

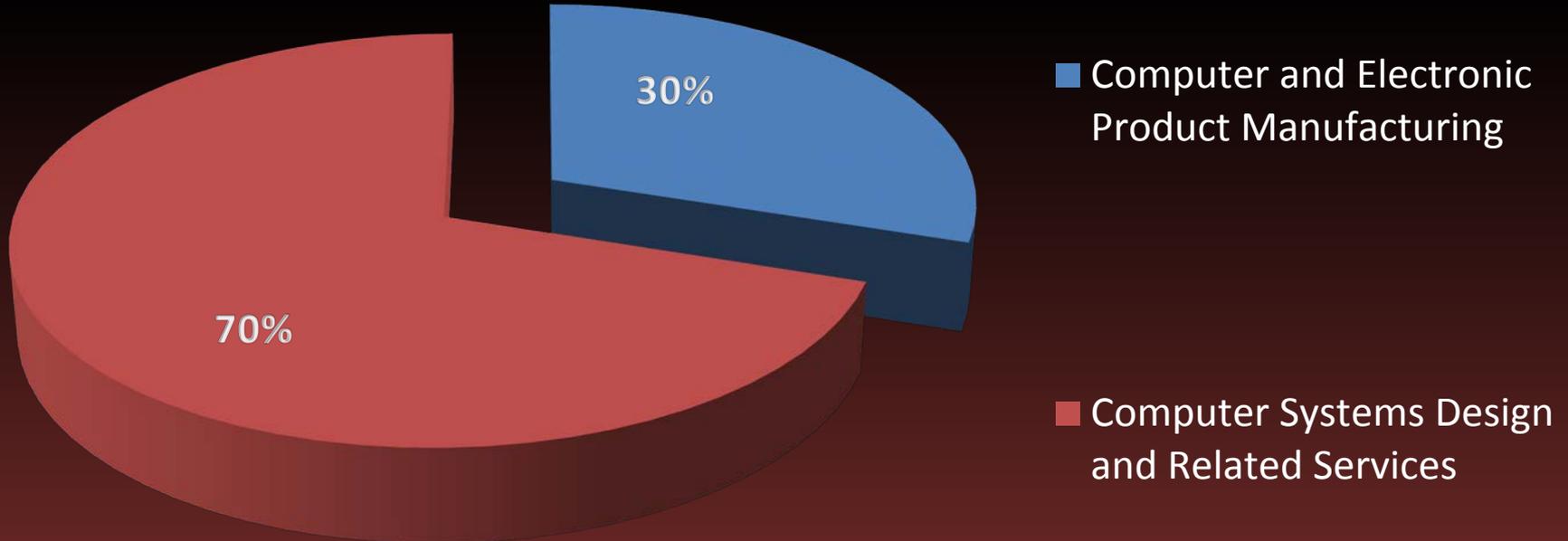


Alabama
Department of Labor

Labor Market Information
James Henry, Division Director



Information Technology



The data above is an annual average consisting of quarter 4 of 2011, and quarters 1, 2, and 3 of 2012

Source: Quarterly Census of Employment and Wages



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Industry Overview

Sector	Number of Companies	Number Employed
Computer and Electronic Product Manufacturing	135	9,603
Computer Systems Design and Related Services	2,192	22,197

The data above is an annual average consisting of quarter 4 of 2011, and quarters 1, 2, and 3 of 2012

Source: Quarterly Census of Employment and Wages



Computer and Electronic Product Manu.

334 Computer and Electronic Product Manufacturing

Industries in the Computer and Electronic Product Manufacturing subsector group establishments that manufacture computers, computer peripherals, communications equipment, and similar electronic products, and establishments that manufacture components for such products. The Computer and Electronic Product Manufacturing industries have been combined in the hierarchy of NAICS because of the economic significance they have attained. Their rapid growth suggests that they will become even more important to the economies of all three North American countries in the future, and in addition their manufacturing processes are fundamentally different from the manufacturing processes of other machinery and equipment. The design and use of integrated circuits and the application of highly specialized miniaturization technologies are common elements in the production technologies of the computer and electronic subsector. Convergence of technology motivates this NAICS subsector. Digitalization of sound recording, for example, causes both the medium (the compact disc) and the equipment to resemble the technologies for recording, storing, transmitting, and manipulating data. Communications technology and equipment have been converging with computer technology. When technologically-related components are in the same sector, it makes it easier to adjust the classification for future changes, without needing to redefine its basic structure. The creation of the Computer and Electronic Product Manufacturing subsector assists in delineating new and emerging industries because the activities that will serve as the probable sources of new industries, such as computer manufacturing and communications equipment manufacturing, or computers and audio equipment, are brought together. As new activities emerge, they are less likely therefore, to cross the subsector boundaries of the classification.

