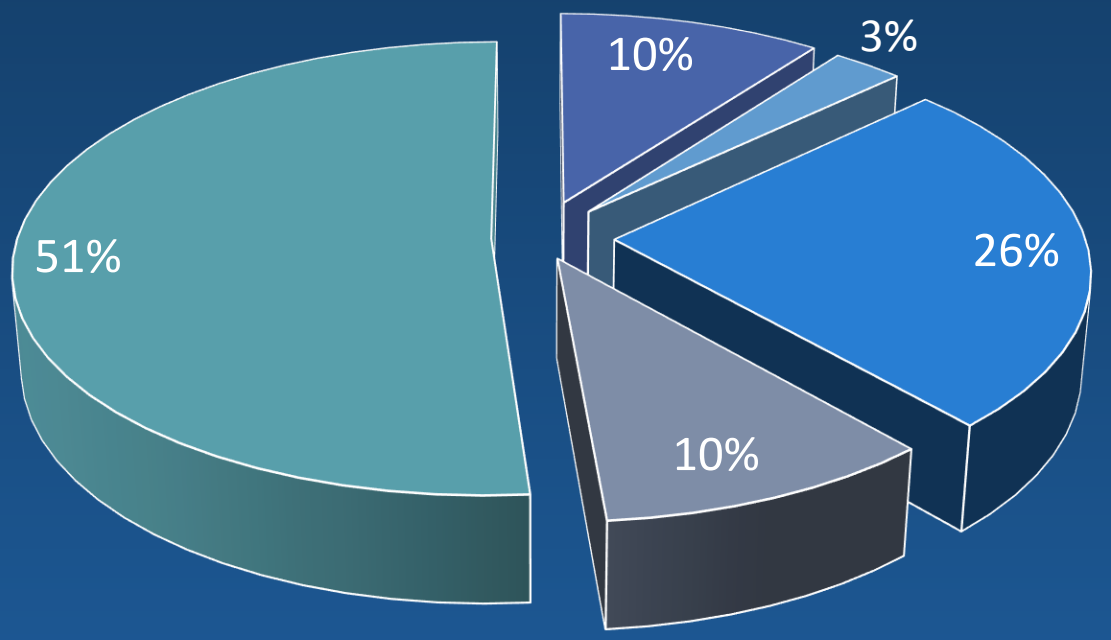
Accelerate Alabama Automotive

Alabama Department of Labor

Labor Market Information Division

Alabama Automotive Employment by Industry Sectors



- Rubber Product Manufacturing
- Engine, Turbine, and Power Transmission Equipment Manufacturing
- Motor Vehicle Manufacturing
- Motor Vehicle Body and Trailer Manufacturing
- Motor Vehicle Parts Manufacturing

Source: Quarterly Census of Employment and Wages, 2014 Annual Average

Alabama Automotive Industry Overview

Sector	# of Companies	# Employed
Rubber Product Manufacturing	45	4,777
Engine, Turbine, and Power Transmission Equipment Manufacturing	16	1,280
Motor Vehicle Manufacturing	12	11,890
Motor Vehicle Body and Trailer Manufacturing	42	4,712
Motor Vehicle Parts Manufacturing	164	23,913

Source: Quarterly Census of Employment and Wages, 2014 Annual Average

Rubber Product Manufacturing

3262 Rubber Product Manufacturing

This industry group comprises establishments primarily engaged in processing natural, synthetic, or reclaimed rubber materials into intermediate or final products using processes, such as vulcanizing, cementing, molding, extruding, and lathe-cutting.

45 companies; 4,777 employed;
10% of Automotive Industry Employment

# of Employees	% of Companies
1-49	71%
50-99	11%
100-249	9%
250+	9%

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

Top 5 Job Categories:

- 39% Tire Builders
- 12% Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
- 5% Industrial Machinery Mechanics
- 5% Team Assemblers
- 4% Inspectors, Testers, Sorters, Samplers, and Weighers

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.

Rubber Product Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	*	$1,879	$1,465	*
2 – 3 Years	*	$1,500	*	*
4 – 5 Years	*	$2,713	$2,477	*
6 – 10 Years	317	$2,835	$2,096	5.7%
11+ Years	3,852	$4,427	$2,981	3.5%
All Firm Ages	4,185	$4,309	$2,896	3.7%

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.*

Engine, Turbine, and Power Transmission Equipment Manufacturing

3336 Engine, Turbine, and Power Transmission Equipment Manufacturing

This industry comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive gasoline and aircraft).

16 companies; 1,280 employed;
3% of Automotive Industry Employment

# of Employees	% of Companies
1-49	69%
50-99	0%
100-249	20%
250+	11%

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

Top 5 Job Categories:

- 66% Engine and Other Machine Assemblers
- 12% Machinists
- 6% Team Assemblers
- 3% Mechanical Engineers
- 1% Shipping, Receiving, and Traffic Clerks

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.

Engine, Turbine, and Power Transmission Equipment Manufacturing

Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	*	$1,004	*	*
2 – 3 Years	*	$3,522	$1,577	*
4 – 5 Years	*	$3,307	$2,996	*
6 – 10 Years	*	$2,326	*	*
11+ Years	1,245	$4,721	$4,003	4.8%
All Firm Ages	1,264	$4,693	$3,761	4.9%

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

Motor Vehicle Manufacturing

3361: Motor Vehicle Manufacturing: 33611 Automobile and Light Duty Motor Vehicle Manufacturing: This industry comprises establishments primarily engaged in (1) manufacturing complete automobile and light duty motor vehicles (i.e., body and chassis or uni-body) or (2) manufacturing chassis only. **33612 Heavy Duty Truck Manufacturing**: This industry comprises establishments primarily engaged in (1) manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or (2) manufacturing heavy duty truck chassis only.

12 companies; 11,890 employed;
26% of Automotive Industry Employment

# of Employees	% of Companies
1-49	58%
50-99	0%
100-249	0%
250+	42%

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

Top 5 Job Categories:

- 69% Team Assemblers
- 5% Industrial Engineers
- 4% Industrial Machinery Mechanics
- 1% Computer-Controlled Machine Tool Operators, Metal and Plastic
- 1% Purchasing Agents, Except Wholesale, Retail, and Farm Products

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.

Motor Vehicle Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	*	*	*	*
2 – 3 Years	*	*	*	*
4 – 5 Years	*	*	*	*
6 – 10 Years	*	$7,281	*	*
11+ Years	12,907	$7,289	$5,528	2.4%
All Firm Ages	12,924	$7,288	$5,296	2.4%

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.*

Motor Vehicle Body and Trailer Manufacturing

3362 Motor Vehicle Body and Trailer Manufacturing This industry comprises establishments primarily engaged in (1) manufacturing motor vehicle bodies and cabs or (2) manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis. The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles. Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

42 companies; 4,712 employed;
10% of Automotive Industry Employment

# of Employees	% of Companies
1-49	62%
50-99	10%
100-249	20%
250+	8%

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

Top 5 Job Categories:

- 24% Team Assemblers
- 13% Assemblers and Fabricators, All Other
- 8% Welders, Cutters, Solderers, and Brazers
- 4% Inspectors, Testers, Sorters, Samplers, and Weighers
- 4% Laborers and Freight, Stock, and Material Movers, Hand

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.

