

2016 Annual Report

Georgia Economic Highlights from Traditional and Real-time LMI



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2016 Annual Report - Georgia Economic Highlights from Traditional and Real-time LMI

Georgia Department of Labor

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2016 Report Overview

The “2016 Annual Report - Georgia Economic Highlights from Traditional and Real-time LMI” is a broad overview of the current economic situation in Georgia. A vast array of labor market information (LMI) data have been used to illustrate the current trends in employment and the forecast for the future.

Traditional LMI data from official government led programs have long been the most common standard used for measuring workforce statistics. As the world has changed and information has become readily available via the internet, the demand for more data and newer data has increased. While traditional LMI data will continue to be the gold standard, there is now a new data source currently available. This new data set is called Real-time LMI.

Real-time LMI is labor market intelligence derived from the analysis of job postings and resumes placed into public and private labor exchanges on the world wide web. These data are pulled from a wide variety of internet sites on a daily basis resulting in the “real-time” name. These data provide a myriad of job posting and employer details that can be used to indicate supply and demand trends, emerging occupations, current and emerging skill requirements and market-based demand for education and certifications desired by employers.

Real-time LMI is a relatively new product which is being introduced in this publication. It promises to expand the horizons of labor market research regarding economic and workforce development. The Georgia Department of Labor is utilizing Burning Glass© Technology as the source for the real-time LMI data.

Questions or comments on the content of this publication should be directed to:

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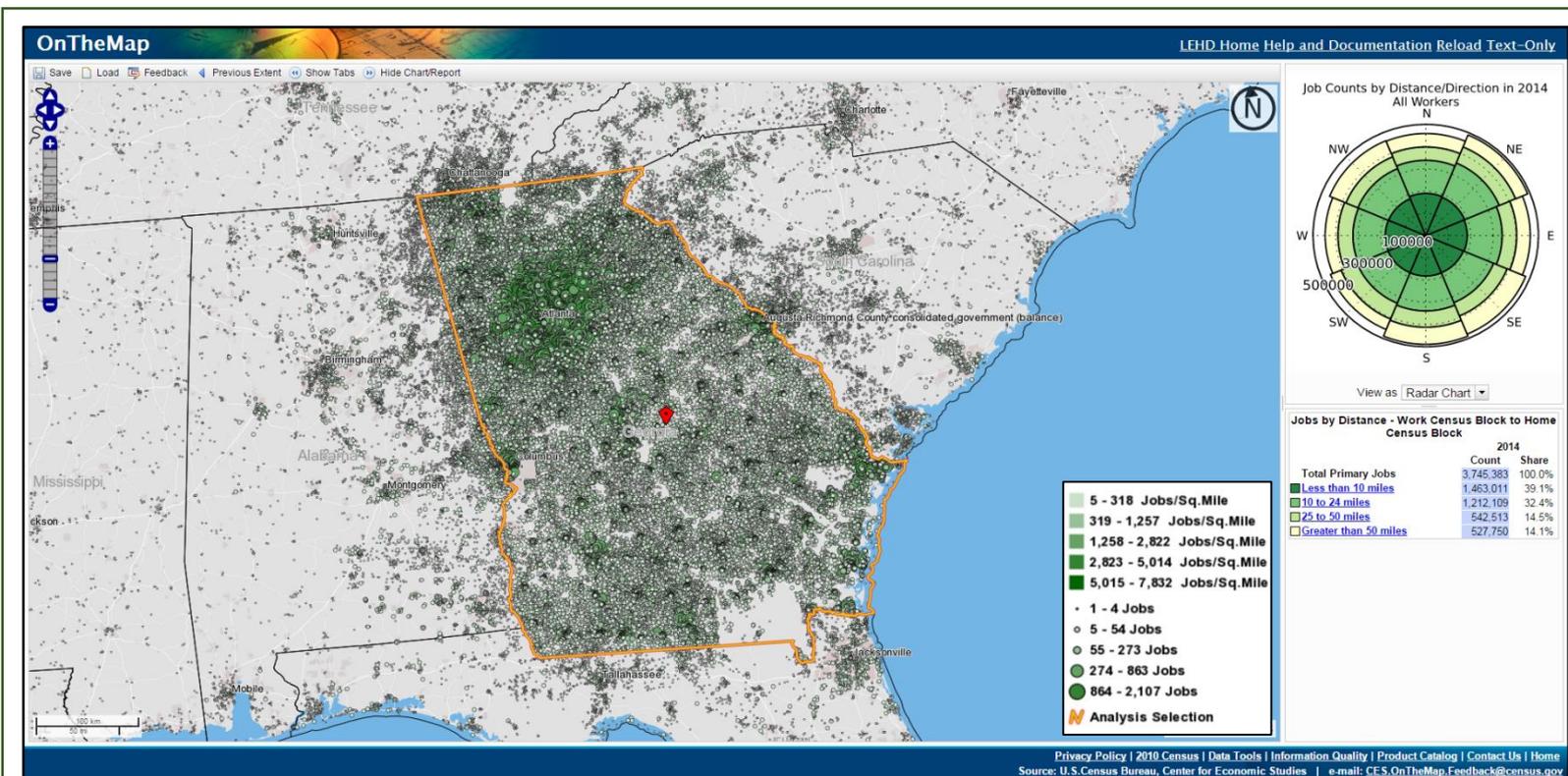
Georgia – Distance Traveled to Work and Total Employment by MSA*

Traditional LMI – Census Local Employment Dynamics and QCEW

The first chart illustrates the home locations of all Georgia workers. Thirty-nine percent (39%) of workers drive less than ten miles to work. Twenty-nine percent (29%) of workers drive in excess of twenty-five miles to get to work.

The table shows the average employment by MSA in Georgia for 2015. Larger metropolitan areas tend to offer better work opportunities and workers flock to these areas as a result.

