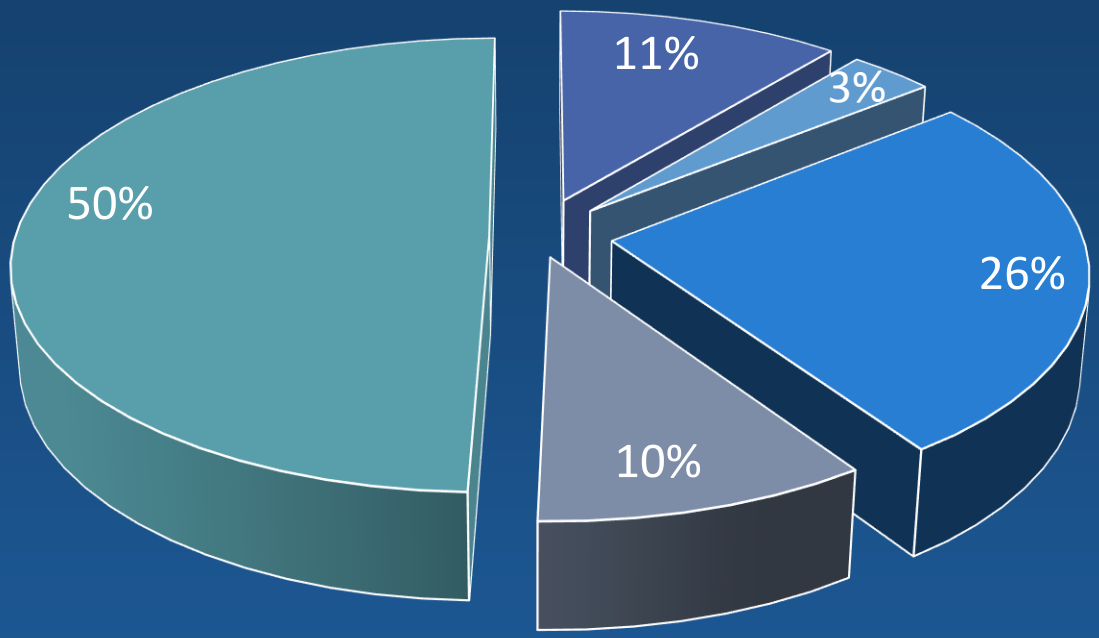
Accelerate Alabama Automotive

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, 2013 Annual Average

Alabama Automotive Industry Overview

Sector	# of Companies	# Employed
Rubber Product Manufacturing	44	4,836
Engine, Turbine, and Power Transmission Equipment Manufacturing	15	1,451
Motor Vehicle Manufacturing	10	11,456
Motor Vehicle Body and Trailer Manufacturing	41	4,351
Motor Vehicle Parts Manufacturing	149	21,724

Source: Quarterly Census of Employment and Wages, 2013 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.

44 companies; 4,836 employed;
11% of Automotive Industry Employment

# of Employees	% of Companies
1-49	73%
50-99	9%
100-249	11%
250+	7%

Source: Quarterly Census of Employment and Wages, 2013 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: 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.

Rubber Product Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	*	*	*	*
2 – 3 Years	12	$1,735	$1,155	*
4 – 5 Years	*	$2,404	$1,840	*
6 – 10 Years	324	$2,668	$1,927	9.0%
11+ Years	3,909	$4,264	$2,805	3.1%
All Firm Ages	4,255	$4,144	$2,557	3.6%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2013 annual average data shown. **Data not available or marked confidential.*

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).

15 companies; 1,451 employed;
3% of Automotive Industry Employment

# of Employees	% of Companies
1-49	67%
50-99	0%
100-249	20%
250+	13%

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

Top 5 Job Categories:

- 65% Engine and Other Machine Assemblers
- 12% Machinists
- 6% Team Assemblers
- 4% First-Line Supervisors of Production and Operating Workers
- 3% Mechanical Engineers

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.

Engine, Turbine, and Power Transmission Equipment Manufacturing

Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	*	$1,423	$1,273	*
2 – 3 Years	*	$3,395	$1,325	*
4 – 5 Years	*	$3,260	*	*
6 – 10 Years	*	$2,115	*	*
11+ Years	1,407	$4,407	*	2.0%
All Firm Ages	1,425	$4,388	*	2.1%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2013 annual average data shown. **Data not available or marked confidential.*

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.

10 companies; 11,456 employed;
26% of Automotive Industry Employment

# of Employees	% of Companies
1-49	44%
50-99	0%
100-249	0%
250+	56%

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

Top 5 Job Categories:

- 69% Team Assemblers
- 8% First-Line Supervisors of Production and Operating Workers
- 5% Industrial Engineers
- 4% Industrial Machinery Mechanics
- 1% Computer-Controlled Machine Tool Operators, Metal and Plastic

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.

Motor Vehicle Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	28	$4,300	$3,417	7.3%
2 – 3 Years	*	*	*	*
4 – 5 Years	*	*	*	*
6 – 10 Years	*	$6,412	*	*
11+ Years	12,133	$7,020	$5,822	2.0%
All Firm Ages	12,534	$6,919	$5,491	2.1%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2013 annual average data shown. **Data not available or marked confidential.*

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.

41 companies; 4,351 employed;
10% of Automotive Industry Employment

# of Employees	% of Companies
1-49	63%
50-99	10%
100-249	20%
250+	8%

Source: Quarterly Census of Employment and Wages, 2013 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: 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.

Motor Vehicle Body and Trailer Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	146	$3,231	$2,654	5.2%
2 – 3 Years	19	$2,565	$1,795	10.0%
4 – 5 Years	*	$2,282	$1,779	*
6 – 10 Years	150	$3,337	$2,371	9.1%
11+ Years	3,631	$3,690	$2,742	5.5%
All Firm Ages	3,914	$3,671	$2,706	5.7%

Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2013 annual average data shown. **Data not available or marked confidential.*

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.