Motor Vehicle Body and Trailer Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	124	$3,532	$3,335	2.5%
2 – 3 Years	*	$2,348	$2,240	*
4 – 5 Years	*	*	*	*
6 – 10 Years	189	$3,914	$3,057	12.6%
11+ Years	4,016	$3,808	$2,904	5.7%
All Firm Ages	4,278	$3,805	$2,920	6.0%

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.*

Motor Vehicle Parts Manufacturing

33631 Motor Vehicle Gasoline Engine and Engine Parts Manufacturing: This industry comprises establishments primarily engaged in (1) manufacturing and/or rebuilding motor vehicle gasoline engines and engine parts and/or (2) manufacturing and/or rebuilding carburetors, pistons, piston rings, and engine valves, whether or not for vehicular use. **33632:Motor Vehicle Electrical and Electronic Equipment Manufacturing:** This industry comprises establishments primarily engaged in manufacturing and/or rebuilding electrical and electronic equipment for motor vehicles and internal combustion engines. The products made can be used for all types of transportation equipment (i.e., aircraft, automobiles, trucks, trains, ships) or stationary internal combustion engine applications.

164 companies; 23,913 employed;
51% of Automotive Industry Employment

# of Employees	% of Companies
1-49	49%
50-99	13%
100-249	14%
250+	24%

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

Top 5 Job Categories:

- 28% Team Assemblers
- 10% Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
- 4% Inspectors, Testers, Sorters, Samplers, and Weighers
- 4% Engine and Other Machine Assemblers
- 3% Industrial Machinery Mechanics

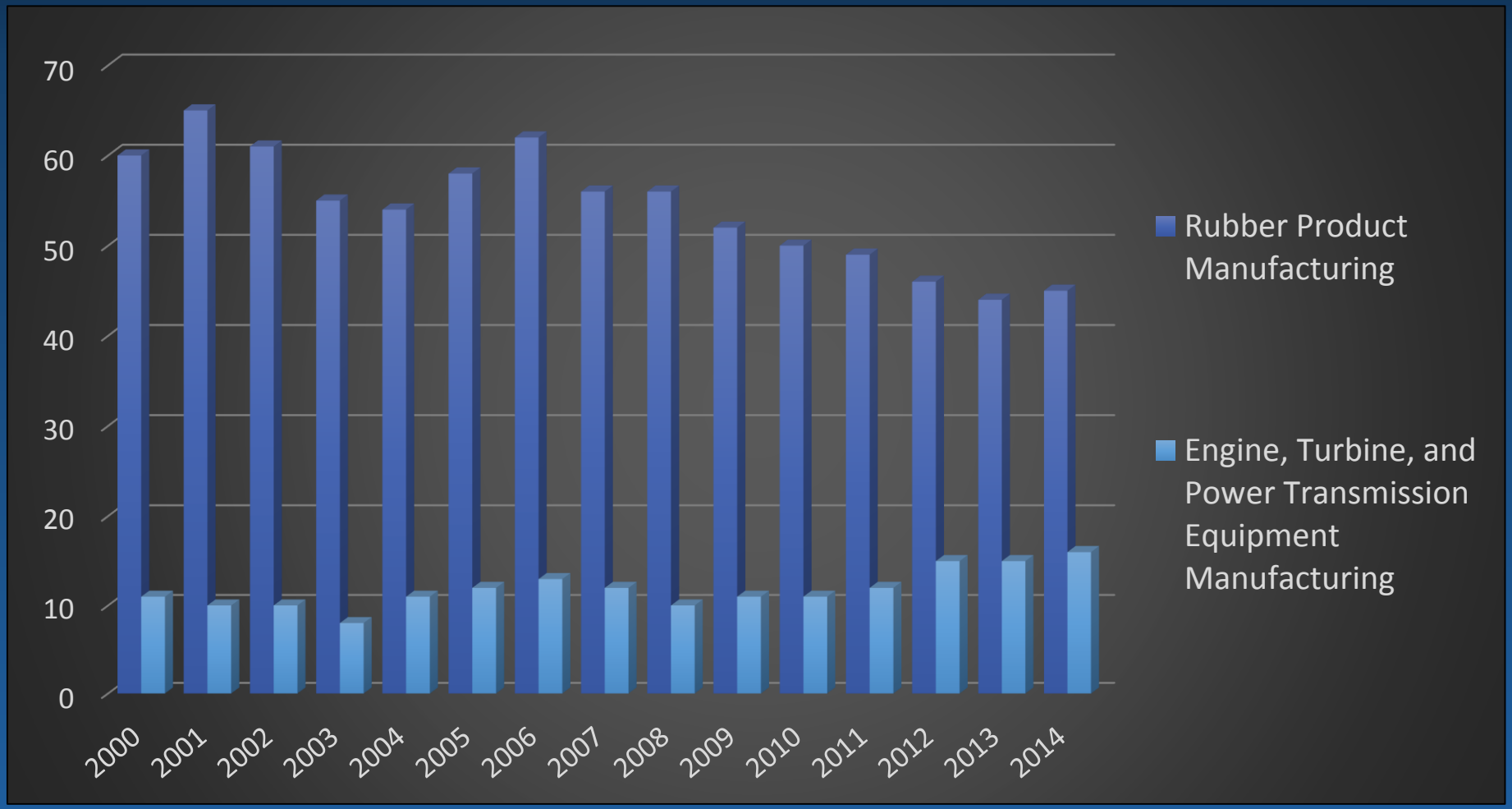
Source: 2015 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.

Motor Vehicle Parts Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	361	$3,247	$2,711	*
2 – 3 Years	253	$3,436	$2,671	10.2%
4 – 5 Years	147	$3,316	$2,865	7.3%
6 – 10 Years	4,892	$3,412	$2,617	9.6%
11+ Years	15,986	$3,893	$2,954	5.9%
All Firm Ages	21,639	$3,762	$2,830	6.9%