135 Companies; 9,603 Employed, 30% of Information Technology Employment

# of Employees	% of Companies
1-49	77%
50-99	7%
100-249	10%
250+	6%

The data above is derived from a report from September 2012

Top 5 Job Categories:

- 12% Electrical and Electronic Equipment Assemblers
- 5% Computer Software Engineers, Applications
- 5% Electrical Engineers
- 4% Computer Software Engineers, System Software
- 4% Team Assemblers

Source: 2012 release of the Occupational Employment Statistics Report (OES) in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.



Computer Systems Design and Related Services

54151 Computer Systems Design and Related Services

This industry comprises establishments primarily engaged in providing expertise in the field of information technologies through one or more of the following activities: (1) writing, modifying, testing, and supporting software to meet the needs of a particular customer; (2) planning and designing computer systems that integrate computer hardware, software, and communication technologies; (3) on-site management and operation of clients' computer systems and/or data processing facilities; and (4) other professional and technical computer-related advice and services.

2,192 Companies; 22,197
Employed, 70% of Information
Technology Employment

Top 5 Job Categories:

- 11% Computer Programmers
- 11% Computer Support Specialists
- 8% Computer Software Engineers, Applications
- 8% Computer Systems Analysts
- 5% Computer and Information Systems Managers

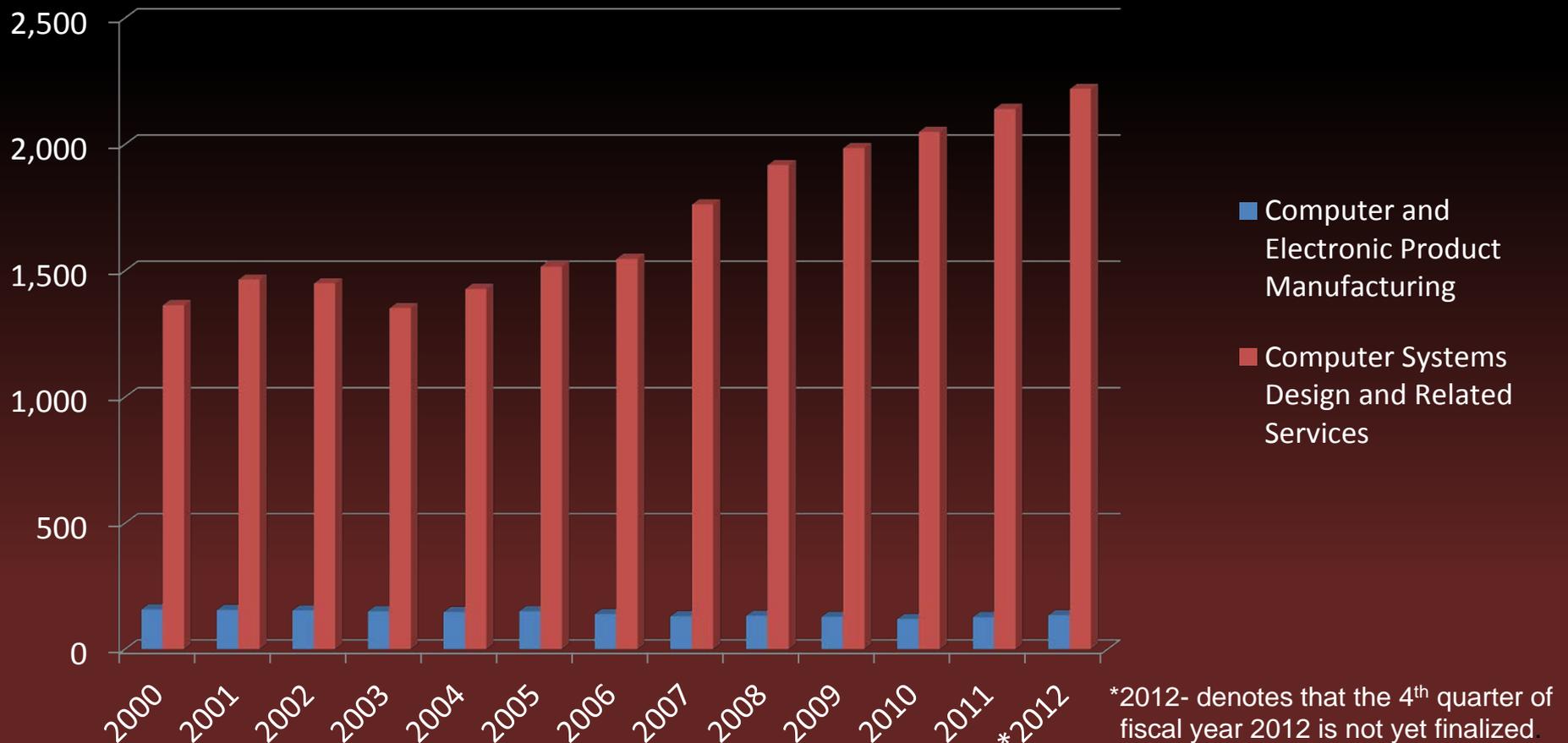
# of Employees	% of Companies
1-49	97%
50-99	1%
100-249	1%
250+	1%

