



Alabama  
Department of Labor

Labor Market Information  
James Henry, Division Director

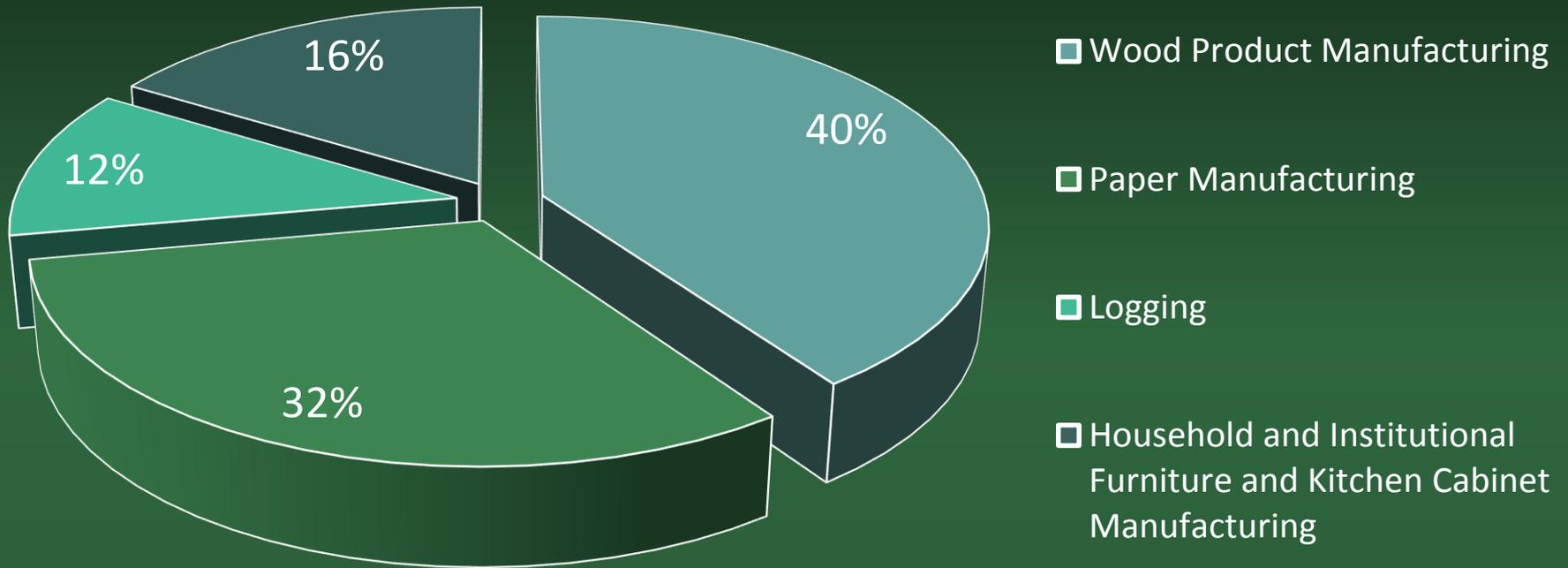


# Accelerate Alabama Forest Products

Alabama Department of Labor  
Labor Market Information Division



# Alabama Forest Products Employment by Industry Sectors





## Alabama Forest Products Industry Overview

Sector	# of Companies	# Employed
Wood Product Manufacturing	354	14,429
Paper Manufacturing	94	11,415
Logging	563	4,157
Household and Institutional Furniture and Kitchen Cabinet Manufacturing	298	5,827



# 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.

354 companies; 14,429 employed;  
40% of Forestry and Paper Industry Employment

# of Employees	% of Companies
1-49	74%
50-99	13%
100-249	12%
250+	1%

**Source:** Quarterly Census of Employment and Wages, 2014 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% Machine Feeders and Offbearers

**Source:** 2015 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	261	\$2,606	\$2,222	*
2 – 3 Years	237	\$3,435	\$2,535	6.7%
4 – 5 Years	140	\$2,968	\$2,169	11.7%
6 – 10 Years	818	\$3,088	\$2,127	10.7%
11+ Years	11,586	\$3,501	\$2,378	8.0%
All Firm Ages	13,041	\$3,451	\$2,395	7.2%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2014 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.