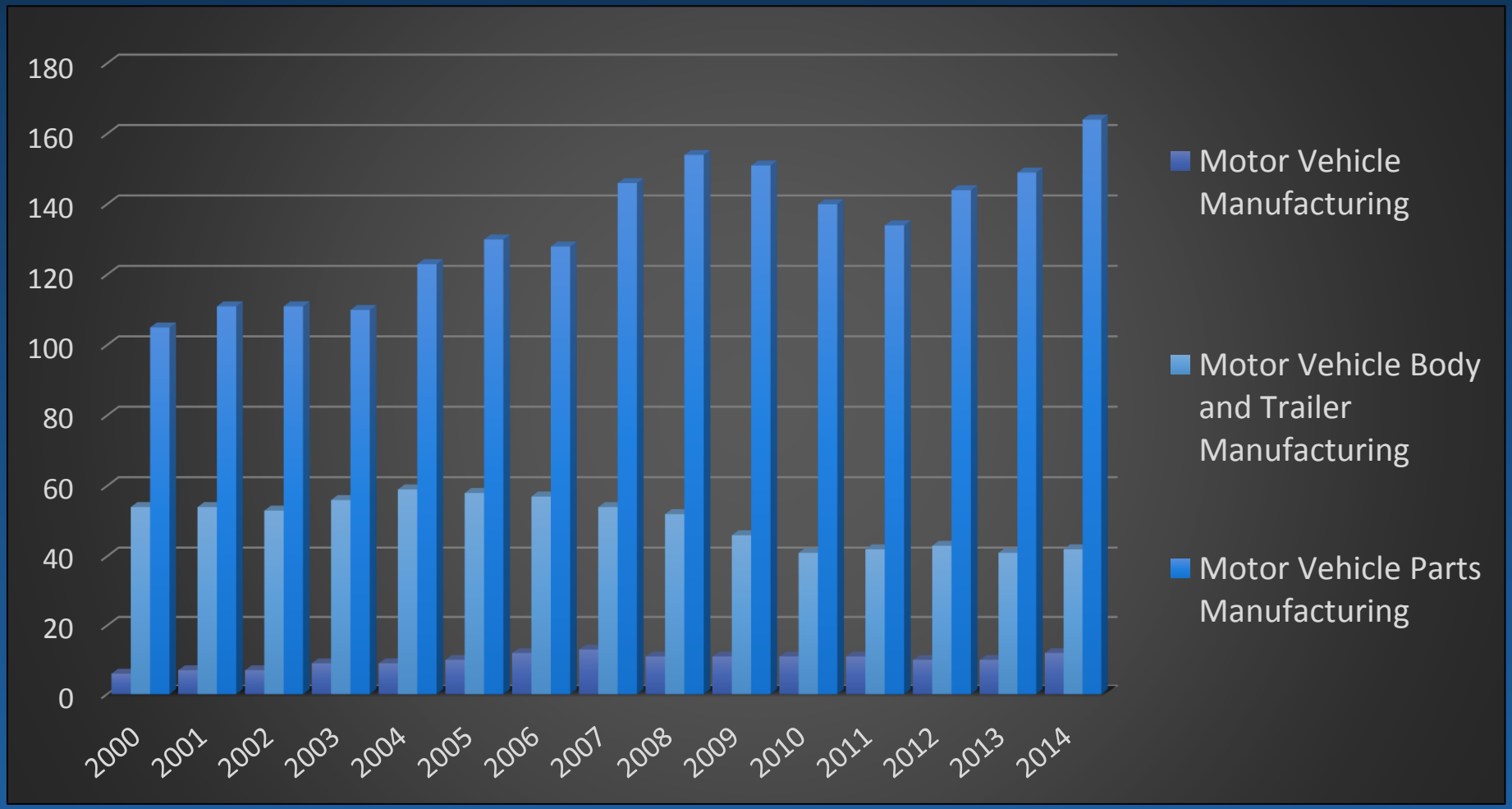
Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2014 annual average data shown. **Data not available or marked confidential. Note: Data may not add due to rounding.*

Development of Alabama's Automotive Industry by Company



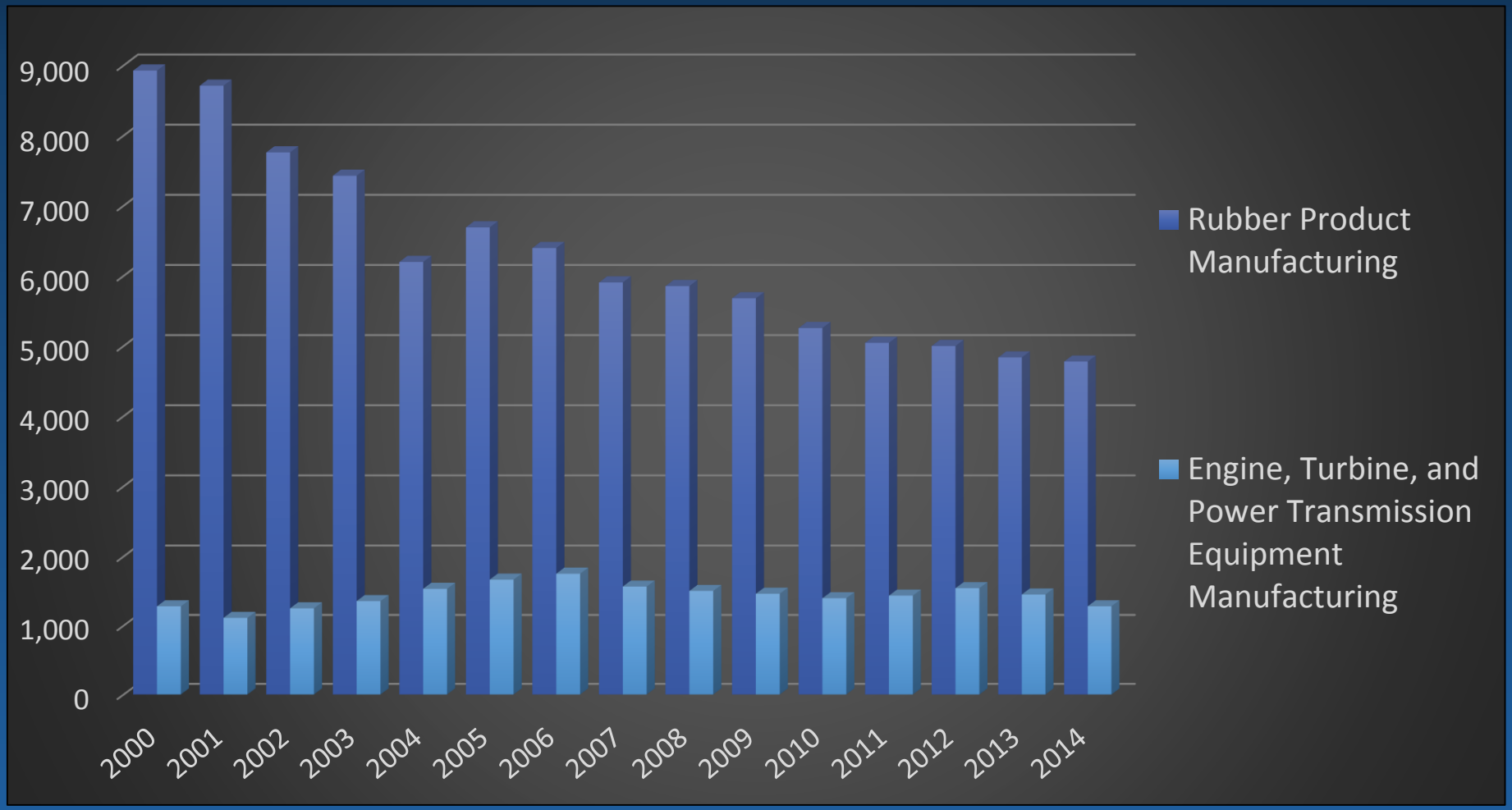
Source: Alabama Department of Labor, Quarterly Census of Employment and Wages.