*Metropolitan Statistical Area



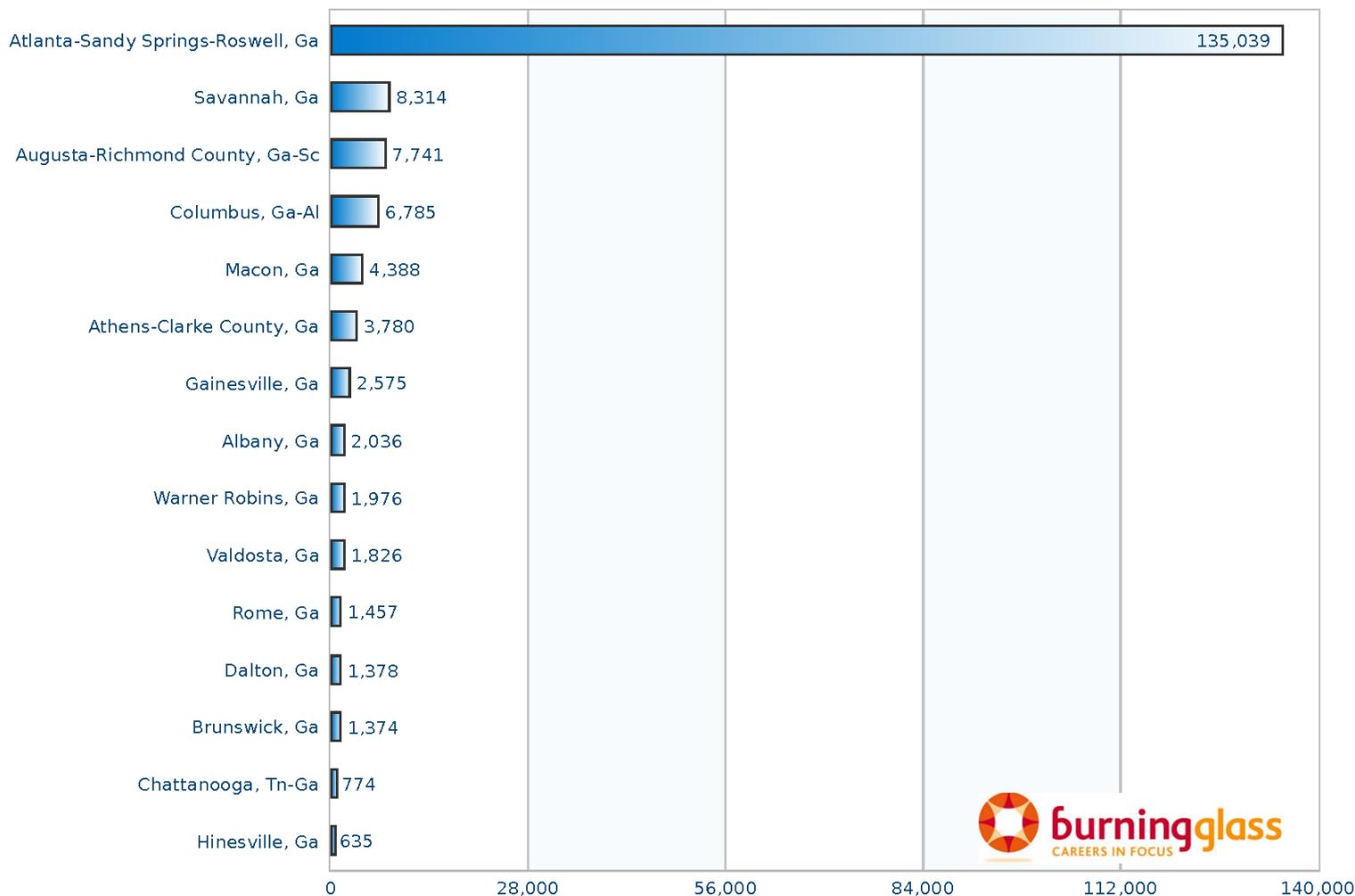
Annual 2015 Quarterly Census of Employment and Wages (QCEW) - Total All Industries

Area Name	Average Employment	Area Name	Average Employment	Area Name	Average Employment
Atlanta-Sandy Springs-Roswell, GA MSA	2,418,016	Athens-Clarke County, GA MSA	81,318	Valdosta, GA MSA	53,831
Savannah, GA MSA	162,115	Gainesville, GA MSA	79,671	Brunswick, GA MSA	40,281
Augusta-Richmond County, GA-SC MSA	150,604	Warner Robins, GA MSA	68,630	Rome, GA MSA	38,248
Columbus, GA-AL MSA	101,956	Dalton, GA MSA	64,135	Chattanooga, TN-GA MSA	30,844
Macon, GA MSA	97,205	Albany, GA MSA	58,279	Hinesville, GA MSA	18,942

Georgia – Job Postings by Metropolitan Statistical Area (MSA)

Real-time LMI – 2nd Quarter 2016

Postings: Available= 199,544 | Unclassified= 19,466



This chart details the number of job postings by MSA in Georgia.

For the second quarter (April, May and June) of 2016, there were a total of 199,544 unique job postings listed on the internet for the state. Of the total openings in Georgia, 180,078 posted jobs were within the fifteen MSAs.

These openings account for 90% of all job postings found on the internet using Burning Glass Technology.



Data Source: Burning Glass Technology.

Reports Prepared By: Workforce Statistics and Economic Research, Georgia Department of Labor.

Georgia – Jobs with the Fastest Growth and Largest Growth

Traditional LMI – Long-Term Projections 2012-2022

These charts detail the top twenty-five occupations expecting the fastest and largest growth. All jobs on the fastest growth chart have annual growth rates exceeding the overall rate. Jobs listed on the largest growth chart will account for 39% of all new positions.

Top 25 Occupations – Fastest Growth

Occupational Title	EDU Code	Annual Growth Rate	Annual Openings from Growth
Physician Assistants	2	5.3%	190
Health Specialties Teachers, Postsecondary	1	5.2%	320
Agents and Business Managers of Artists, Performers, and Athletes	3	5.0%	30
Personal Care Aides	8	4.9%	1,020
Interpreters and Translators	3	4.7%	100
Nursing Instructors and Teachers, Postsecondary	2	4.5%	80
Psychiatric Aides	7	4.5%	80
Home Health Aides	8	4.5%	440
Nurse Practitioners	2	4.4%	180
Nurse Midwives	2	4.4%	10
Ophthalmic Medical Technicians	5	4.2%	40
Medical Secretaries	7	4.2%	680
Medical Assistants	5	4.1%	880
Audiologists	1	4.1%	10
Meeting, Convention, and Event Planners	3	4.1%	110
Philosophy/Religion Teachers, Postsecondary	1	4.0%	30
Diagnostic Medical Sonographers	4	4.0%	70
Dental Hygienists	4	4.0%	240
Mental Health Counselors	2	4.0%	100
Occupational Therapy Assistants	4	4.0%	20
Stonemasons	7	4.0%	30
Brickmasons and Blockmasons	7	3.9%	30
Mental Health and Substance Abuse Social Workers	3	3.8%	70
Law Teachers, Postsecondary	1	3.8%	10
Surgeons	1	3.8%	70