94 companies; 11,415 employed;  
32% of Forestry and Paper Industry Employment

# of Employees	% of Companies
1-49	56%
50-99	17%
100-249	11%
250+	16%

**Source:** Quarterly Census of Employment and Wages, 2014 annual average. *Note: Numbers may not equal 100% due to rounding.*

### Top 5 Job Categories:

- 19% Paper Goods Machine Setters, Operators, and Tenders
- 10% Industrial Machinery Mechanics
- 7% Helpers--Production Workers
- 5% Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
- 4% Industrial Truck and Tractor Operators

**Source:** 2015 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	630	*	*	*
2 – 3 Years	*	\$2,174	*	*
4 – 5 Years	*	\$2,336	\$1,591	*
6 – 10 Years	120	\$4,105	\$3,113	6.9%
11+ Years	9,613	\$6,056	\$4,226	3.4%
All Firm Ages	10,402	\$6,107	\$4,229	3.4%



# 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.

563 companies; 4,157 employed;  
12% of Forestry and Paper Industry Employment

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

**Source:** Quarterly Census of Employment and Wages, 2014 annual average. *Note: Numbers may not equal 100% due to rounding.*

### Top 5 Job Categories:

- 47% Logging Equipment Operators
- 21% Heavy and Tractor-Trailer Truck Drivers
- 10% Fallers
- 3% Purchasing Agents, Except Wholesale, Retail, and Farm Products
- 3% Secretaries and Administrative Assistants, Except Legal, Medical, and Executive

**Source:** 2015 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	200	\$2,900	*	*
2 – 3 Years	201	\$3,350	\$3,191	17.8%
4 – 5 Years	200	\$3,221	\$2,787	11.9%
6 – 10 Years	396	\$3,076	\$2,769	10.1%
11+ Years	2,696	\$3,334	\$2,637	7.5%
All Firm Ages	3,693	\$3,276	\$2,771	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.

298 companies; 5,827 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, 2014 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% Machine Feeders and Offbearers
- 3% Carpenters

**Source:** 2015 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.



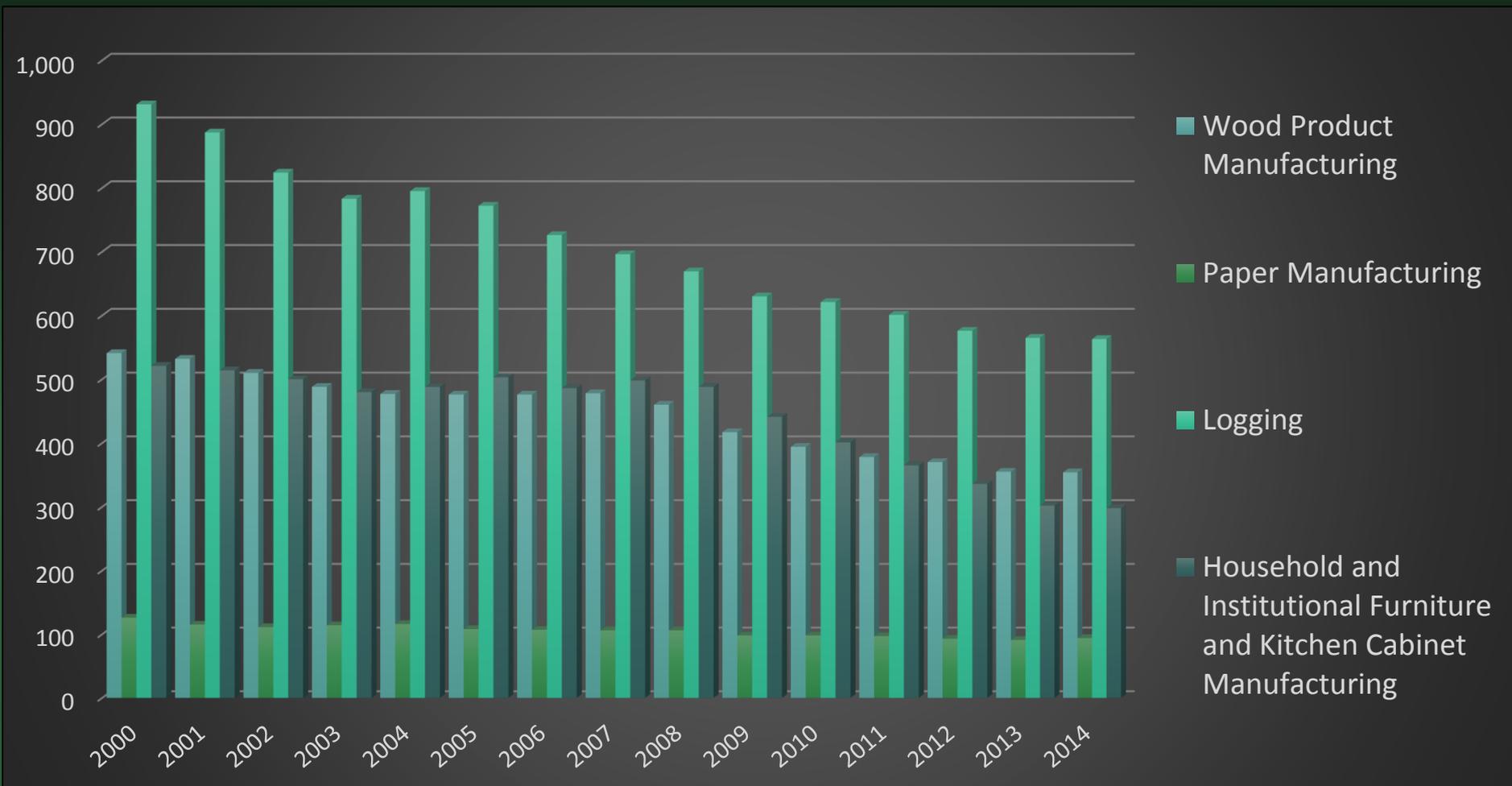
# Household and Institutional Furniture and Kitchen Cabinet Manufacturing Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	22	\$2,207	\$1,931	*
2 – 3 Years	135	\$2,780	\$1,658	11.2%
4 – 5 Years	52	\$2,543	\$1,998	11.1%
6 – 10 Years	368	\$2,701	\$2,268	12.3%
11+ Years	4,793	\$2,980	\$2,138	8.2%
All Firm Ages	5,370	\$2,949	\$2,138	8.7%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2014 annual average data shown. *\*Data not available or marked confidential. Note: Data may not add due to rounding.*