Development of Alabama's Automotive Industry by Company



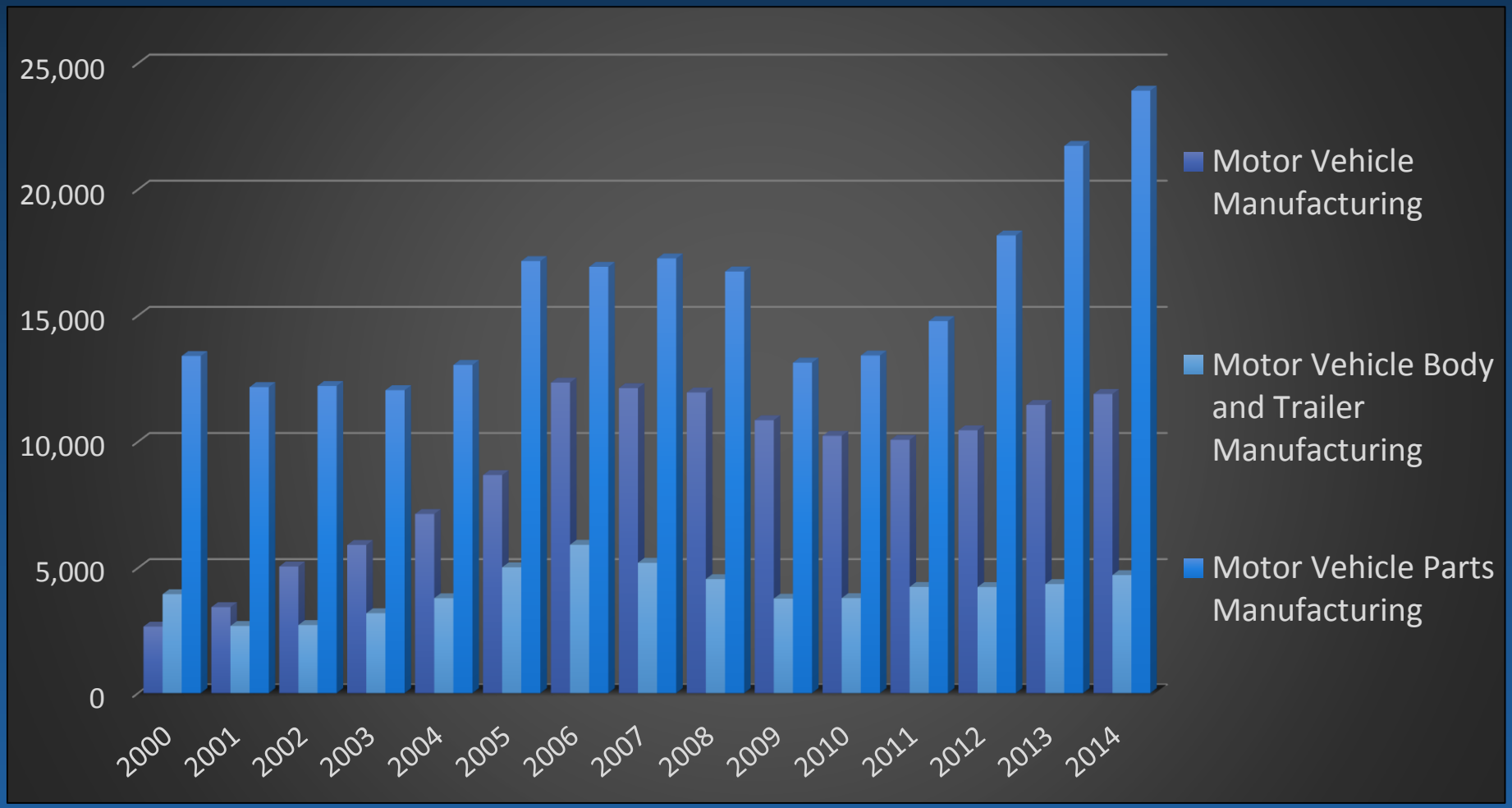
Source: Alabama Department of Labor, Quarterly Census of Employment and Wages.

Development of Alabama's Automotive Industry by Employment



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

Development of Alabama's Automotive Industry by Employment



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

Top Occupations for Automotive by Rounded Employment

Occupations	# of Jobs	% of Total
Team Assemblers	16,260	35%
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,530	5%
Tire Builders	1,870	4%
Engine and Other Machine Assemblers	1,850	4%
Industrial Machinery Mechanics	1,580	3%
Inspectors, Testers, Sorters, Samplers, and Weighers	1,540	3%
Assemblers and Fabricators, All Other	1,080	2%
Industrial Engineers	980	2%
Computer-Controlled Machine Tool Operators, Metal and Plastic	820	2%
Remaining Occupations	18,060	49%

Source: 2015 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.*

Alabama Department of Labor

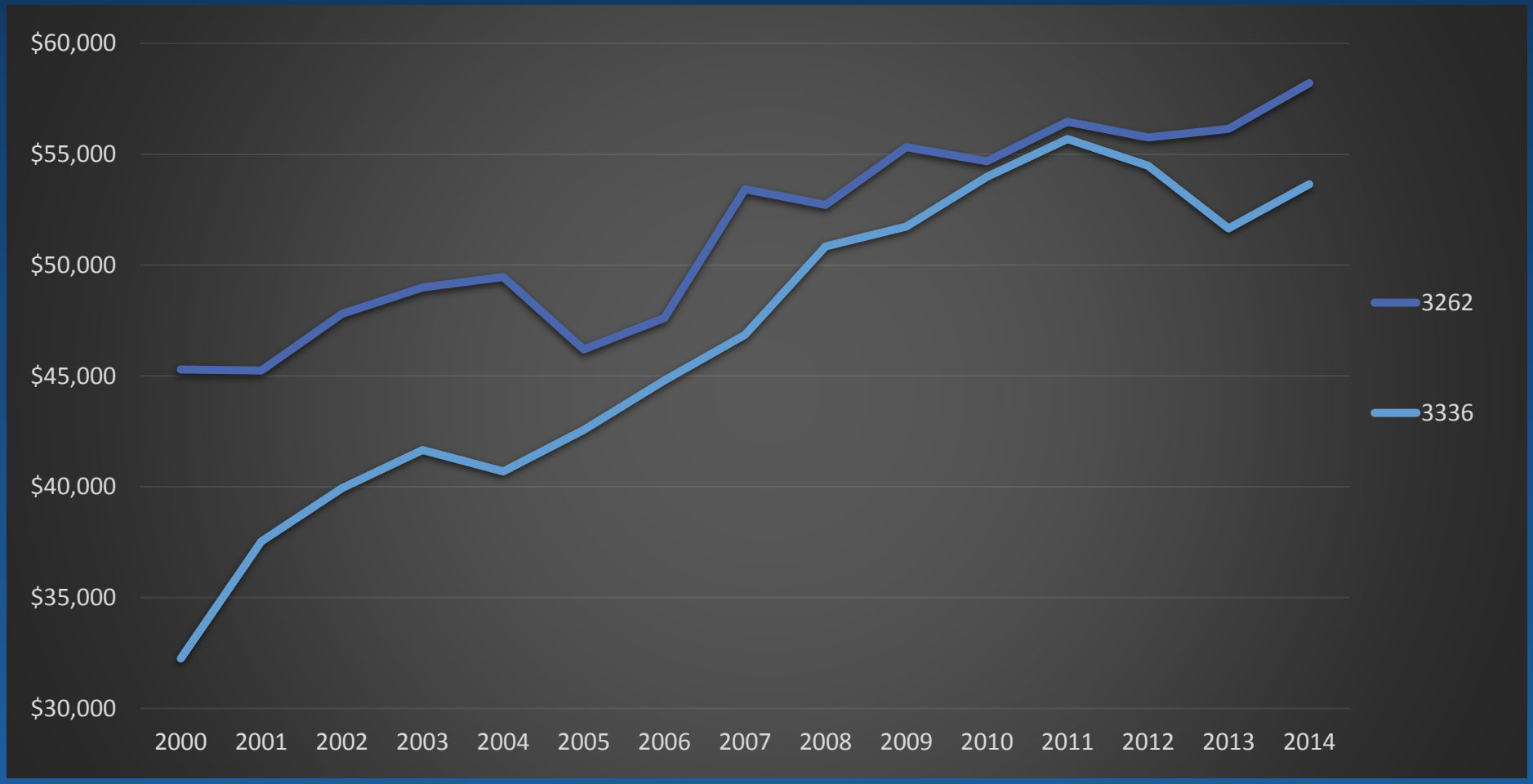
Labor Market Information
James Henry, Division Director