149 companies; 21,724 employed;
50% of Automotive Industry Employment

# of Employees	% of Companies
1-49	47%
50-99	12%
100-249	19%
250+	23%

Source: Quarterly Census of Employment and Wages, 2013 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
- 5% First-Line Supervisors of Production and Operating Workers
- 4% Inspectors, Testers, Sorters, Samplers, and Weighers
- 4% Engine and Other Machine Assemblers

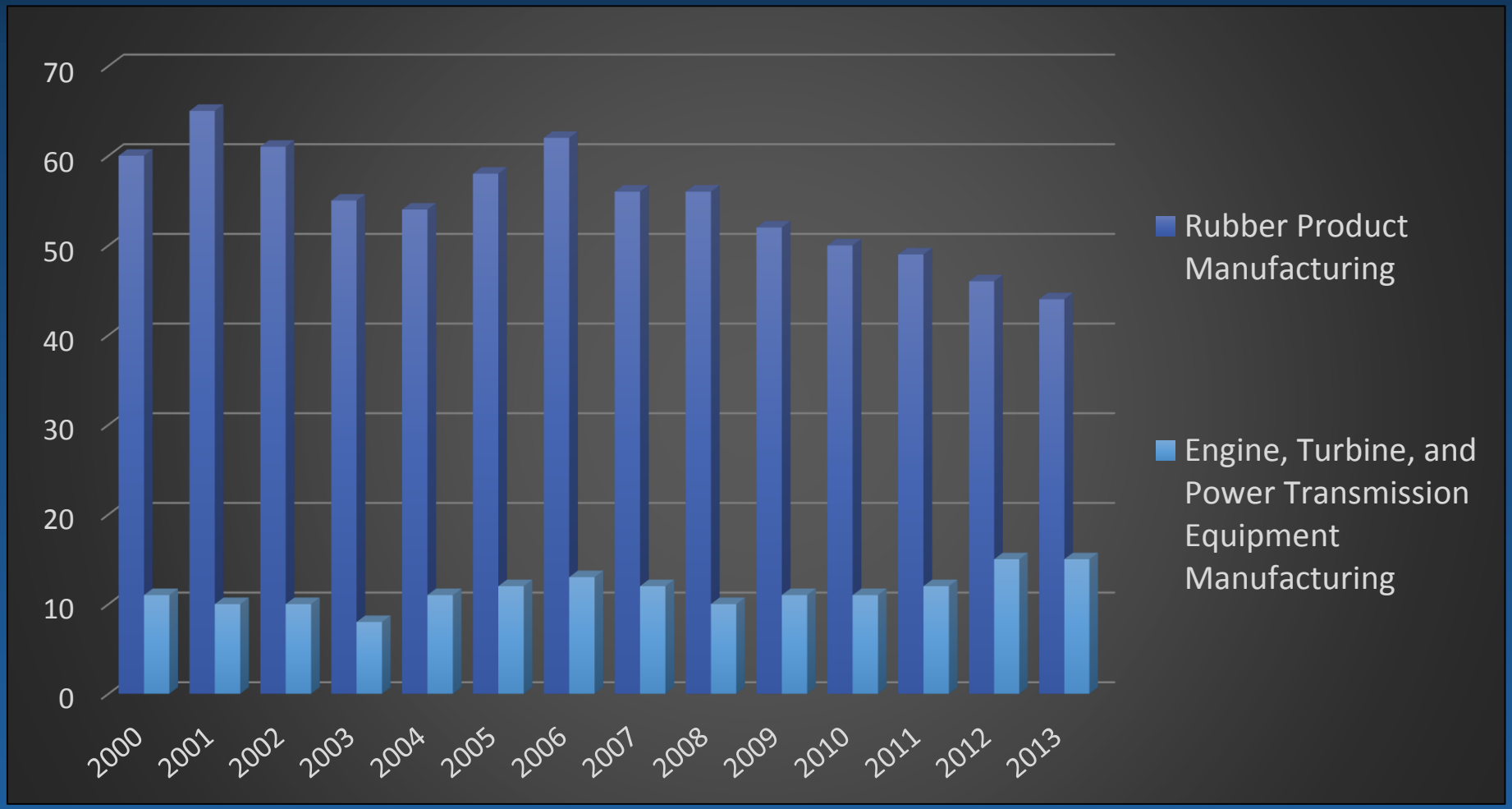
Source: 2014 Release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.

Motor Vehicle Parts Manufacturing
Firm Age Workforce Indicators

Firm Age	Employment	Monthly Earnings	Monthly Earnings New Hires	Turnover
0 – 1 Year	190	$3,108	*	*
2 – 3 Years	228	$3,376	$2,671	9.2%
4 – 5 Years	756	$3,642	$2,945	7.9%
6 – 10 Years	4,627	$3,396	$2,602	9.3%
11+ Years	14,001	$3,769	$2,972	6.4%
All Firm Ages	19,800	$3,665	$2,859	7.3%

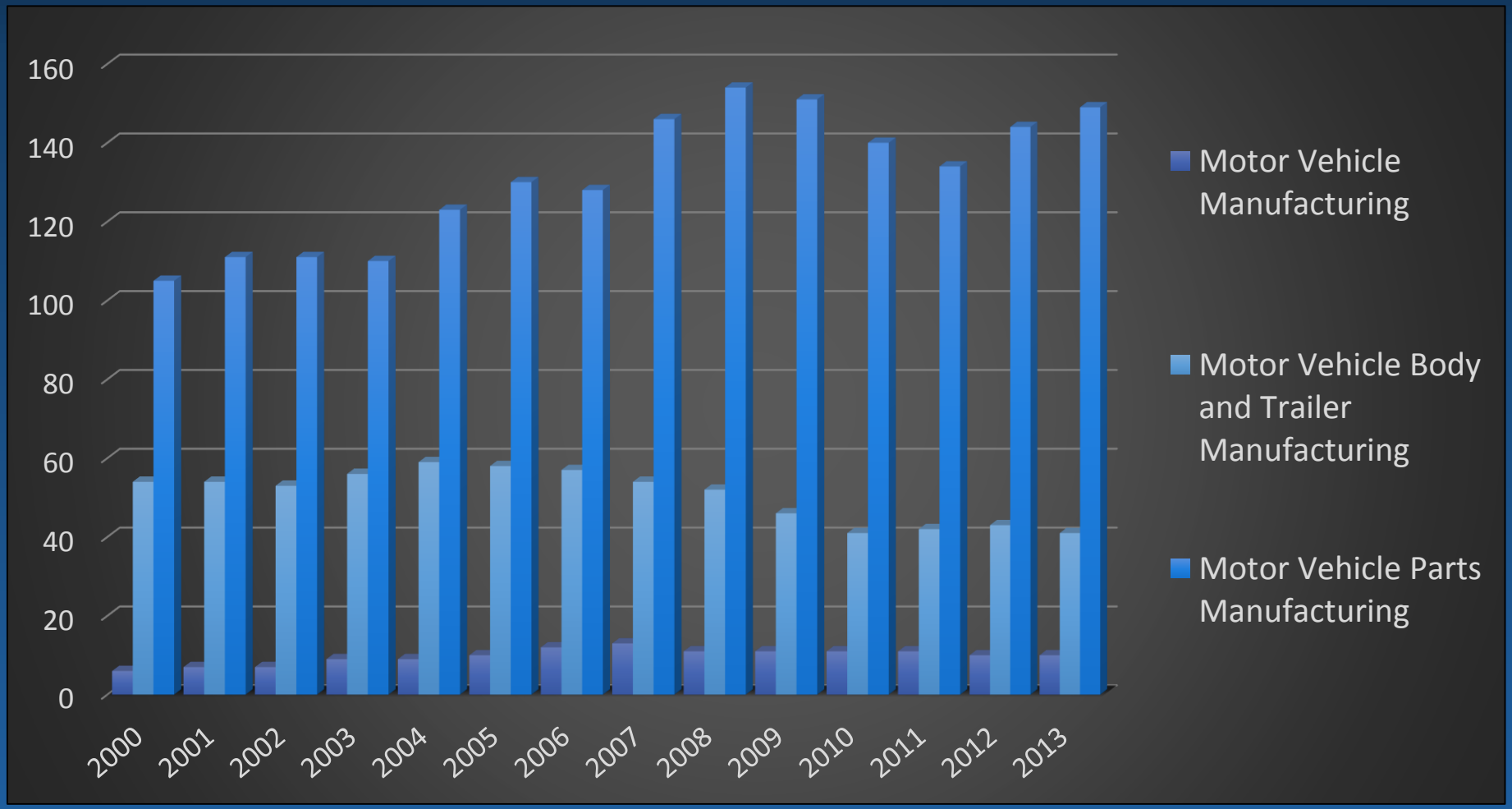
Source: Local Employment Household Dynamics Partnership between Alabama Department of Labor, Labor Market Information Division, and the U.S. Census Bureau, LED Extraction Tool; 2013 annual average data shown. **Data not available or marked confidential.*