The data above is derived from a report from September 2012

Source: 2012 release of the Occupational Employment Statistics Report (OES) in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.



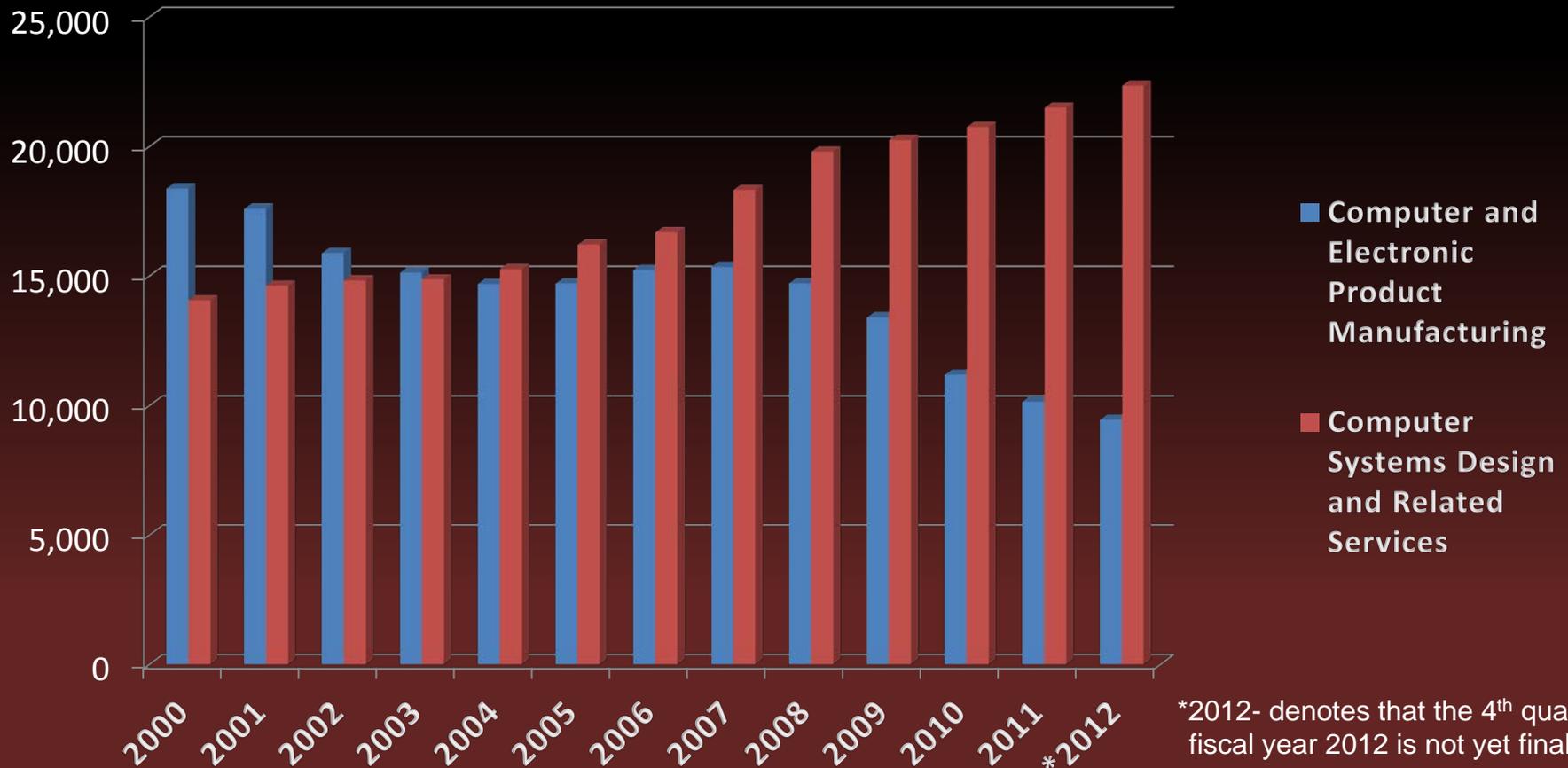
Development of Alabama's Information Technology Industry by Company