Wage Information
Top 10 by Rounded Occupational Employment

Occupation	Rounded Emp.	Mean Hourly	Mean Annual	Entry Hourly	Entry Annual	Experience Hourly	Experience Annual
Team Assemblers	16,260	$17.23	$35,854	$10.55	$21,932	$20.58	$42,805
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,530	$15.26	$31,731	$10.18	$21,181	$17.80	$37,016
Tire Builders	1,870	$24.65	$51,277	$17.80	$37,026	$28.08	$58,392
Engine and Other Machine Assemblers	1,850	$18.63	$38,753	$12.90	$26,847	$21.50	$44,717
Industrial Machinery Mechanics	1,580	$25.12	$52,244	$16.88	$35,128	$29.23	$60,808
Inspectors, Testers, Sorters, Samplers, and Weighers	1,540	$15.84	$32,965	$9.63	$20,040	$18.96	$39,432
Assemblers and Fabricators, All Other	1,080	$12.49	$25,983	$8.49	$17,665	$14.49	$30,137
Industrial Engineers	980	$43.43	$90,353	$29.88	$62,138	$50.22	$104,460
Computer-Controlled Machine Tool Operators, Metal and Plastic	820	$17.36	$36,111	$12.47	$25,932	$19.80	$41,190
Welders, Cutters, Solderers, and Brazers	690	$18.34	$38,157	$12.91	$26,867	$21.06	$43,802

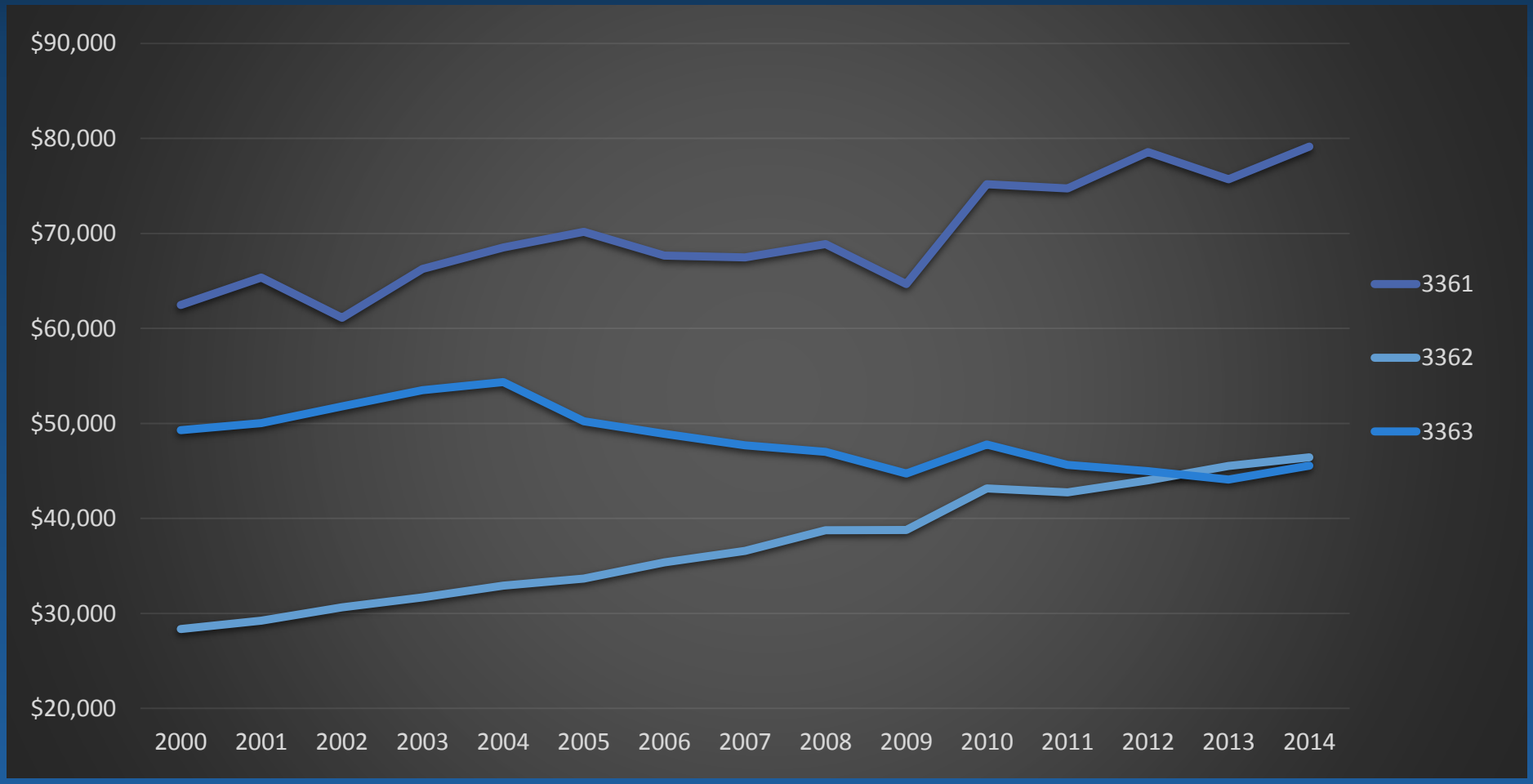
Source: 2015 release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics; wage data aged using the most current Employment Cost Index (ECI) factors. Annual wage information rounded to the nearest whole dollar. *Note: Data reflects wages across all industries, not specifically to respective industry cluster.*