Georgia Statewide Average Annual Growth Rate is 1.5%

Top 25 Occupations – Largest Growth

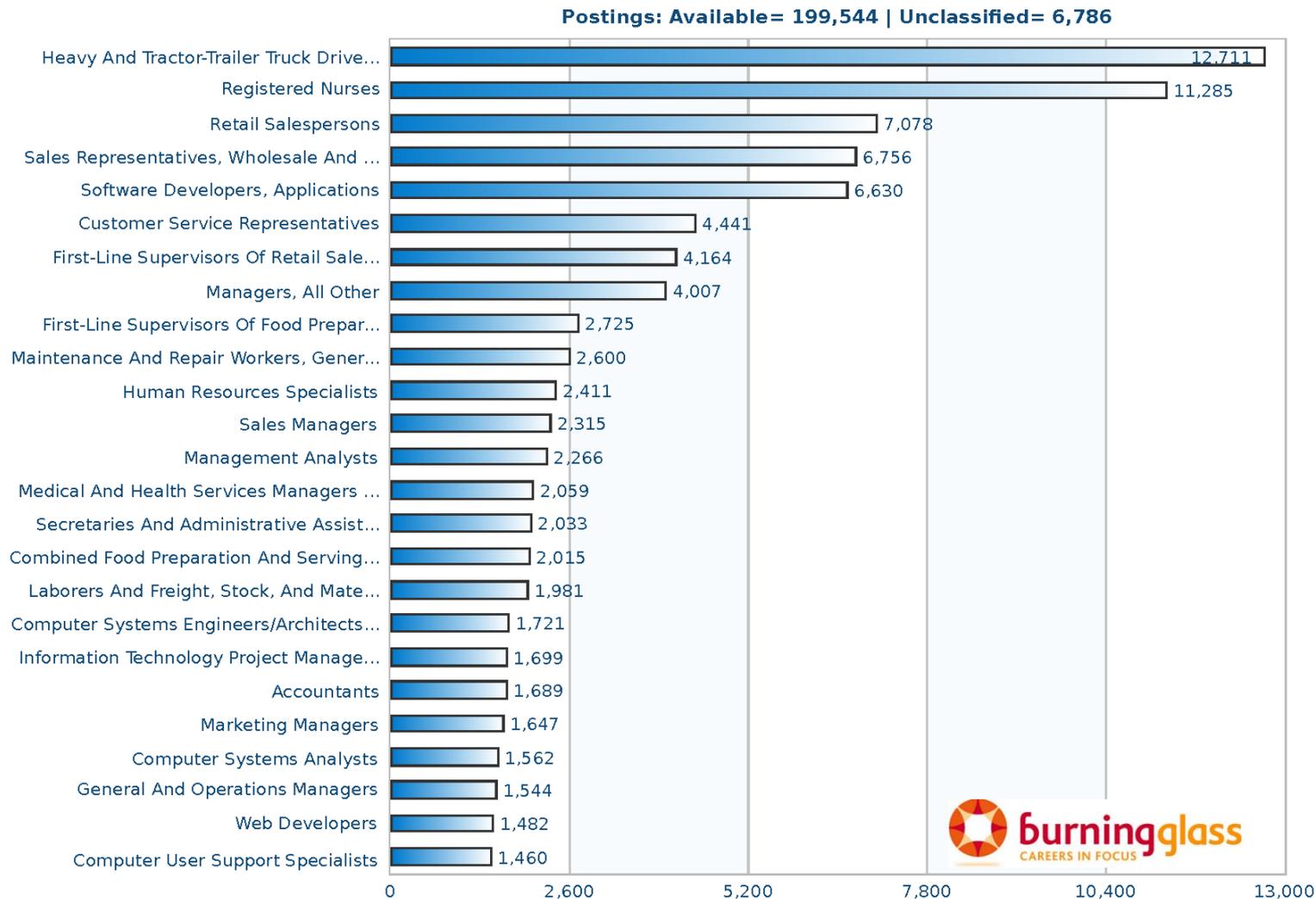
Occupational Title	EDU Code	Annual Growth Rate	Annual Openings from Growth
Comb. Food Prep. Serving Workers, Incl. Fast Food	8	1.3%	2,340
Customer Service Representatives	7	1.9%	1,950
Laborers/ Freight, Stock, and Material Movers, Hand	8	2.0%	1,870
Elementary School Teachers, Except Special Ed.	3	2.9%	1,390
General and Operations Managers	3	1.7%	1,350
Sales Representatives, Wholesale/Manufacturing, Except Technical and Scientific Products	7	1.8%	1,120
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	7	2.0%	1,120
Office Clerks, General	7	1.3%	1,110
Janitors/Cleaners, Except Maids/Housekeeping Cleaners	8	1.9%	1,070
Childcare Workers	7	2.5%	1,060
Registered Nurses	4	1.5%	1,040
Personal Care Aides	8	4.9%	1,020
Accountants and Auditors	3	2.3%	1,010
Team Assemblers	7	2.1%	980
Management Analysts	3	2.4%	950
Maids and Housekeeping Cleaners	8	2.1%	880
Medical Assistants	5	4.1%	880
Bookkeeping, Accounting, and Auditing Clerks	7	1.7%	860
Construction Laborers	8	2.7%	860
First-Line Supervisors of Office/Admin. Support Workers	7	1.9%	820
Teacher Assistants	6	2.2%	810
Retail Salespersons	8	0.5%	780
Nursing Assistants	5	1.9%	770
Middle School Teachers, Except Special and Career/Technical Education	3	2.9%	730
Maintenance and Repair Workers, General	7	1.6%	720

Georgia Statewide Expected Annual Openings from Growth is 71,040

Education Codes
1 Doctoral or professional degree
2 Master's degree
3 Bachelor's degree
4 Associate's degree
5 Postsecondary non-degree award
6 Some college, no degree
7 High school diploma or equivalent
8 Less than high school

Georgia – Top Occupations - Job Postings by Occupational Title

Real-time LMI – 2nd Quarter 2016



This chart details the top twenty-five occupations according to real-time job postings data.

Ninety-seven percent (97%) of job postings were classified and ranked from largest to smallest. The top twenty-five occupations are shown here.

The remaining % of all postings found did not have SOC (Standard Occupational Classification) codes assigned due to the lack of job posting detail available.



Georgia – Top Occupations Based on Employment

Traditional LMI – Occupational Employment Statistics (OES)

This chart details the top twenty-five occupations based on occupational employment in Georgia.

Data for each occupation shown includes the basic level of education, the number of jobs, the average hourly wage, the average annual wage and the median wage.