*Y-axis annotates the number of companies by intervals of 500.



Development of Alabama's Information Technology Industry by Employed



*2012- denotes that the 4th quarter of fiscal year 2012 is not yet finalized.

*Y-axis annotates the number employed by intervals of 10000.



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Top Job Categories for Information Technology

Job Category	Number of Jobs	Percent of Total
Computer Support Specialists	2,370	8%
Computer Programmers	2,350	8%
Computer Software Engineers, Applications	2,170	7%
Computer Systems Analysts	1,760	6%
Computer Software Engineers, Systems Software	1,370	5%
Computer and Information Systems Managers	1,160	4%
Electrical and Electronic Equipment Assemblers	1,000	3%
General and Operations Managers	970	3%
Other	15,950	56%

Source: 2012 release of the Occupational Employment Statistics Report (OES) in cooperation with the Bureau of Labor Statistics. Wage data aged using latest Employment Cost Index (ECI) factors.



Wage Information

Top 10 by Rounded Occupational Employment

Soc. Title	Round Emp.	Mean	Mean Ann.	Entry	Entry Ann.	Exp.	Exp. Ann.
Computer Support Specialists	2,370	\$22.12	\$45,999	\$15.20	\$31,611	\$25.58	\$53,191
Computer Programmers	2,350	\$38.23	\$79,501	\$21.39	\$44,509	\$46.64	\$97,001
Computer Software Engineers, Applications	2,170	\$41.96	\$87,260	\$29.86	\$62,096	\$48.00	\$99,844
Computer Systems Analysts	1,760	\$41.76	\$86,845	\$28.42	\$59,101	\$48.42	\$100,722
Computer Software Engineers, Systems Software	1,370	\$45.62	\$94,883	\$31.85	\$66,227	\$52.51	\$109,216
Computer and Information Systems Managers	1,160	\$55.76	\$115,980	\$41.40	\$86,106	\$62.94	\$130,923
Electrical and Electronic Equipment Assemblers	1,000	\$13.30	\$27,681	\$9.52	\$19,808	\$15.20	\$31,612
General and Operations Managers	970	\$71.01	\$147,708	\$40.24	\$83,712	\$86.40	\$179,704
Network and Computer Systems Administrators	910	\$33.67	\$70,038	\$22.35	\$46,486	\$39.34	\$81,807
Computer Network Support Specialists	800	\$24.26	\$50,469	\$17.52	\$36,441	\$27.64	\$57,484