Wage Information
Total Wages by NAICS Code 2000-2014



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

Wage Information
Total Wages by NAICS Code 2000-2014



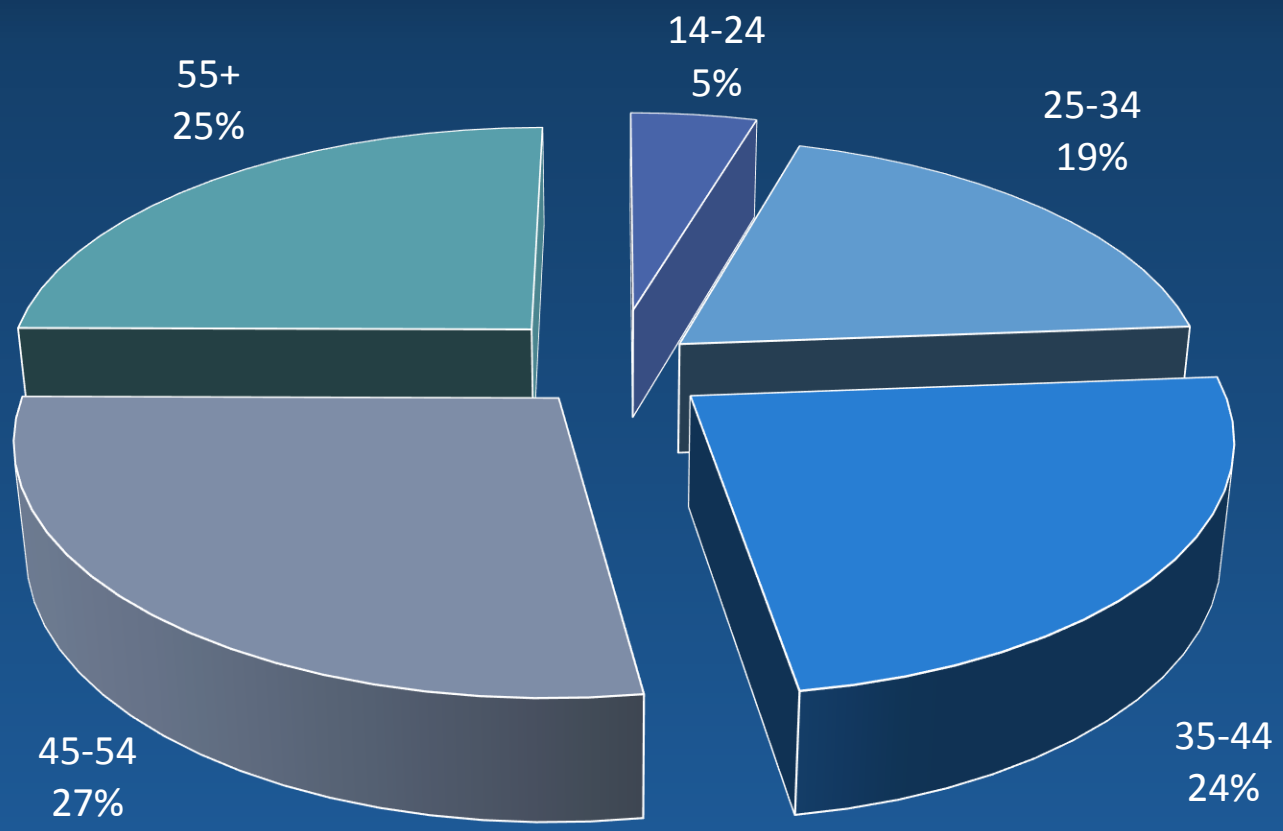
Source: Alabama Department of Labor, Quarterly Census of Employment and Wages

2014 Quarterly Workforce Indicators

NAICS	Industry	Average Turnover Rate	Average Job Gains	Average Net Job Flows	Average Monthly Earnings	Average Monthly Earnings – New Hires
3262	Rubber Product Manufacturing	3.7%	51	4	$4,309	$2,896
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing	4.9%	11	-70	$4,693	$3,761
3361	Motor Vehicle Manufacturing	2.4%	203	160	$7,288	$5,295
3362	Motor Vehicle Body and Trailer Manufacturing	6.0%	134	93	$3,805	$2,920
3363	Motor Vehicle Parts Manufacturing	6.9%	758	509	$3,762	$2,830

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. ** Data is confidential due to relative standard error (RSE).

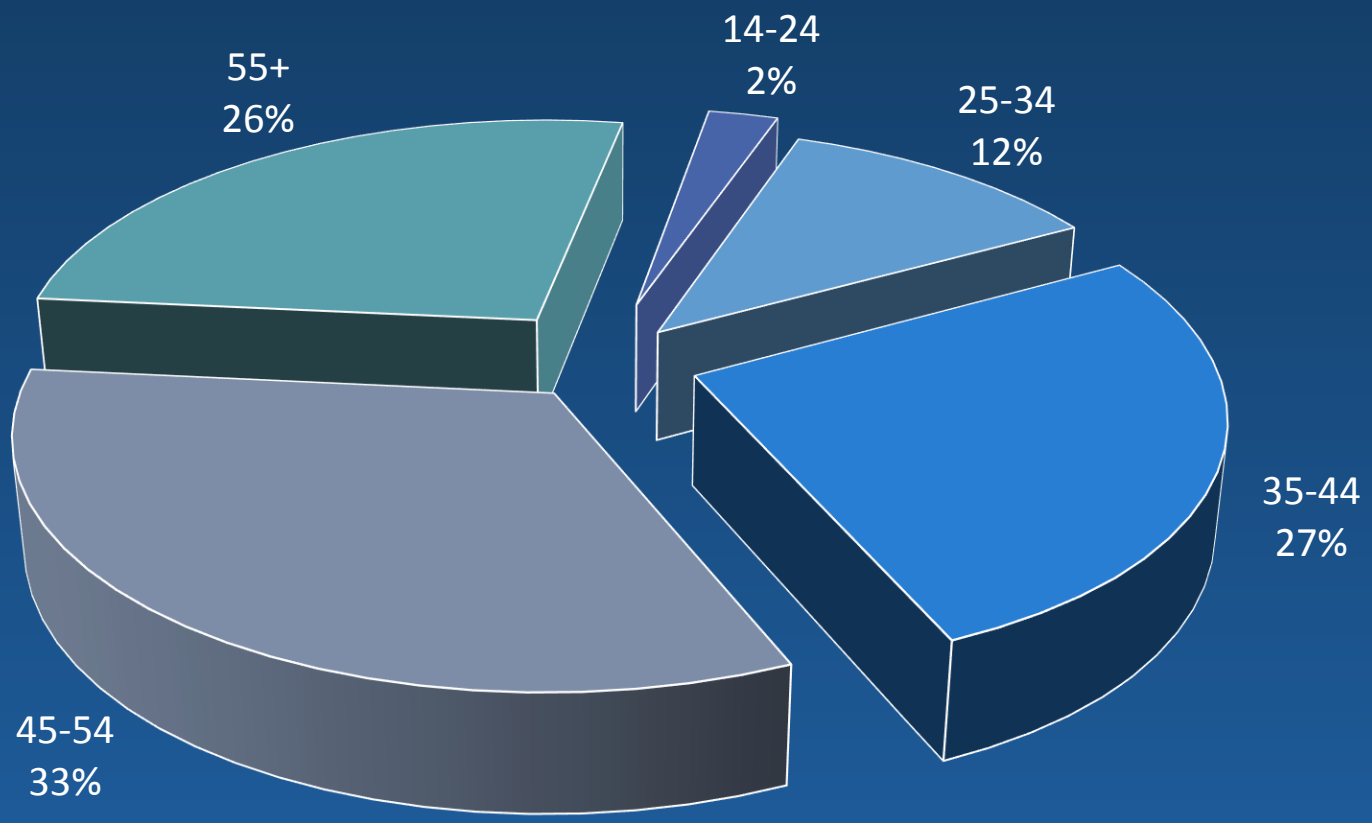
3262 Rubber Product Manufacturing
2014 Average Annual Employment by Age Group



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.