Development of Alabama's Automotive Industry by Company



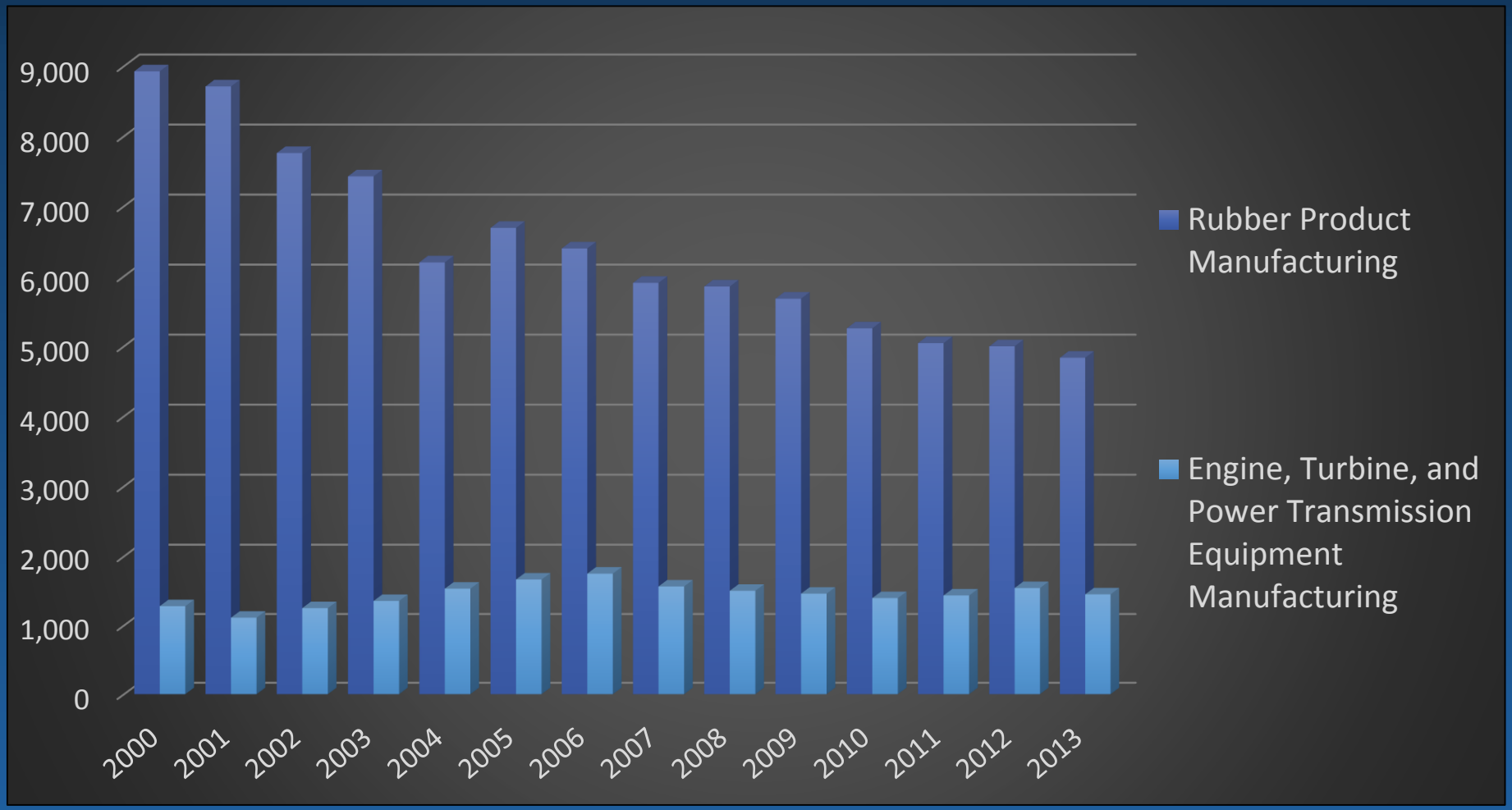
Source: Alabama Department of Labor, Quarterly Census of Employment and Wages.