* Wage information rounded to the nearest whole dollars



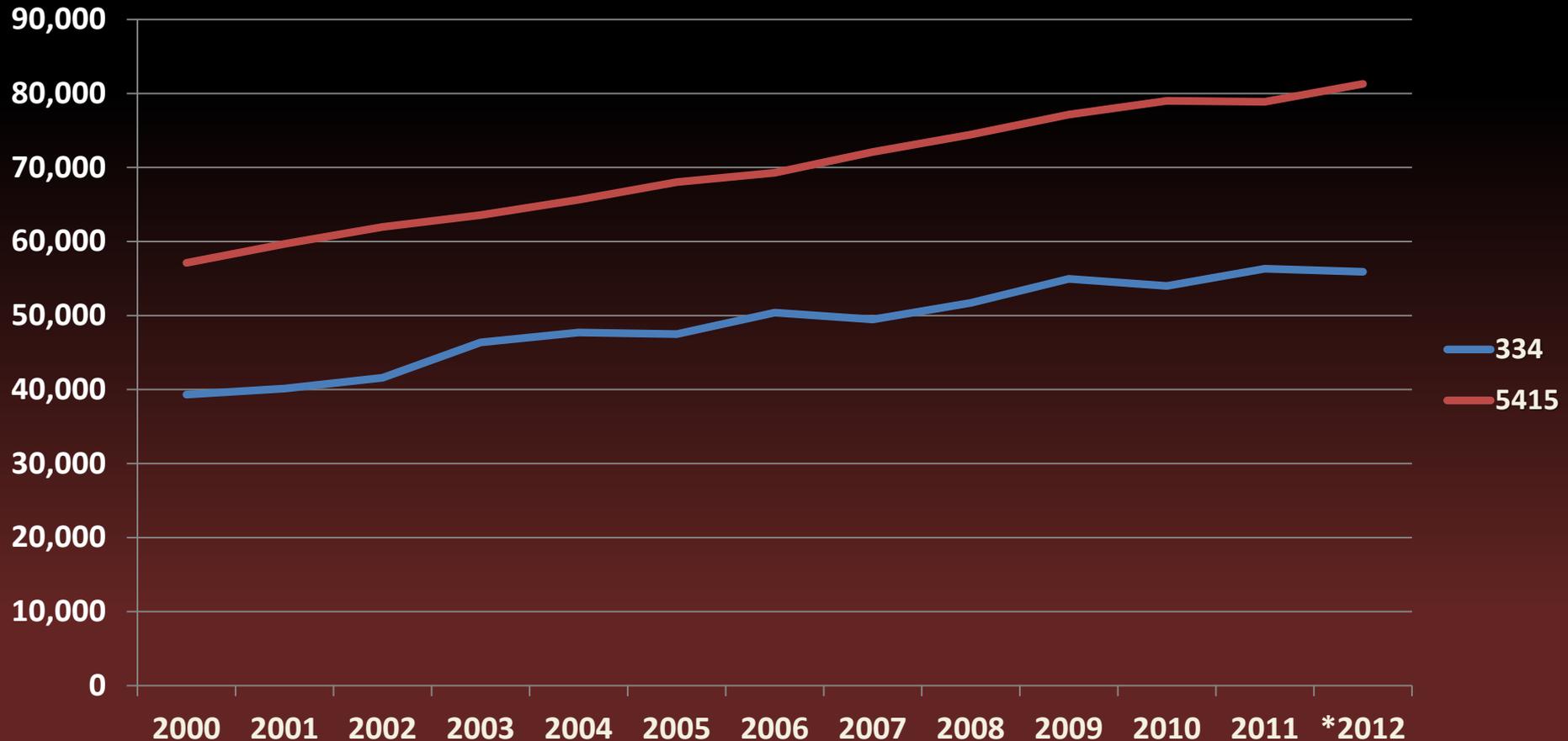
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Wage Information

Total Wages by NAICS Code from 2000-2012



*2012- denotes that the 4th quarter of fiscal year 2012 is not yet finalized.