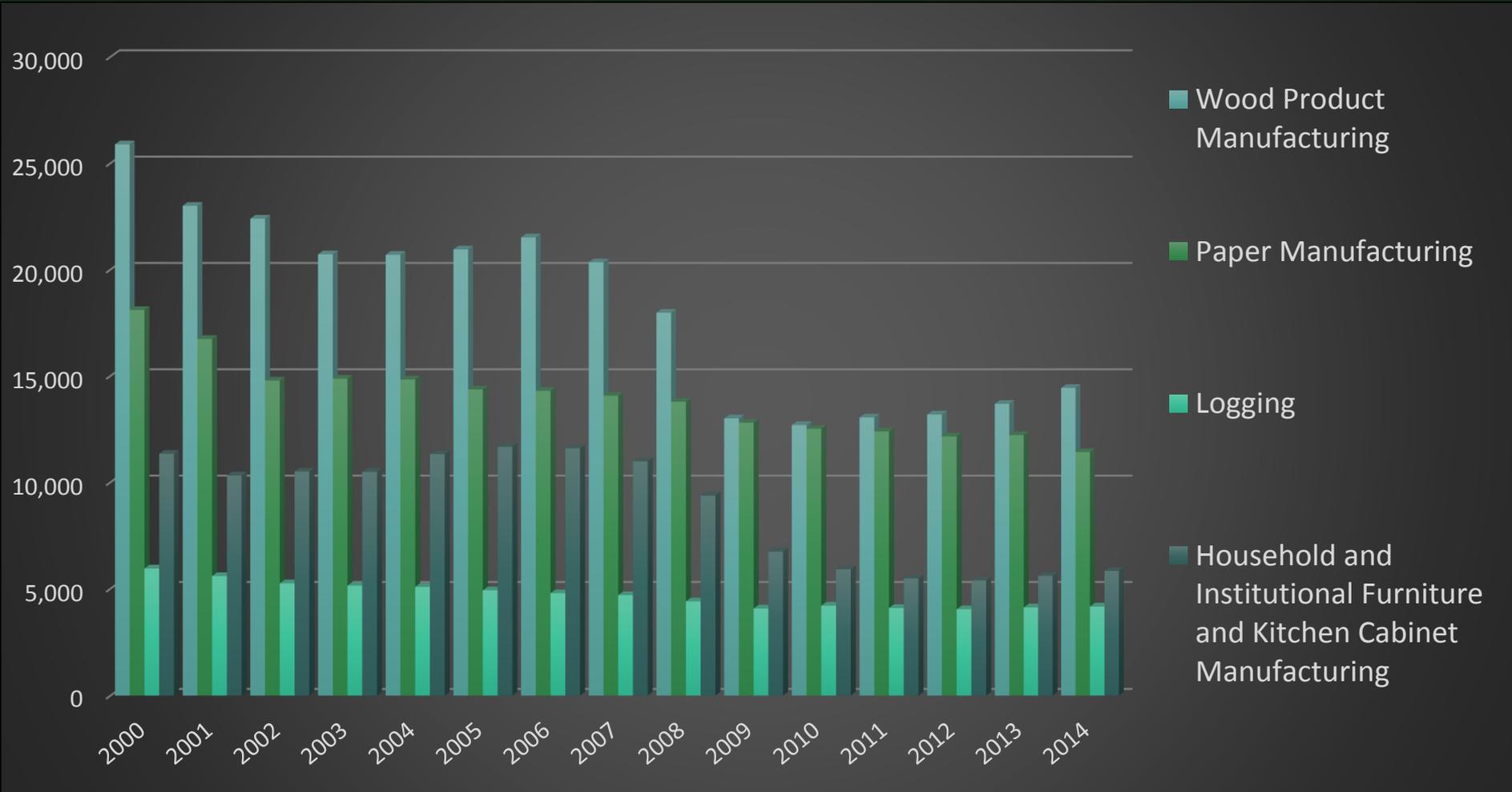
# Development of Alabama's Forestry and Paper Industry by Company