Development of Alabama's Automotive Industry by Company



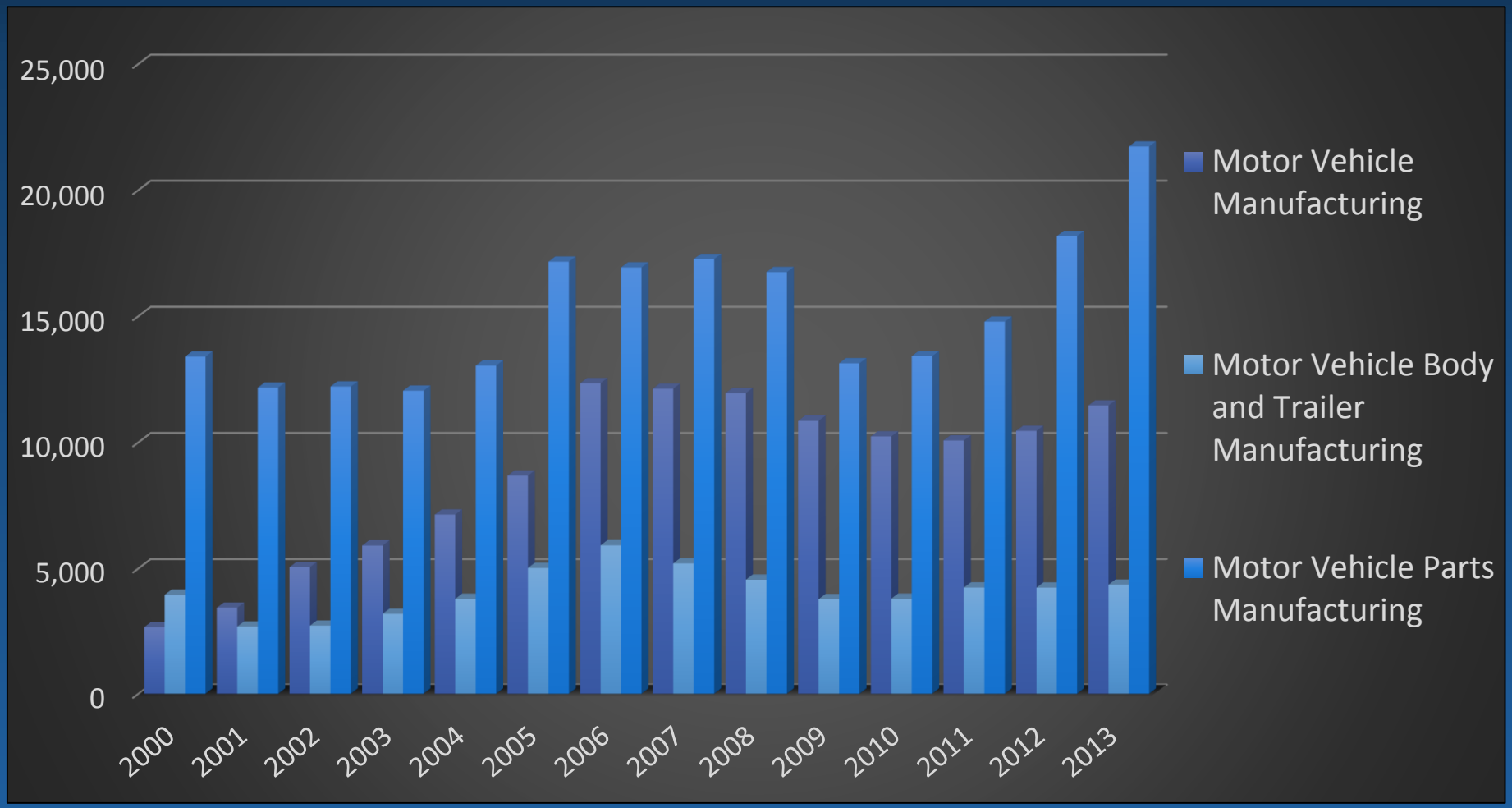
Source: Alabama Department of Labor, Quarterly Census of Employment and Wages.

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	13,580	34%
First-Line Supervisors of Production and Operating Workers	1,970	5%
Tire Builders	1,960	5%
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,950	5%
Engine and Other Machine Assemblers	1,770	4%
Industrial Machinery Mechanics	1,340	3%
Inspectors, Testers, Sorters, Samplers, and Weighers	1,270	3%
Assemblers and Fabricators, All Other	900	2%
Industrial Engineers	830	2%
Remaining Occupations	13,830	35%

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.*

Alabama Department of Labor

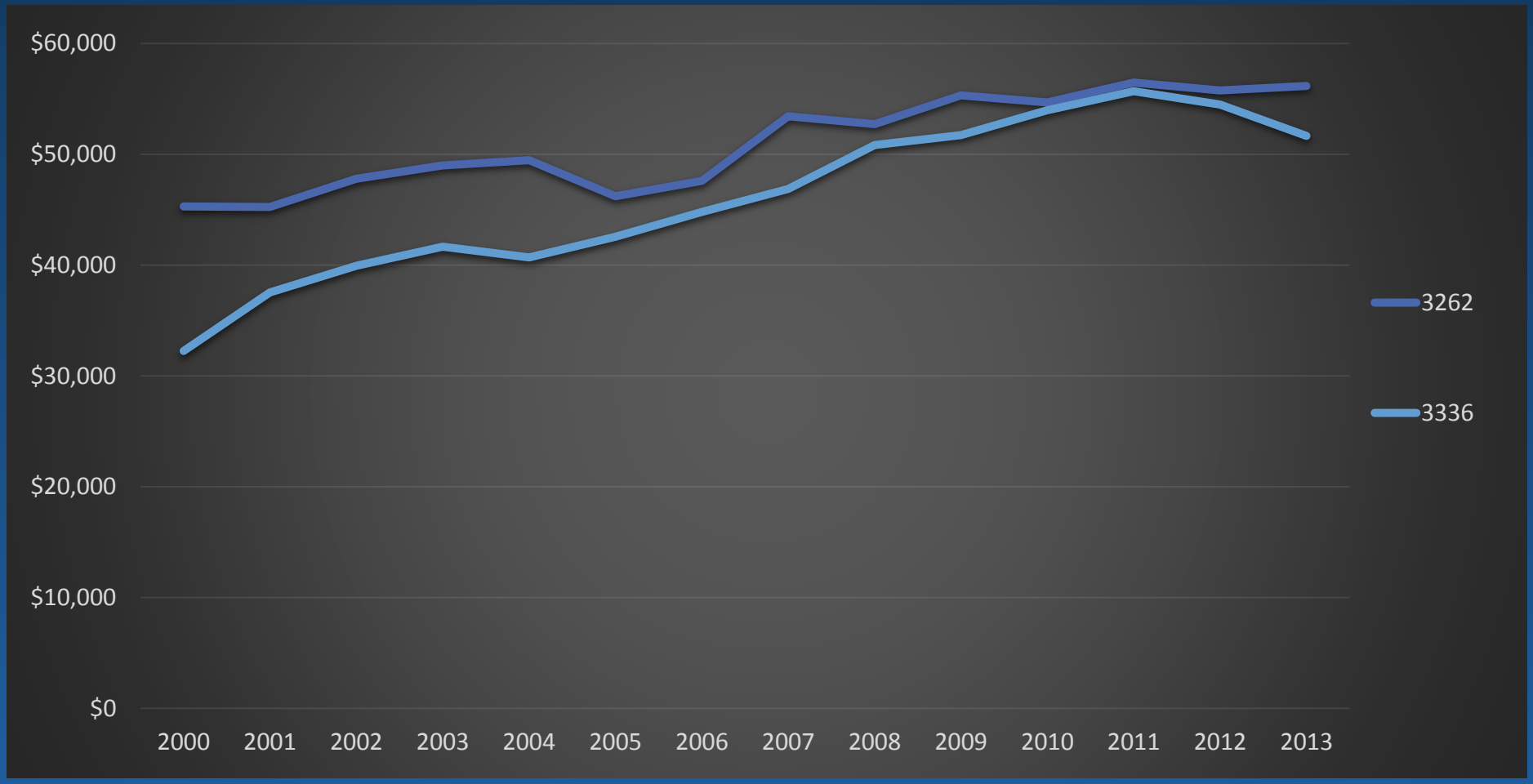
Labor Market Information
James Henry, Division Director