Source: Quarterly Census of Employment and Wages



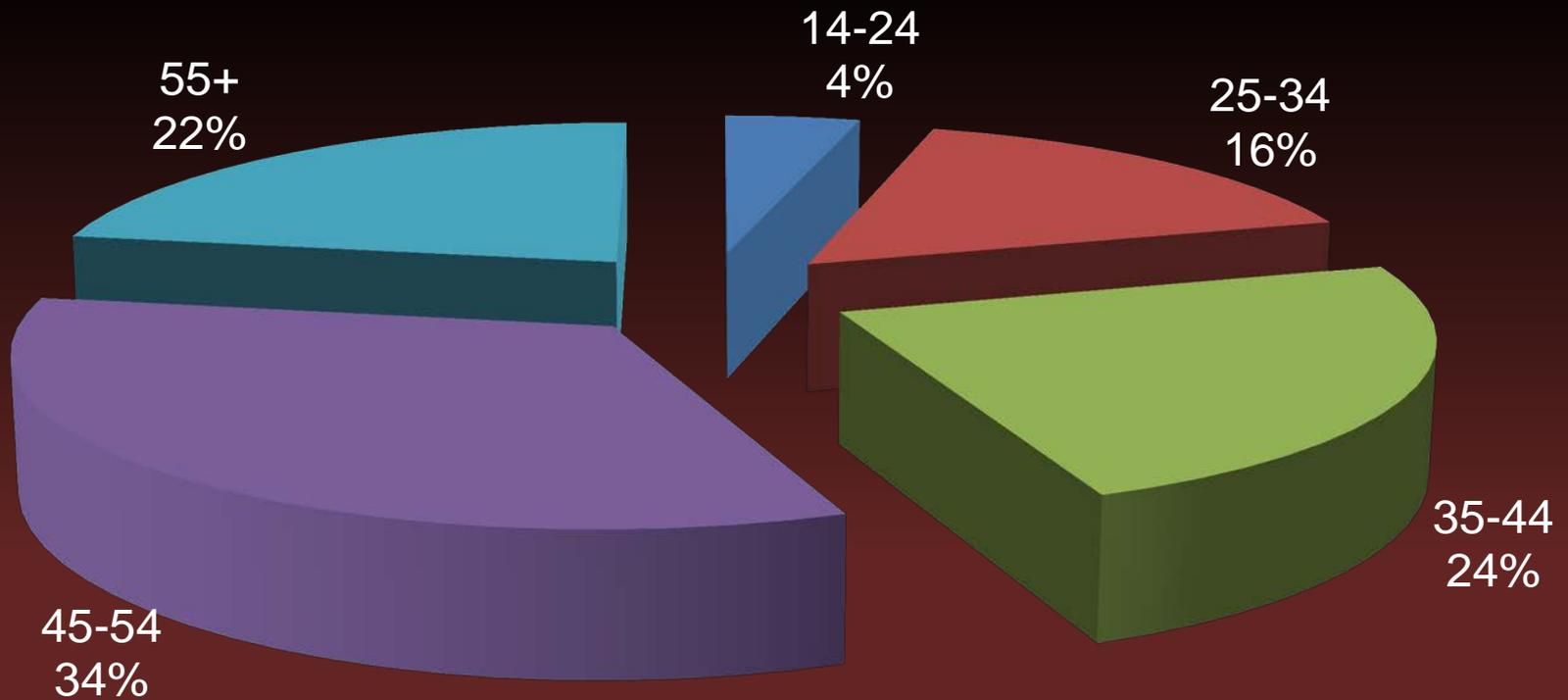
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334: Computer and Electronic Equipment Manufacturing

Average Annual Employment
by Age Group



The data above is an annual average consisting of quarter 4 of 2011, and quarters 1, 2, and 3 of 2012

Source: Partnership between the AL Dept. of Labor, Labor Market Information Division and the US Census Bureau, Longitudinal Employment-Household Dynamics (LED) Program, Quarterly Workforce Indicators (QWI) data.



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334: Computer and Electronic Equipment Manufacturing

Average Turnover Rate	Avg. Job Gains	Avg. Net Job Flows	Avg. Monthly Earnings	Avg. Monthly Earnings New Hires
4.0%	171	-135	\$4,476	\$3,626