SOC Code	Occupational Title	EDU Level	Employment	Average Hourly Wage	Average Annual Wage	Median Hourly Wage
41-2031	Retail Salespersons	8	140,210	\$12.10	\$25,168	\$9.78
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8	102,550	\$13.25	\$27,560	\$11.70
41-2011	Cashiers	8	98,940	\$9.36	\$19,469	\$9.04
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	8	96,800	\$8.71	\$18,117	\$8.73
43-4051	Customer Service Representative	7	91,540	\$16.68	\$34,694	\$15.56
11-1021	General and Operations Managers	3	79,830	\$54.30	\$112,944	\$45.42
43-9061	Office Clerks, General	7	78,320	\$13.32	\$27,706	\$12.55
35-3031	Waiters and Waitresses	8	75,800	\$9.26	\$19,261	\$8.81
29-1141	Registered Nurses	4	68,010	\$30.60	\$63,648	\$30.68
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	7	58,770	\$16.48	\$34,278	\$15.80
43-5081	Stock Clerks and Order Fillers	8	57,350	\$11.83	\$24,606	\$10.79
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	7	52,040	\$29.51	\$61,381	\$24.84
53-3032	Heavy and Tractor-Trailer Truck Drivers	5	50,820	\$19.97	\$41,538	\$19.34
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	8	49,110	\$11.16	\$23,213	\$10.08
25-2021	Elementary School Teachers, Except Special Education	3	47,440	***	\$55,137	\$55,010
51-2092	Team Assemblers	7	46,630	\$13.77	\$28,642	\$13.13
43-3031	Bookkeeping, Accounting, and Auditing Clerks	7	44,540	\$18.05	\$37,544	\$17.27
49-9071	Maintenance and Repair Workers, General	7	43,690	\$17.97	\$37,378	\$17.12
41-1011	First-Line Supervisors of Retail Sales Workers	7	38,340	\$19.30	\$40,144	\$17.08
43-1011	First-Line Supervisors of Office and Administrative Support Workers	7	38,260	\$26.28	\$54,662	\$24.36
31-1014	Nursing Assistants	5	36,350	\$10.94	\$22,755	\$10.65
13-2011	Accountants and Auditors	3	35,950	\$37.58	\$78,166	\$33.76
43-4171	Receptionists and Information Clerks	7	33,040	\$13.41	\$27,893	\$12.95
13-1199	Business Operations Specialists, All Other	7	32,100	\$34.48	\$71,718	\$32.24
25-9041	Teacher Assistants	6	31,570	***	\$20,736	\$19,341

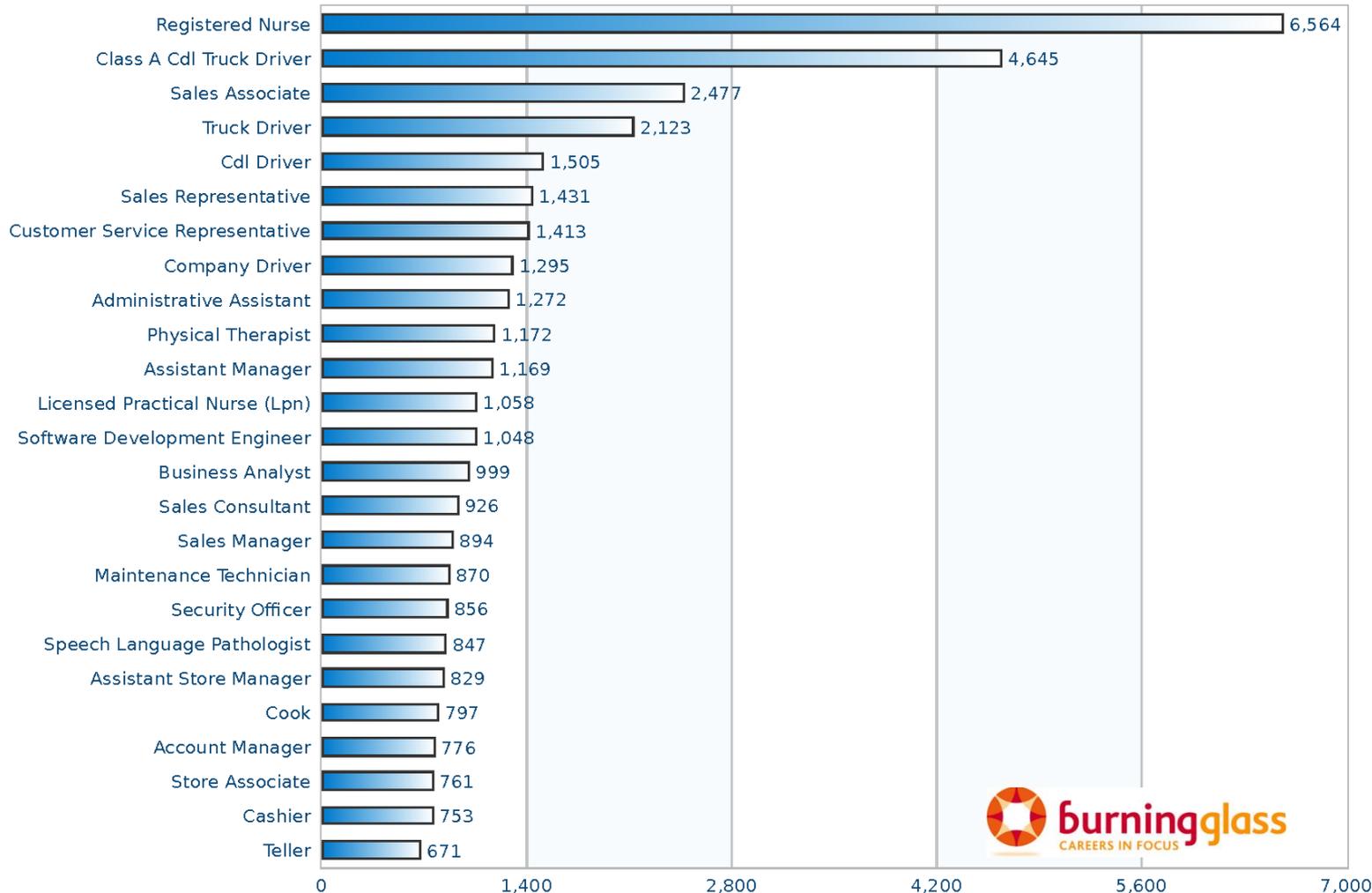
*** Indicates data were either not available or suppressed due to BLS confidentiality.

Education Codes
1 Doctoral or professional degree
2 Master's degree
3 Bachelor's degree
4 Associate's degree
5 Postsecondary non-degree award
6 Some college, no degree
7 High school diploma or equivalent
8 Less than high school

Georgia – Top Job Titles - Job Postings by Employer Working Titles

Real-time LMI – 2nd Quarter 2016

Postings: Available= 199,544 | Unclassified= 42



This chart details the top twenty-five job titles in job postings data.

There can be many different job titles used by employers for the same SOC (Standard Occupational Classification) code. For example, in this chart there are several different titles for truck drivers including Class A CDL Truck Driver, CDL Driver, Truck Driver, and Company Driver all of which represent a single SOC code.



Data Source: Burning Glass Technology.

Reports Prepared By: Workforce Statistics and Economic Research, Georgia Department of Labor.

Georgia – Fastest Growth Jobs (Requiring up to 4 Years Education beyond HS)

Traditional LMI – Long-Term Projections 2012-2022

This chart details the top 25 jobs with the highest number of annual openings from growth.

All jobs listed require completion of formal education beyond high school up to a 4-year degree.

Successful degree completion results in an earned certification, a license or a 2- or 4-year degree.

