region 3
- Workforce Development Region 4
- Workforce Development Region 5
- Workforce Development Region 6
- Workforce Development Region 7
- Workforce Development Region 8
- Workforce Development Region 9
- Workforce Development Region 10