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
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	2,370	7%
Sawing Machine Setters, Operators, and Tenders, Wood	2,360	7%
Paper Goods Machine Setters, Operators, and Tenders	2,160	6%
Cabinetmakers and Bench Carpenters	2,000	6%
Logging Equipment Operators	1,980	6%
Team Assemblers	1,560	4%
Helpers--Production Workers	1,500	4%
Carpenters	1,450	4%
Heavy and Tractor-Trailer Truck Drivers	1,300	4%
Remaining Occupations	19,150	53%



# Wage Information

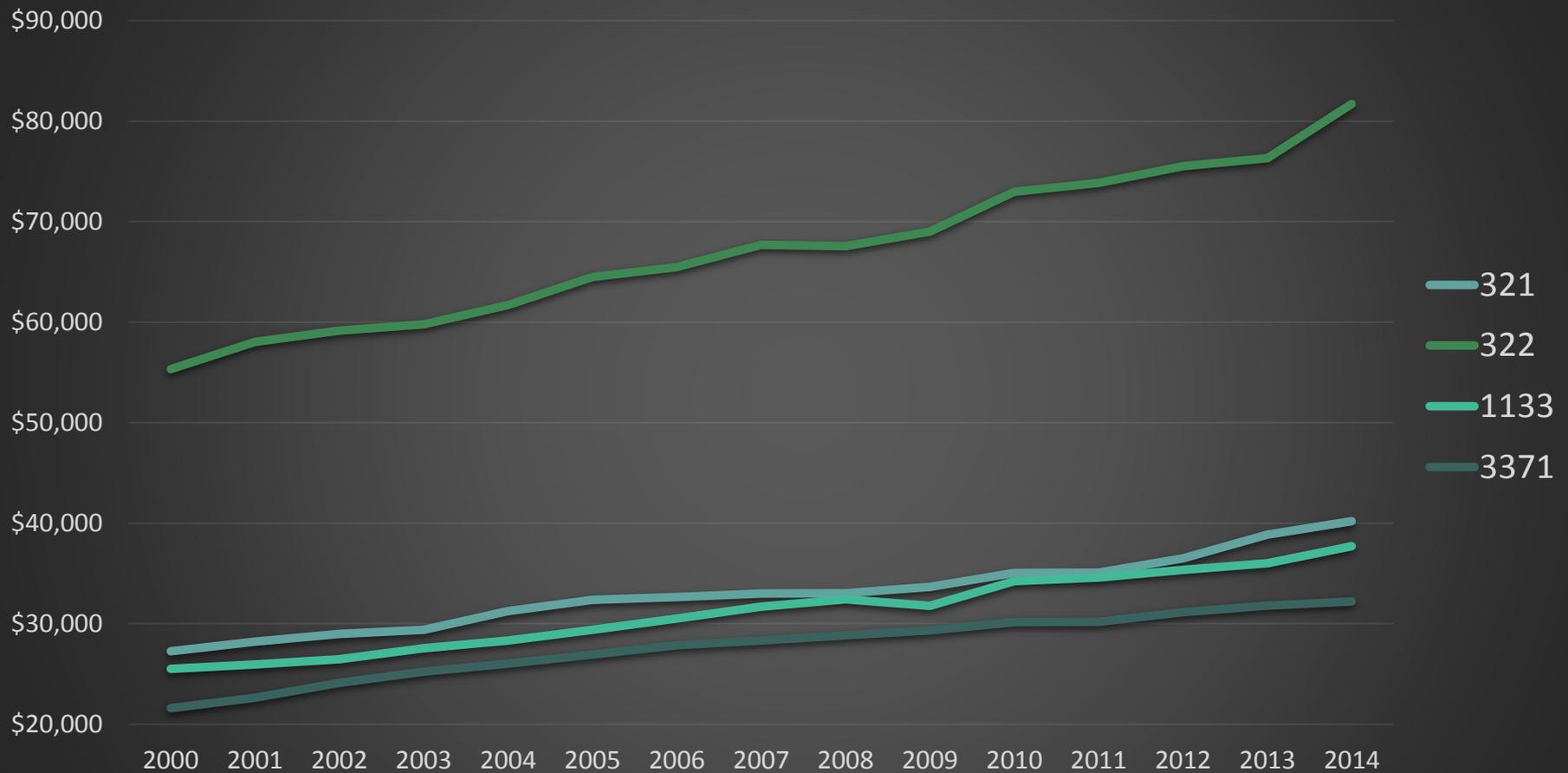
## Top 10 by Rounded Occupational Employment