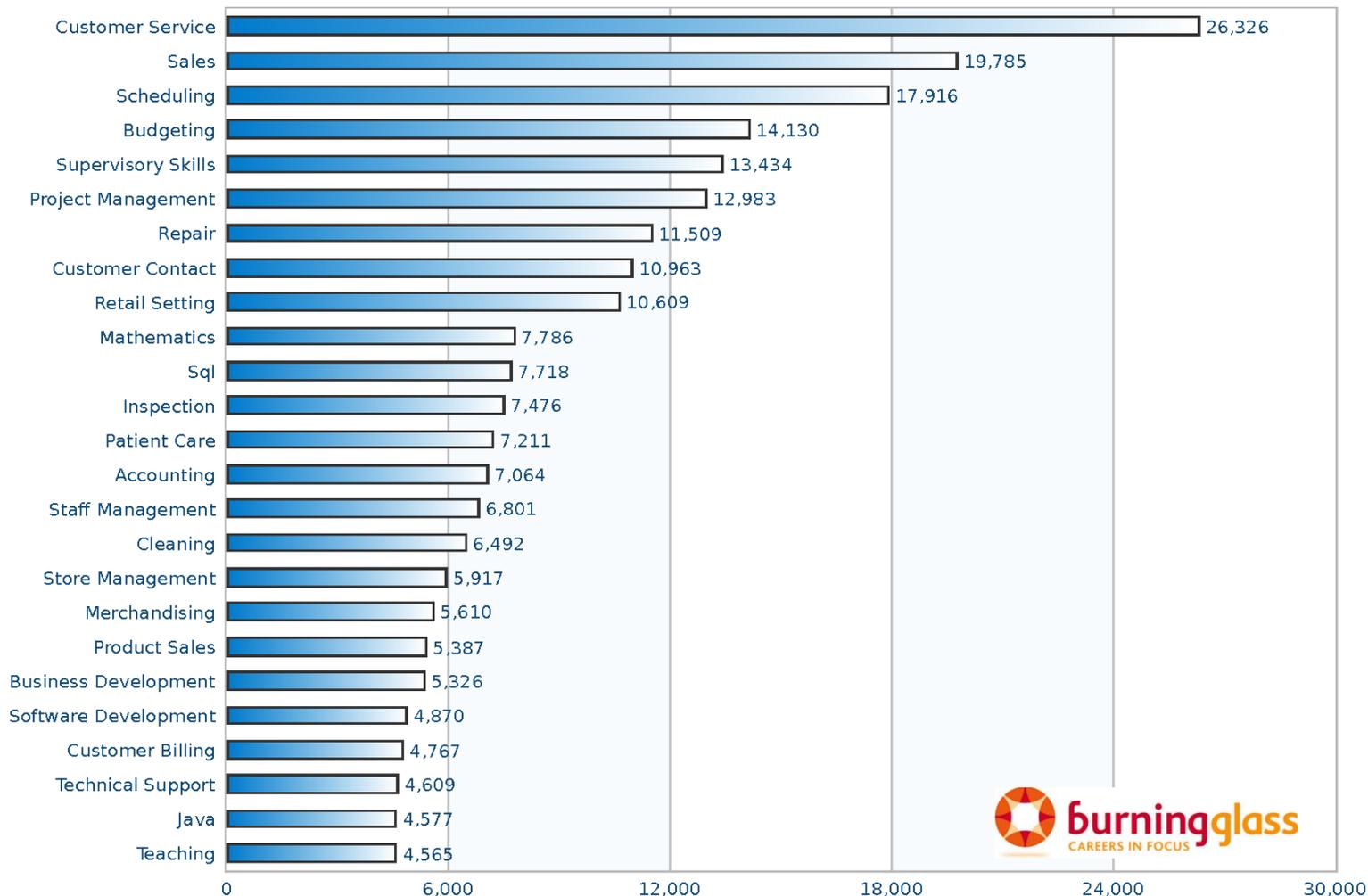
SOC Code	Occupational Title	EDU Code	Annual Growth Rate	Annual Openings from Growth	Annual Openings from Replacements	Total Annual Openings
25-2021	Elementary School Teachers, Except Special Education	3	2.9%	1,390	930	2,320
11-1021	General and Operations Managers	3	1.7%	1,350	1,340	2,690
29-1141	Registered Nurses	4	1.5%	1,040	1,260	2,300
13-2011	Accountants and Auditors	3	2.3%	1,010	1,160	2,170
13-1111	Management Analysts	3	2.4%	950	550	1,500
31-9092	Medical Assistants	5	4.1%	880	330	1,210
31-1014	Nursing Assistants	5	1.9%	770	690	1,460
25-2022	Middle School Teachers, Except Special and Career/Technical Education	3	2.9%	730	490	1,220
53-3032	Heavy and Tractor-Trailer Truck Drivers	5	1.3%	720	820	1,540
25-3098	Substitute Teachers	3	2.0%	650	500	1,150
29-2061	Licensed Practical and Licensed Vocational Nurses	5	2.2%	570	570	1,140
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	3	2.2%	540	590	1,130
15-1121	Computer Systems Analysts	3	2.8%	500	250	750
13-1161	Market Research Analysts and Marketing Specialists	3	3.3%	410	150	560
25-2011	Preschool Teachers, Except Special Education	4	2.5%	330	340	670
15-1132	Software Developers, Applications	3	2.2%	320	170	490
11-3011	Administrative Services Managers	3	2.1%	290	210	500
15-1133	Software Developers, Systems Software	3	2.3%	290	150	440
29-2041	Emergency Medical Technicians and Paramedics	5	2.7%	290	260	550
31-9091	Dental Assistants	5	3.2%	290	160	450
25-1191	Graduate Teaching Assistants	3	3.0%	280	120	400
11-9111	Medical and Health Services Managers	3	2.6%	260	220	480
11-9021	Construction Managers	3	1.9%	250	190	440
11-3031	Financial Managers	3	1.5%	240	280	520
15-1142	Network and Computer Systems Administrators	3	1.9%	240	180	420
Georgia Statewide Totals, All Occupations			1.5%	71,040	97,340	168,380

Education Codes
3 Bachelor's degree
4 Associate's degree
5 Postsecondary non-degree award

Georgia – Top Skills - Job Postings by Skills Required

Real-time LMI – 2nd Quarter 2016

Postings: Available= 199,544 | Unclassified= 56,152



This chart details the top twenty-five job skills listed in job postings data.

Approximately 28% of job postings do not provide information concerning skills sought but 97% of postings provide a SOC (Standard Occupational Classification) code title which can be used to research the basic skills and education required using ONET Online.



Data Source: Burning Glass Technology.

Reports Prepared By: Workforce Statistics and Economic Research, Georgia Department of Labor.

Georgia – Top Fastest Growth Jobs (Requiring Licensing or Certification)

Traditional LMI – Long-Term Projections 2012-2022

This chart details the top fifteen jobs requiring licensing or certification that project the highest number of annual openings from growth.