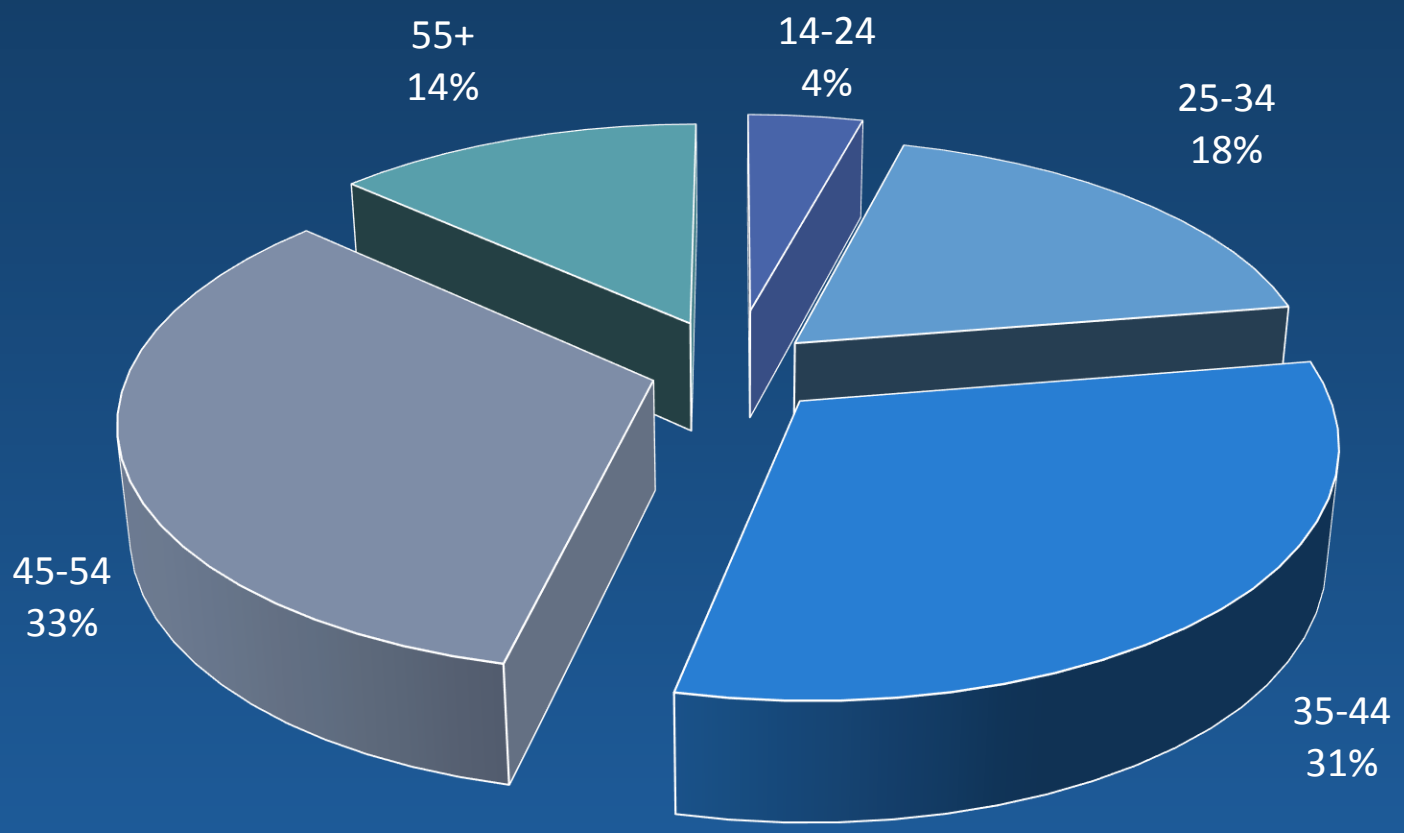
3336 Engine, Turbine, and Power Transmission Equipment Manufacturing

2014 Average Annual Employment by Age Group



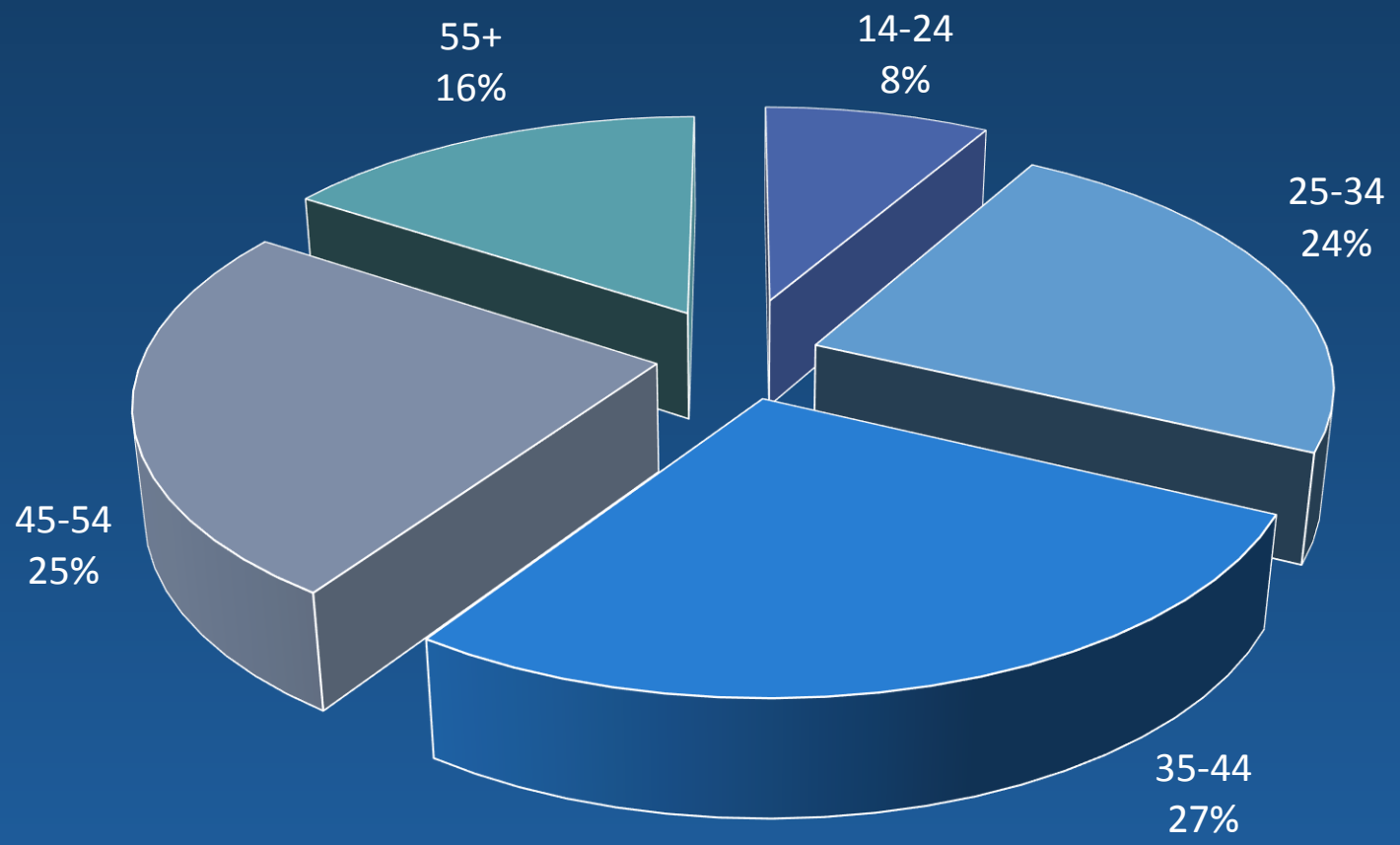
Source: Partnership between the Alabama Department of Labor, Labor Market Information Division and the U.S. Census Bureau, Longitudinal Employment-Household Dynamics (LEHD) Program, Quarterly Workforce Indicators (QWI) data.