Occupation	Rounded Emp.	Mean Hourly	Mean Annual	Entry Hourly	Entry Annual	Experience Hourly	Experience Annual
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	2,370	\$13.17	\$27,392	\$9.86	\$20,503	\$14.83	\$30,846
Sawing Machine Setters, Operators, and Tenders, Wood	2,360	\$12.75	\$26,507	\$8.50	\$17,696	\$14.87	\$30,918
Paper Goods Machine Setters, Operators, and Tenders	2,160	\$19.12	\$39,792	\$11.98	\$24,914	\$22.70	\$47,226
Cabinetmakers and Bench Carpenters	2,000	\$13.73	\$28,554	\$10.20	\$21,222	\$15.48	\$32,214
Logging Equipment Operators	1,980	\$16.53	\$34,379	\$12.00	\$24,966	\$18.79	\$39,090
Team Assemblers	1,560	\$17.23	\$35,854	\$10.55	\$21,932	\$20.58	\$42,805
Helpers--Production Workers	1,500	\$11.72	\$24,379	\$8.46	\$17,603	\$13.36	\$27,772
Carpenters	1,450	\$17.29	\$35,963	\$11.99	\$24,935	\$19.94	\$41,477
Heavy and Tractor-Trailer Truck Drivers	1,300	\$19.83	\$41,253	\$12.82	\$26,659	\$23.34	\$48,545
Industrial Machinery Mechanics	1,260	\$25.12	\$52,244	\$16.88	\$35,128	\$29.23	\$60,808