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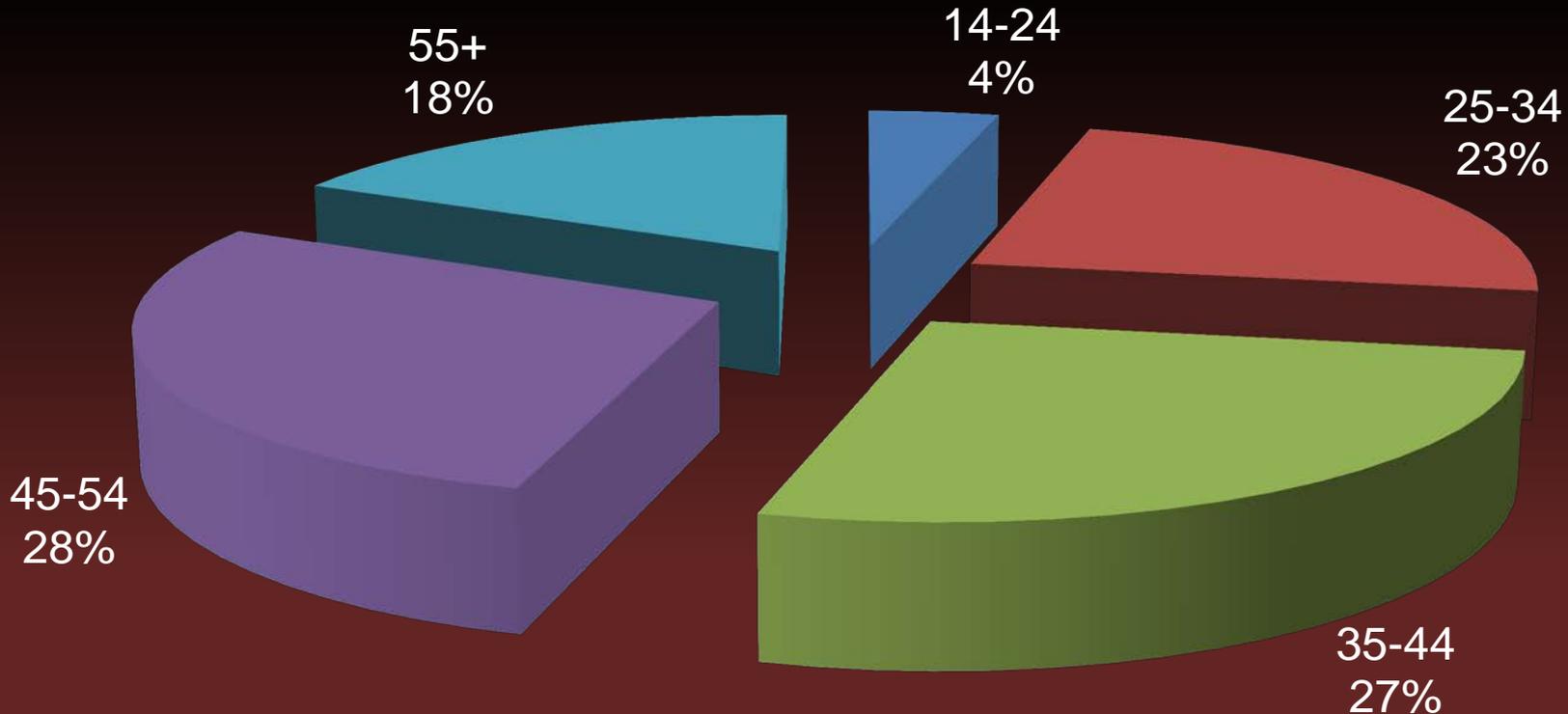
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5415: Computer Systems Design and Related Services

Average Annual Employment by Age Group



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Source: Partnership between the AL Dept. of Labor, Labor Market Information Division and the US Census Bureau, Longitudinal Employment-Household Dynamics (LED) Program, Quarterly Workforce Indicators (QWI) data.



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5415: Computer Systems Design and Related Services

Average Turnover Rate	Avg. Job Gains	Avg. Net Job Flows	Avg. Monthly Earnings	Avg. Monthly Earnings New Hires
6.5%	949	186	\$6,621	\$5,152

The data above is an annual average consisting of quarter 4 of 2011, and quarters 1, 2, and 3 of 2012

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Projection Information From 2010 to 2020 by NAICS Code

NAICS	Industry	2010	2020	Net Change	Percent Change	Avg. Ann. Growth	US Avg. Ann. Growth	Location Quotient
334	Computer and Electronic Equipment Manufacturing	11,200	10,900	-290	-2.60	-0.26	-1.53	0.64
5145	Computer Systems Design and Related Services	20,720	31,400	10,680	51.52	4.24	3.90	0.91



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Major Information Technology Regions

IT 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](#)