3361 Motor Vehicle Manufacturing
2014 Average Annual Employment by Age Group



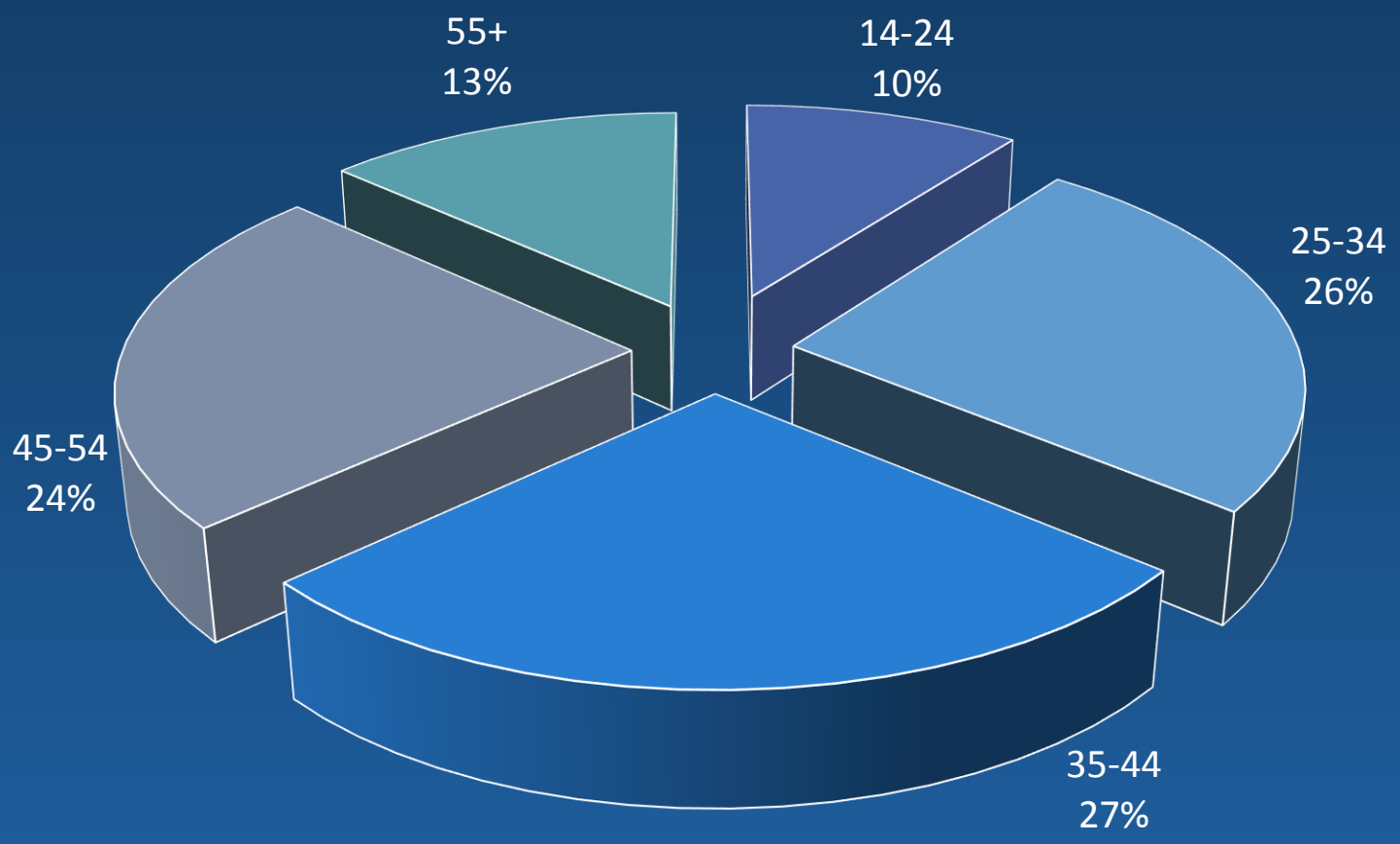
Source: Partnership between the Alabama Department of Labor, Labor Market Information Division and the U.S. Census Bureau, Longitudinal Employment-Household Dynamics (LEHD) Program, Quarterly Workforce Indicators (QWI) data.

3362 Motor Vehicle Body and Trailer Manufacturing
2014 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.

3363 Motor Vehicle Parts Manufacturing
2014 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
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
3262	Rubber Product Manufacturing	4,780	5,150	370	7.74	0.75	-1.73	2.58
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing	1,280	1,120	-160	-12.5	-1.33	0.26	0.89
3361	Motor Vehicle Manufacturing	11,890	16,490	4,600	38.69	3.32	-0.36	4.29
3362	Motor Vehicle Body and Trailer Manufacturing	4,710	6,140	1,430	30.36	2.69	-0.29	2.40
3363	Motor Vehicle Parts Manufacturing	23,910	33,050	9,140	38.23	3.29	-0.43	3.20

Source: 2014-2024 Industry Projections, produced by the Labor Market Information Division in cooperation with the Projections Managing Partnership (PMP).

Major Automotive Regions

Automotive 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