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	13,580	$16.85	$35,063	$10.09	$20,989	$20.24	$42,100
First-Line Supervisors of Production and Operating Workers	1,970	$27.07	$56,294	$16.86	$35,083	$32.17	$66,910
Tire Builders	1,960	$23.37	$48,600	$16.49	$34,304	$26.80	$55,749
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,950	$14.67	$30,523	$9.80	$20,362	$17.12	$35,599
Engine and Other Machine Assemblers	1,770	$18.07	$37,590	$12.53	$26,054	$20.85	$43,353
Industrial Machinery Mechanics	1,340	$24.00	$49,911	$16.18	$33,644	$27.90	$58,035
Inspectors, Testers, Sorters, Samplers, and Weighers	1,270	$15.42	$32,060	$9.35	$19,452	$18.45	$38,369
Assemblers and Fabricators, All Other	900	$11.39	$23,699	$8.26	$17,188	$12.96	$26,954
Industrial Engineers	830	$40.72	$84,699	$28.86	$60,028	$46.65	$97,039
Computer-Controlled Machine Tool Operators, Metal and Plastic	650	$17.29	$35,952	$12.18	$25,337	$19.84	$41,270

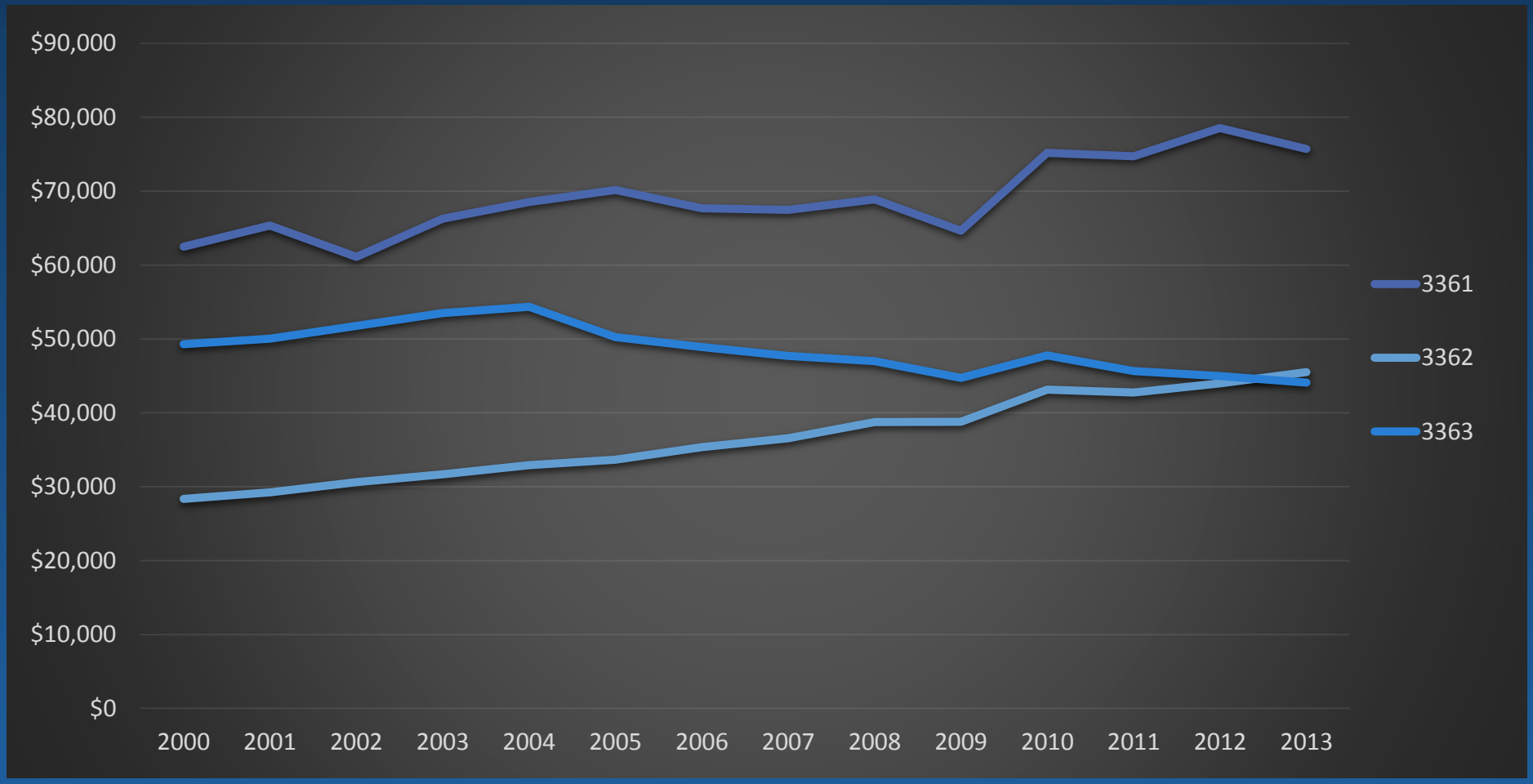
Source: 2014 release of the Occupational Employment Statistics (OES) Report in cooperation with the Bureau of Labor Statistics; wage data aged using the most current Employment Cost Index (ECI) factors. Annual wage information rounded to the nearest whole dollar. *Note: Data reflects wages across all industries, not specifically to respective industry cluster.*