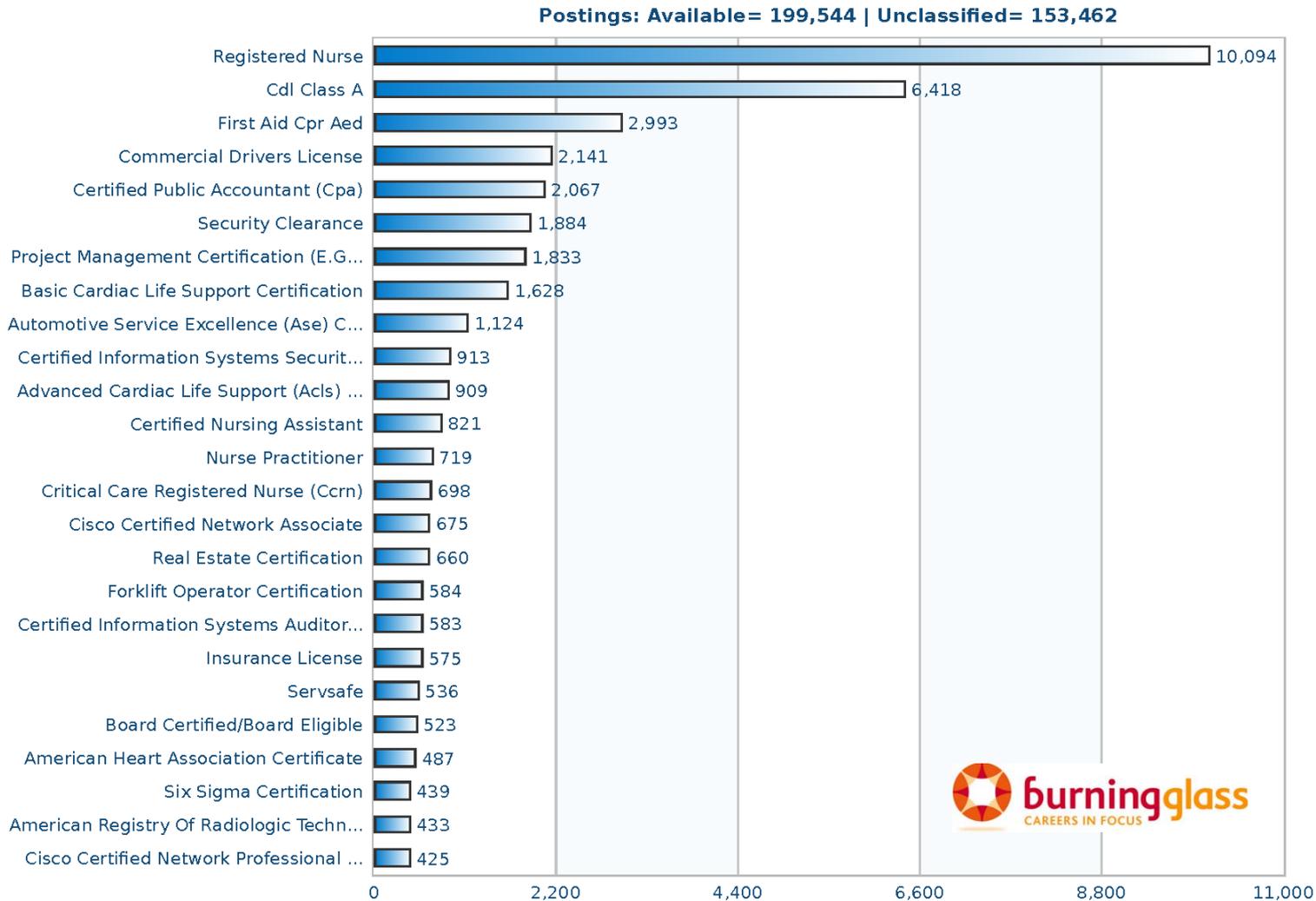
Many of these jobs do not require the completion of formal education beyond high school and are a part of Georgia's Go Build Program from the Governors Office of Workforce Development.

Education Codes
1 Doctoral or professional degree
2 Master's degree
3 Bachelor's degree
4 Associate's degree
5 Postsecondary non-degree award
6 Some college, no degree
7 High school diploma or equivalent

SOC Code	Occupational Title	License Title(s)	EDU Code	Annual Growth Rate	Annual Openings from Growth	Annual Openings from Replacement	Total Annual Openings
25-2021	Elementary School Teachers, Except Special Education	Elementary School Teachers	3	2.9%	1,390	930	2,320
		Preschool and Kindergarten Teacher					
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	Merchandise Dealer	7	1.8%	1,120	1,100	2,220
29-1141	Registered Nurses	Advanced Practice - CNM	4	1.5%	1,040	1,260	2,300
		Advanced Practice - CNS					
		Advanced Practice - CNS/PMH					
		Advanced Practice - CRNA					
		Advanced Practice - NP					
		Licensed Undergraduate Nurse					
13-2011	Accountants and Auditors	Certified Public Accountant	3	2.3%	1,010	1,160	2,170
		Foreign Accountant					
		Temporary Accountant					
25-9041	Teacher Assistants	Teacher Aides	6	2.2%	810	750	1,560
31-1014	Nursing Assistants	Qualified Medication Aide	5	1.9%	770	690	1,460
25-2022	Middle School Teachers, Except Special and Career/Technical Education	Middle School Teachers	3	2.9%	730	490	1,220
49-9071	Maintenance and Repair Workers, General	Utility Contractor	7	1.6%	720	810	1,530
		Utility Foreman					
		Utility Manager					
29-2061	Licensed Practical and Licensed Vocational Nurses	Licensed Practical Nurse	5	2.2%	570	570	1,140
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	High School Teachers	3	2.2%	540	590	1,130
		Special Education Teacher					
		Vocational Education Teacher					
29-1069	Physicians and Surgeons, All Other	Physician	1	3.5%	470	290	760
41-3099	Sales Representatives, Services, All Other	Auctioneer	7	2.5%	450	430	880
		Auctioneer-Non Resident					
33-9032	Security Guards	Employee - In-House Armed Security	7	1.2%	400	480	880
		Employee - Private Detective/Security Guard					
		Employee - Security Guard					
23-1011	Lawyers	Lawyer	1	1.8%	370	310	680
41-9022	Real Estate Sales Agents	Real Estate Agent	7	1.8%	310	150	460
		Salesperson					
Georgia Statewide Totals, All Occupations				1.5%	71,040	97,340	168,380

Georgia – Top Certifications - Job Postings by Certifications Required

Real-time LMI – 2nd Quarter 2016



This chart details the top twenty-five certifications listed in job postings data.