# Wage Information

## Total Wages by NAICS Code 2000-2014



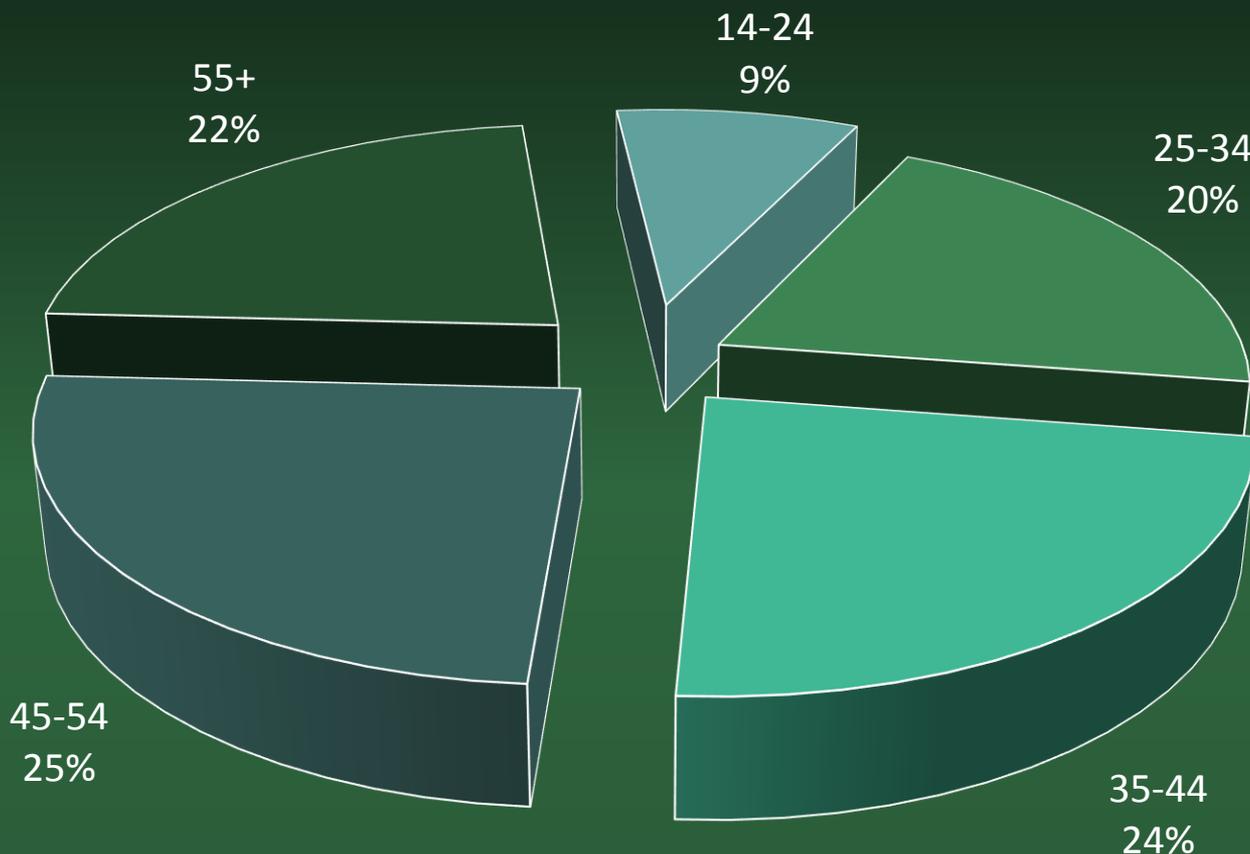


## 2014 Quarterly Workforce Indicators

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%	391	116	\$3,451	\$2,395
322	Paper Manufacturing	3.4%	83	-219	\$6,107	\$4,229
1133	Logging	9.1%	218	24	\$3,276	\$2,771
3371	Household and Institutional Furniture and Kitchen Cabinet Manufacturing	8.7%	240	55	\$2,949	\$2,138