Wage Information
Total Wages by NAICS Code 2000-2013



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

Wage Information
Total Wages by NAICS Code 2000-2013



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

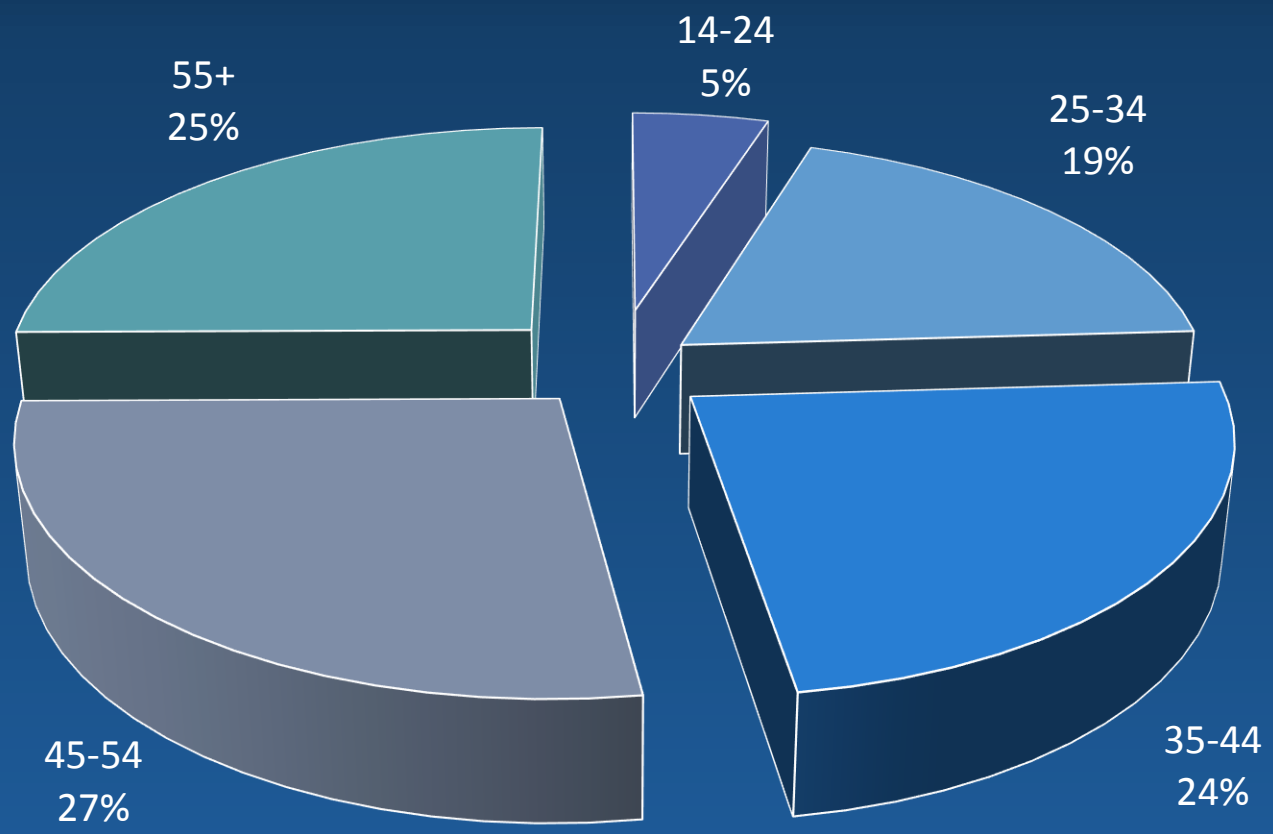
2013 Quarterly Workforce Indicators

NAICS	Industry	Average Turnover Rate	Average Job Gains	Average Net Job Flows	Average Monthly Earnings	Average Monthly Earnings – New Hires
3262	Rubber Product Manufacturing	3.6%	44	-36	$4,149	$2,554
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing	2.1%	8	-20	$4,386	**
3361	Motor Vehicle Manufacturing	2.1%	182	135	$6,918	$5,490
3362	Motor Vehicle Body and Trailer Manufacturing	5.7%	111	9	$3,672	$2,709
3363	Motor Vehicle Parts Manufacturing	7.2%	793	588	$3,684	$2,893

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

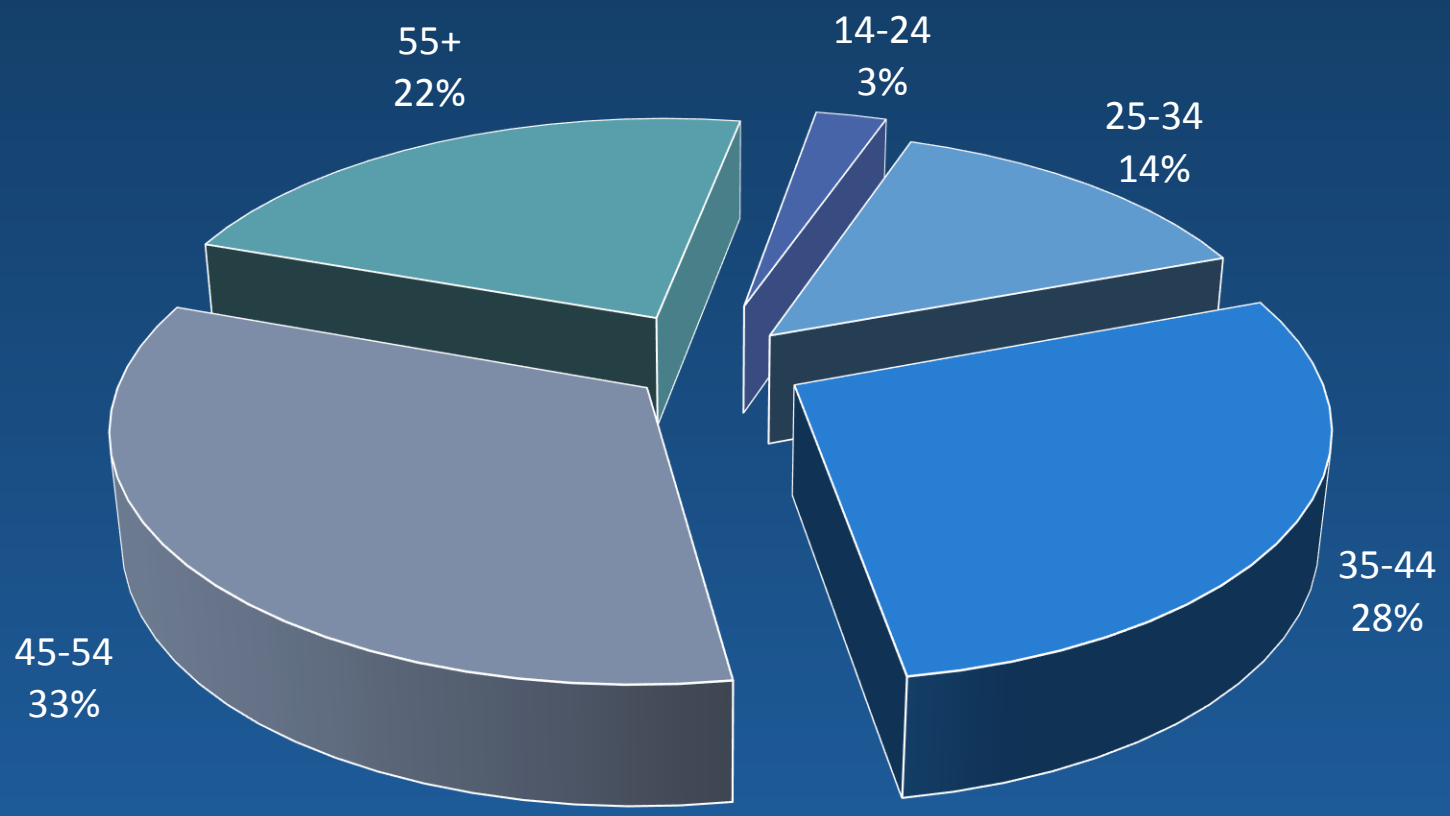
2013 Average Annual Employment by Age Group



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.