Approximately 77% of job postings do not provide information concerning special certifications sought. Many of the certifications listed separately are evident by the job title alone

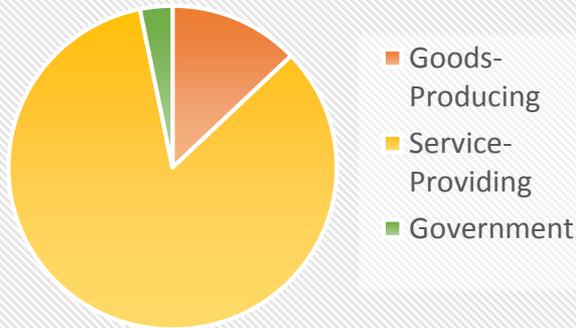


Georgia – Employment By Industry

Traditional LMI – Quarterly Census of Employment and Wages

This series of charts detail the industry in Georgia including the number of establishments, the average monthly employment and the average weekly wage.

Average Establishments



Top 5 Industry Sectors based on Employment



Georgia Industry Mix – Annual 2015

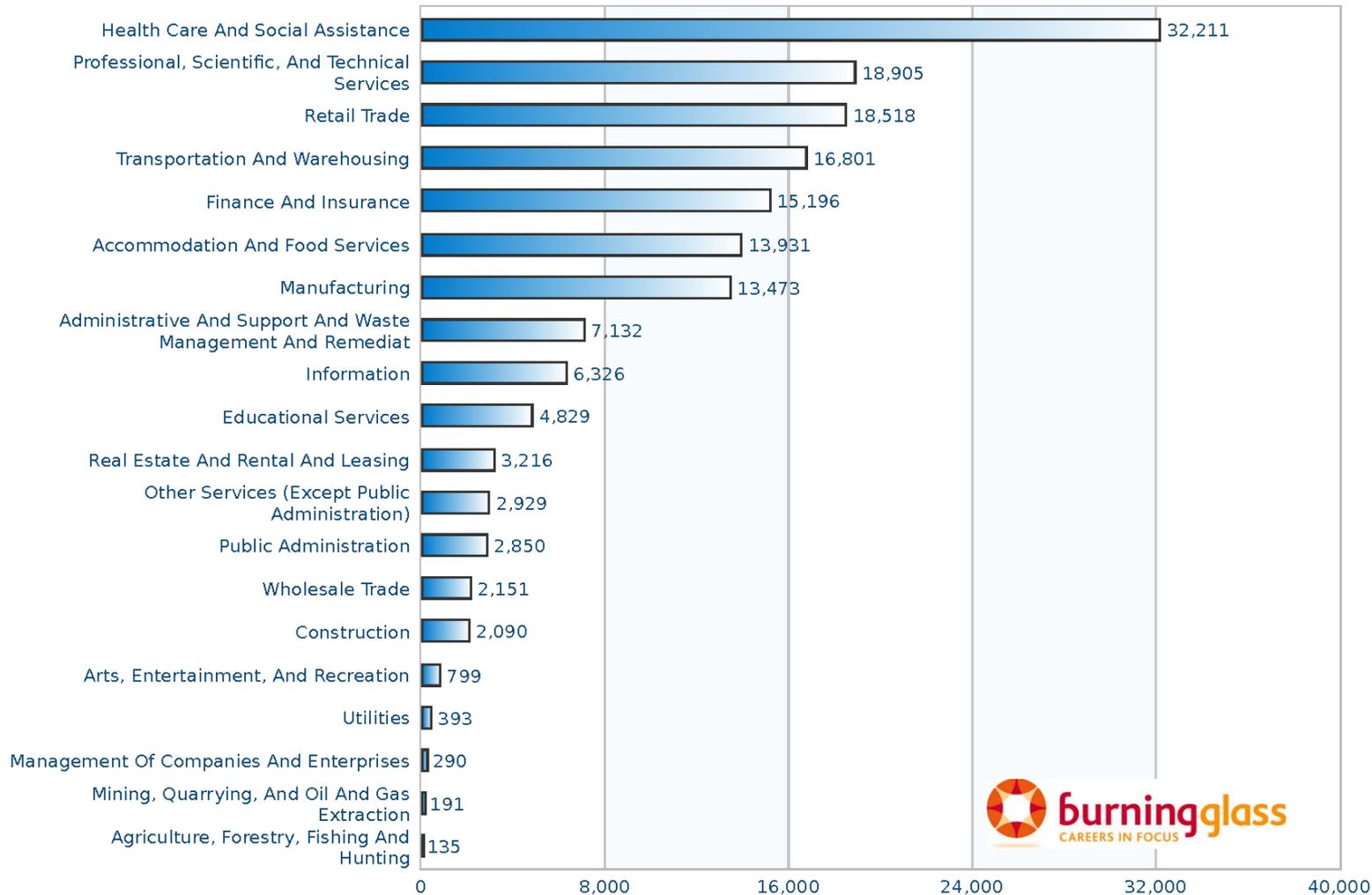
INDUSTRY	Average Number of Establishments	Average Monthly Employment	Average Monthly Percent	Average Weekly Wages
Goods-Producing	35,196	571,203	13.8	1,041
Agriculture, Forestry, Fishing & Hunting	2,519	25,242	0.6	626
Mining	242	4,839	0.1	1,243
Construction	22,591	165,329	4.0	1,018
Manufacturing	9,844	375,794	9.1	1,077
Service-Providing	229,781	2,923,602	70.4	950
Utilities	510	19,972	0.5	1,718
Wholesale Trade	23,930	216,386	5.2	1,426
Retail Trade	33,904	482,431	11.6	559
Transportation and Warehousing	7,474	175,710	4.2	1,085
Information	5,249	106,700	2.6	1,648
Finance and Insurance	15,574	162,351	3.9	1,642
Real Estate and Rental and Leasing	12,006	62,399	1.5	1,032
Professional, Scientific & Technical Svc	39,635	259,190	6.2	1,555
Management of Companies and Enterprises	1,670	65,558	1.6	2,069
Admin., Support, Waste Mgmt, Remediation	18,235	310,280	7.5	701
Education Services	3,317	67,656	1.6	970
Health Care and Social Assistance	24,325	448,623	10.8	934
Arts, Entertainment, and Recreation	3,492	46,239	1.1	641
Accommodation and Food Services	20,493	398,973	9.6	332
Other Services (except Public Admin.)	19,964	101,134	2.4	652
Public Administration	3	*	*	*
Unclassified - industry not assigned	22,341	18,380	0.4	1,128
Total - Private Sector	287,318	3,513,185	84.6	966
Total - Government	8,734	637,597	15.4	880
Federal Government	2,063	98,862	2.4	1,408
State Government	2,672	141,150	3.4	852
Local Government	3,999	397,585	9.6	759
ALL INDUSTRIES	296,052	4,150,782	100.0	953

Note: *Denotes confidential data relating to individual employers and cannot be released. These data use the North American Industrial Classification System (NAICS) categories. Average weekly wage is derived by dividing gross payroll dollars paid to all employees - both hourly and salaried - by the average number of employees who had earnings; average earnings are then divided by the number of weeks in a reporting period to obtain weekly figures. Figures in other columns may not sum accurately due to rounding. All data represent the Annual 2015.