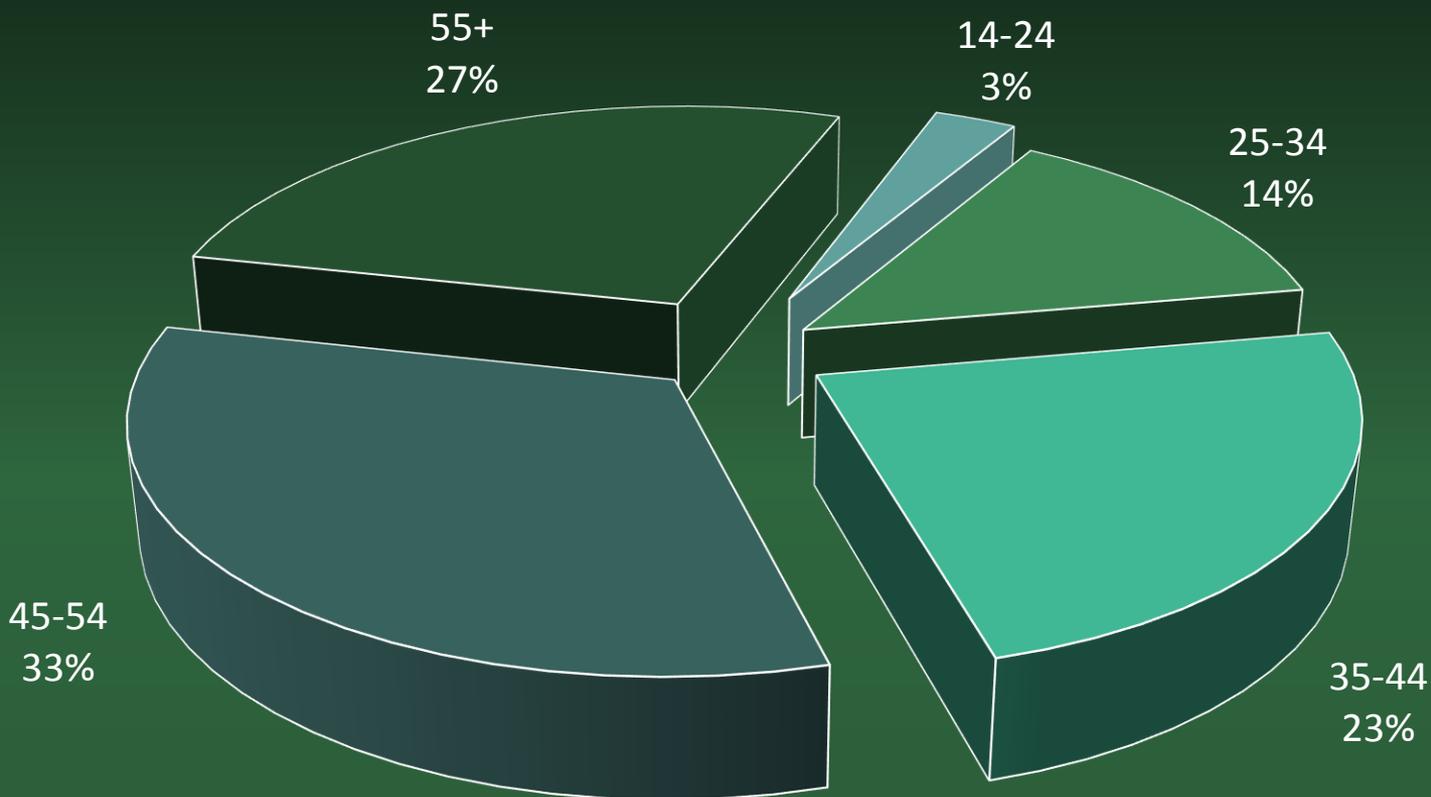


# 321 Wood Product Manufacturing 2014 Average Annual Employment by Age Group





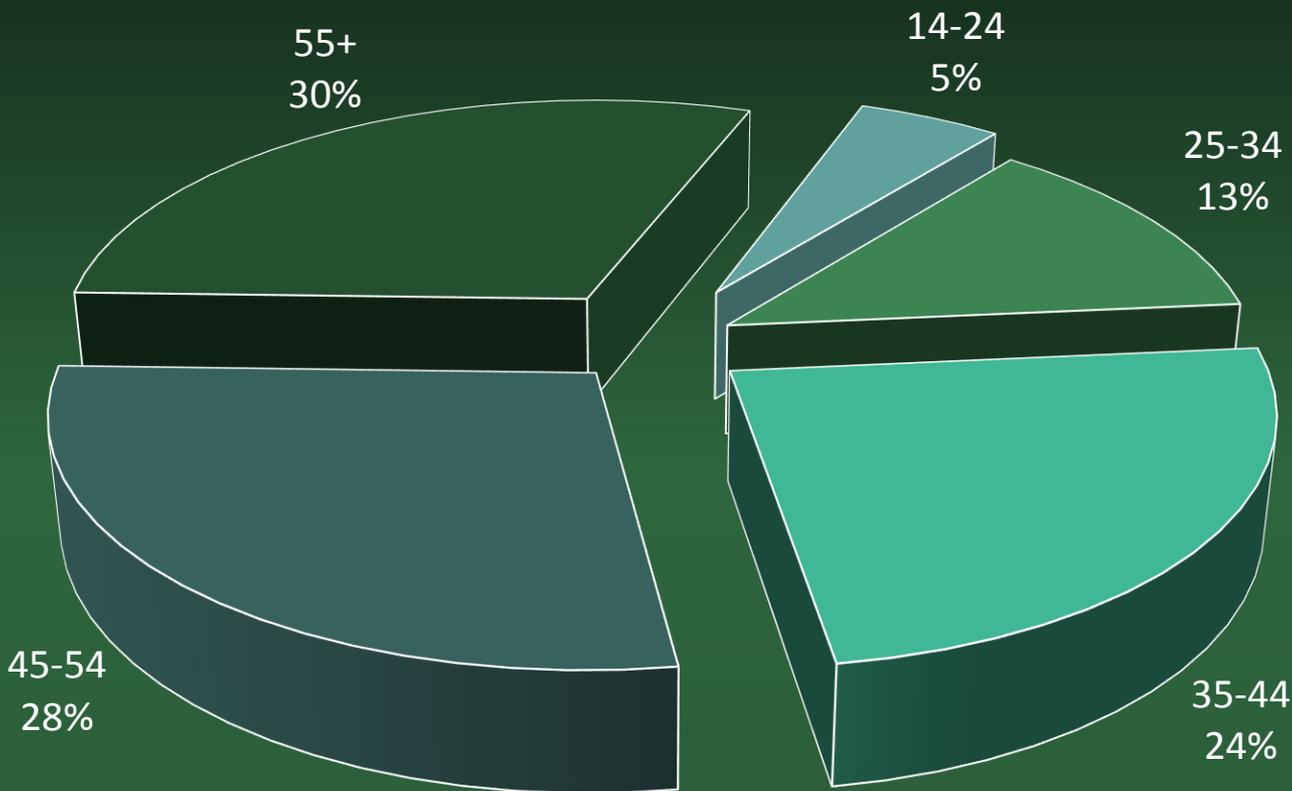
## 322 Paper Manufacturing 2014 Average Annual Employment by Age Group