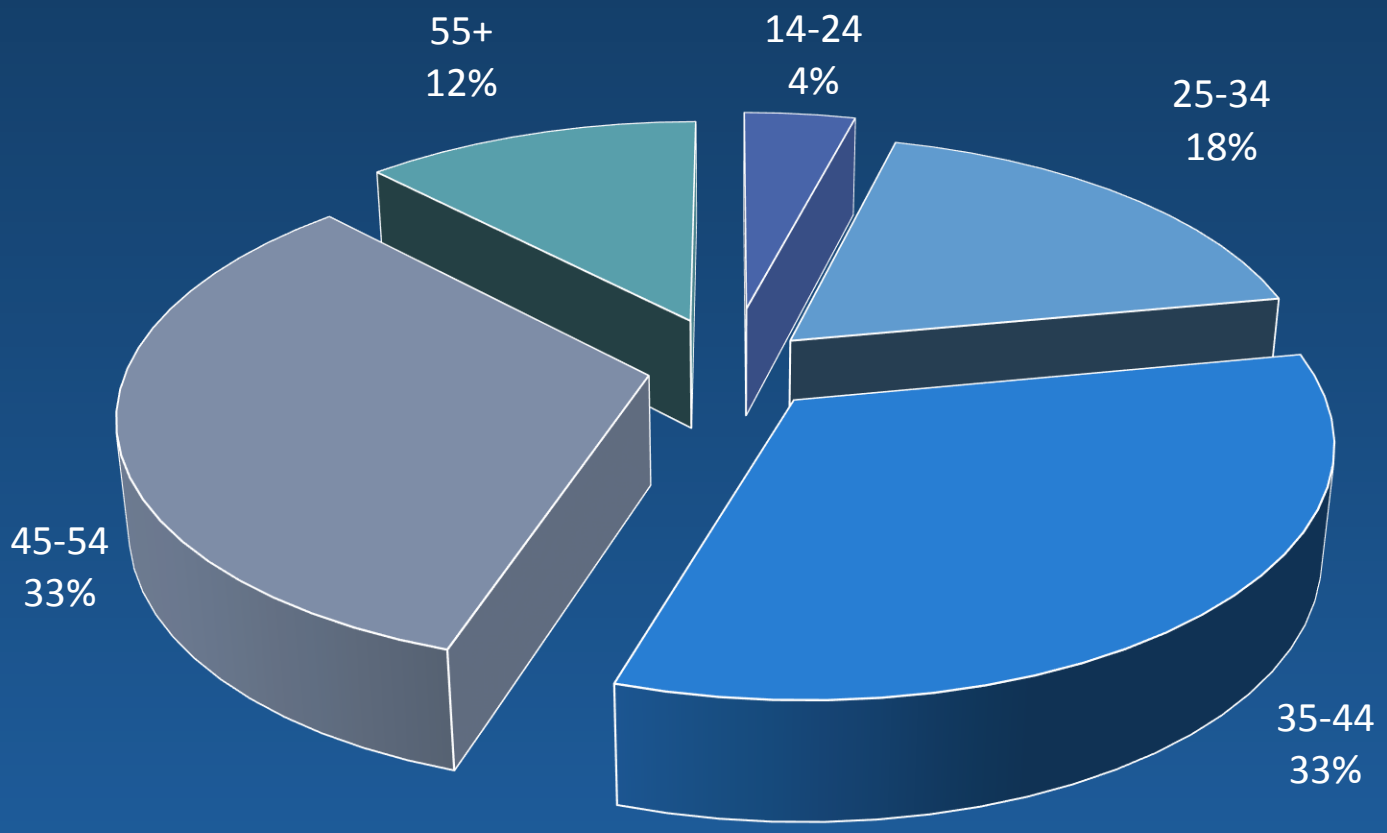
3336 Engine, Turbine, and Power Transmission Equipment Manufacturing