Georgia – Top Industries - Job Postings by Industry Group

Real-time LMI – 2nd Quarter 2016

Postings: Available= 199,544 | Unclassified= 37,178



This chart details the top twenty industry groups listed in job postings data. These data are grouped using a two-digit industry group using NAICS (North American Industry Classification System) codes.

The industry group has not been determined for 19% of job postings due to lack of details provided within the posting.

The remaining job postings have been listed by the totals of all job postings as assigned to NAICS industry groups.



Data Source: Burning Glass Technology.

Reports Prepared By: Workforce Statistics and Economic Research, Georgia Department of Labor.

Georgia – Top Employers Based on Employment

Traditional LMI – Quarterly Census of Employment and Wages

These charts include a listing of the top fifty employers based on total employment and a size class chart illustrating the levels of employment based on the size of the company.

Employment by Size Class



Top 50 Employers in Georgia

All (Government and Private Sector) for Annual 2015

Employer Name

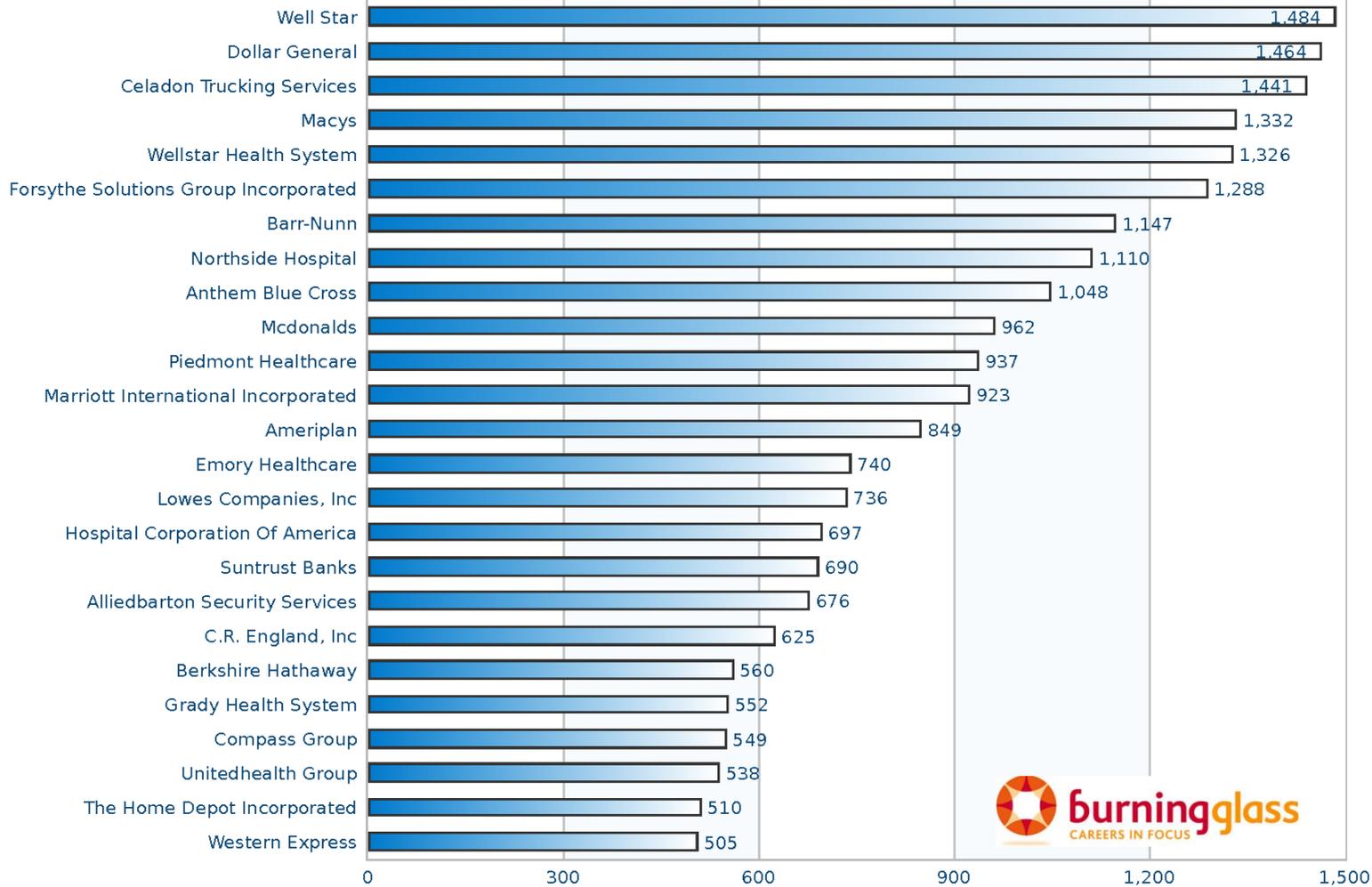
AT&T Services, Inc.	Ingles Markets, Inc.
Atlanta - City Municipal Government	Lockheed Martin Corp.
Atlanta Public School System	Lowes Home Centers, Inc.
Augusta University	Mohawk Carpet Distribution LP
Bank of America, N.A.	Northeast Georgia Medical Center, Inc.
Children's Healthcare of Atlanta	Northside Hospital
Clayton County School System	Pilgrim's Pride Corporation
Cobb County School System	Publix Super Markets, Inc.
Darden Restaurants, Inc.	Randstad U.S., LP
DeKalb County	Shaw Industries Group, Inc.
DeKalb County School System	State Farm Mutual Auto Insurance Company
Delta Air Lines, Inc.	SunTrust Bank
Department of Defense	Target
Dollar General	The Home Depot
Emory Healthcare, Inc.	The Kroger Company
Emory University	Turner Services, Inc.
Fulton County School System	United Parcel Service
GA Dept. Of Human Resources Family & Children	United States Postal Service
Georgia Department of Corrections	University of Georgia
Georgia Institute of Technology	US Dept. Of Health/Human Services
Georgia Power Company	US Dept. of Veterans Admin
Grady Health System	Waffle House, Inc.
Gulfstream Aerospace Corp.	Walmart
Gwinnett County School System	Wells Fargo Bank, N.A.
Henry County School System	Wellstar Health System, Inc.

Note: Employers are listed in alphabetical order only and are not ranked in any way.

Georgia – Top Employer - Job Postings by Employer Name

Real-time LMI – 2nd Quarter 2016

Postings: Available= 199,544 | Unclassified= 66,047



This chart details the top twenty-five employer names listed in job postings data.

Approximately 33% of job postings do not provide the actual employer name within the job details. The remaining postings have been ranked according to the numbers of postings listed by each employer.