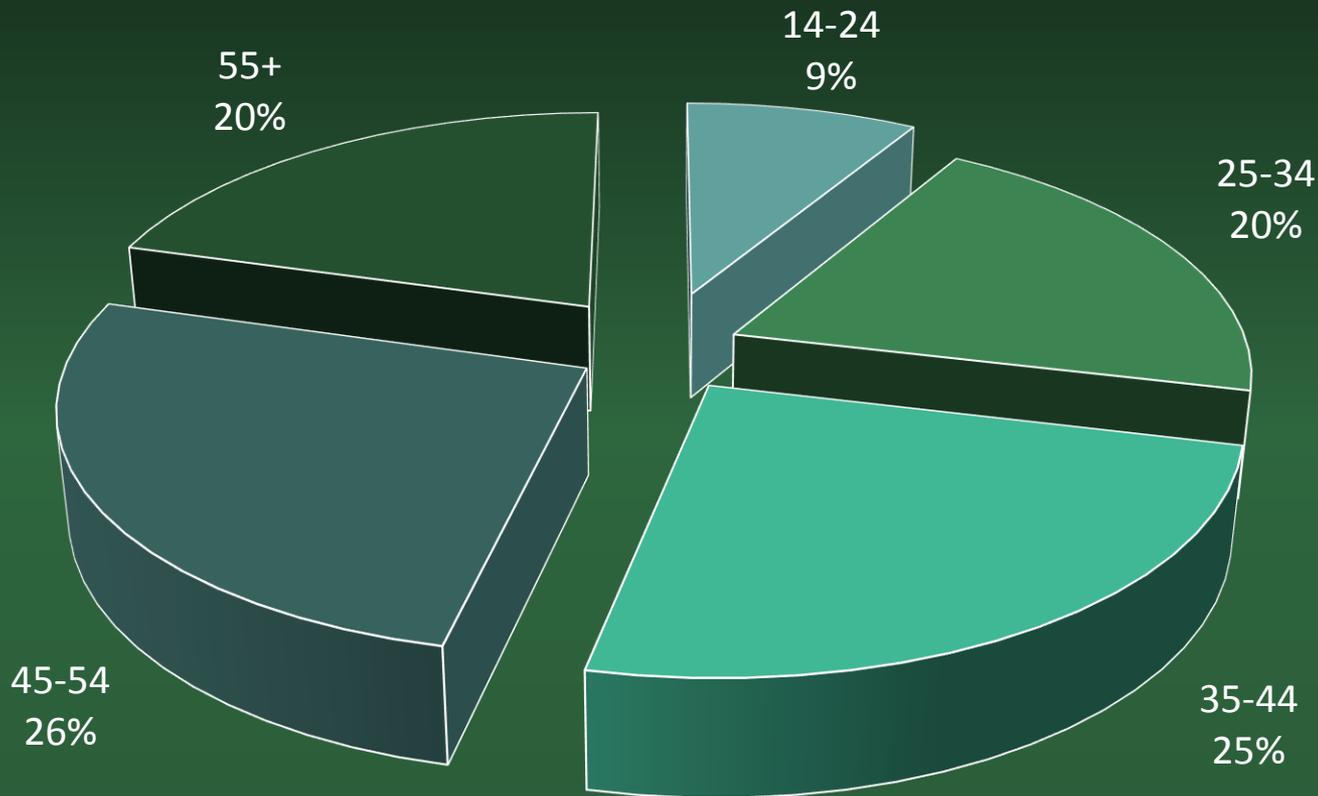
# 1133 Logging

## 2014 Average Annual Employment by Age Group





# 3371 Household and Institutional Furniture and Kitchen Cabinet Manufacturing 2014 Average Annual Employment by Age Group





# Projections Information

## 2014 – 2024 Industry Projections by NAICS Code

NAICS	Industry	2014	2024	Net Change	Percent Change	Average Annual Growth	U.S. Average Annual Growth	Location Quotient
321	Wood Product Manufacturing	14,430	15,290	860	5.96	0.58	-0.22	2.79
322	Paper Manufacturing	11,420	9,810	-1,610	-14.10	-1.51	-1.20	2.21
1133	Logging	4,160	3,710	-450	-10.82	-1.14	-1.34	5.70
3371	Household and Institutional Furniture and Kitchen Cabinet Manufacturing	5,830	6,310	480	8.23	0.79	-0.33	1.78



# Major Forest Products Regions

## Forest Products 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