2013 Average Annual Employment by Age Group



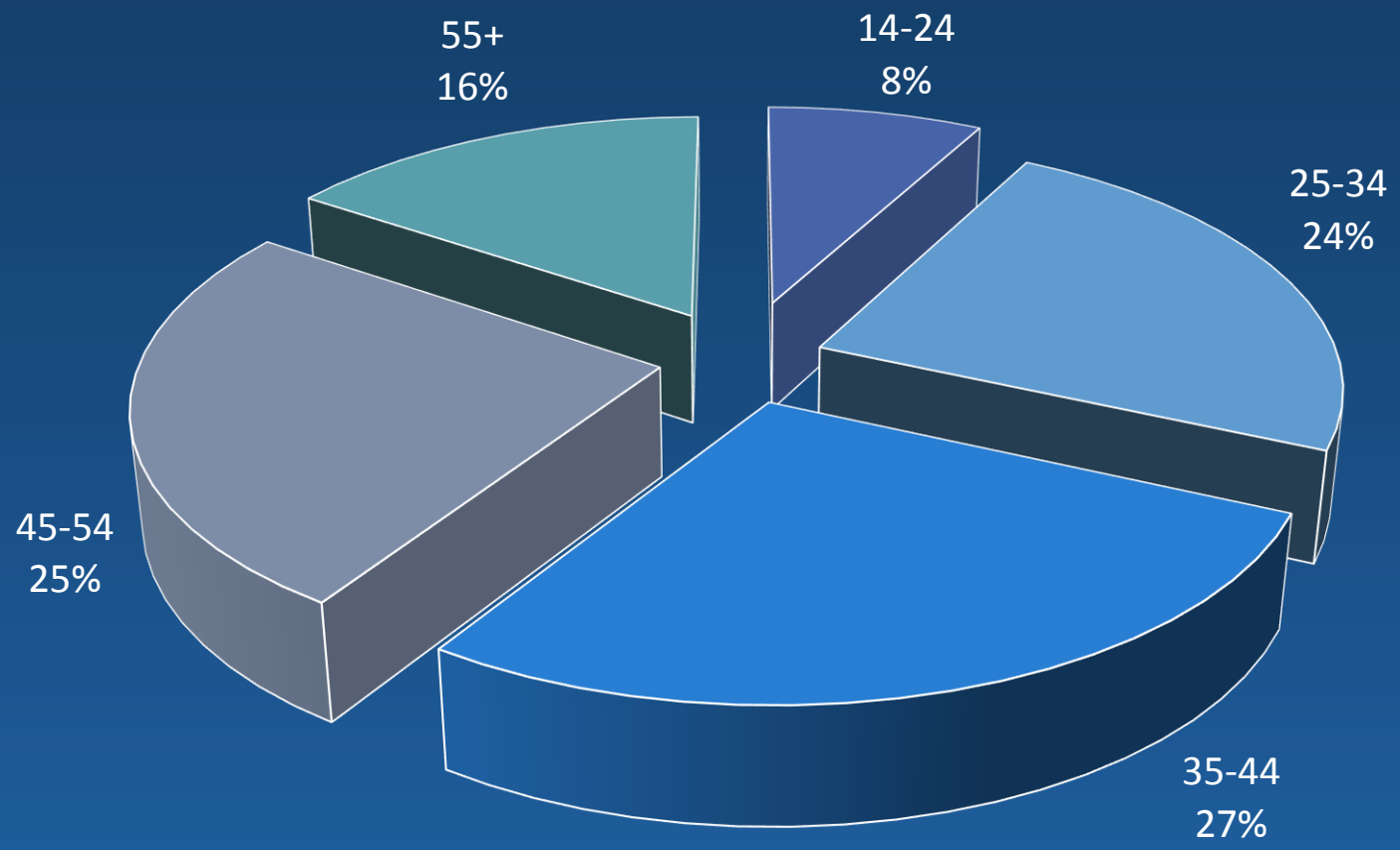
Source: Partnership between the Alabama Department of Labor, Labor Market Information Division and the U.S. Census Bureau, Longitudinal Employment-Household Dynamics (LEHD) Program, Quarterly Workforce Indicators (QWI) data.

3361 Motor Vehicle Manufacturing
2013 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
2013 Average Annual Employment by Age Group



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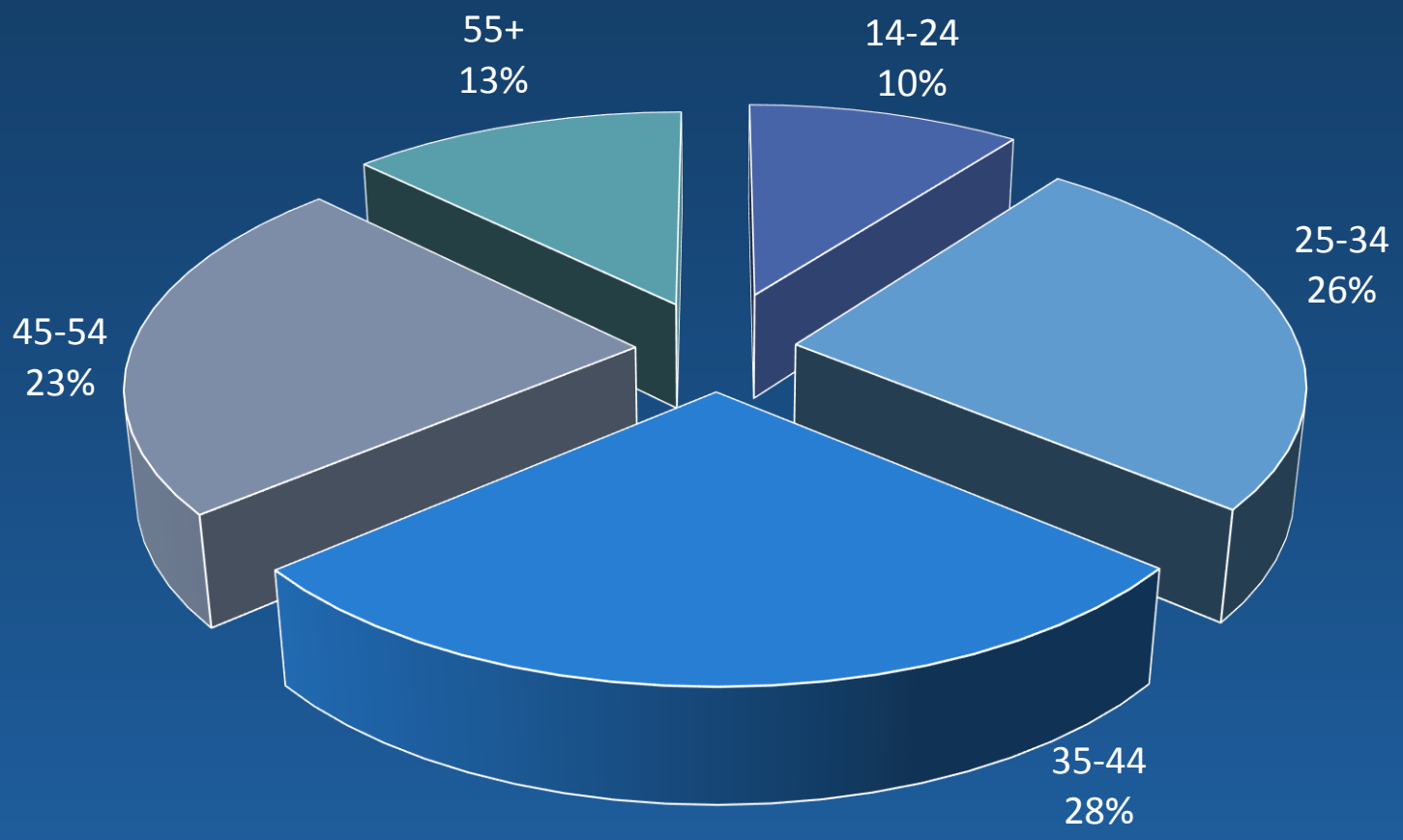
3363 Motor Vehicle Parts Manufacturing
2013 Average Annual Employment by Age Group



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
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
3262	Rubber Product Manufacturing	5,000	4,910	-90	-1.80	-0.18	-0.97	2.73
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing	1,540	3,210	1,670	108.44	7.62	-0.31	1.06
3361	Motor Vehicle Manufacturing	10,450	13,600	3,150	30.14	2.67	0.48	4.39
3362	Motor Vehicle Body and Trailer Manufacturing	4,240	4,840	600	14.15	1.33	0.77	2.39
3363	Motor Vehicle Parts Manufacturing	18,170	22,860	4,690	25.81	2.32	0.57	2.67

Source: 2012-2022 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

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