

Alabama High Demand Occupations 2014-2024

SOC	Occupations	Employment		Percent	Average Annual		
		2014	2024	Change*	Growth (%)	Openings	Salary (\$)
15-1132	Software Developers, Applications	4,910	5,860	19.43	1.78	165	93,782
29-1141	Registered Nurses	45,920	52,570	14.48	1.36	1,750	57,170
15-1121	Computer Systems Analysts	4,390	5,440	23.83	2.17	160	80,610
29-1123	Physical Therapists	2,120	2,820	33.22	2.89	125	86,538
17-2112	Industrial Engineers	4,380	5,000	14.16	1.33	190	86,347
15-1133	Software Developers, Systems Software	4,330	5,190	19.99	1.83	150	100,645
17-2141	Mechanical Engineers	3,480	4,100	17.57	1.65	170	89,020
13-2011	Accountants and Auditors	16,630	18,450	10.95	1.04	625	68,761
49-9041	Industrial Machinery Mechanics	10,120	12,570	24.19	2.19	505	51,054
29-1171	Nurse Practitioners	2,080	2,760	32.77	2.87	115	92,567
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	24,180	26,560	9.86	0.94	735	62,788
13-1111	Management Analysts	5,350	6,080	13.74	1.29	150	94,824
15-1151	Computer User Support Specialists	5,960	7,080	18.65	1.74	190	47,092
41-3021	Insurance Sales Agents	6,880	7,610	10.72	1.01	255	76,607
31-2021	Physical Therapist Assistants	1,850	2,610	40.93	3.50	130	54,728
49-3011	Aircraft Mechanics and Service Technicians	2,920	3,590	22.80	2.09	135	67,678
51-2092	Team Assemblers	35,680	45,000	26.10	2.35	1,695	34,897
29-1127	Speech-Language Pathologists	1,540	1,980	28.93	2.54	85	71,015
29-2061	Licensed Practical and Licensed Vocational Nurses	14,480	16,530	14.15	1.33	615	36,472
51-4041	Machinists	6,790	8,010	17.99	1.67	320	42,782
43-4051	Customer Service Representatives	30,420	34,080	12.02	1.14	1,115	32,476
47-2111	Electricians	9,630	10,780	11.90	1.13	260	46,877
29-1122	Occupational Therapists	1,200	1,530	28.26	2.46	55	82,640
13-2052	Personal Financial Advisors	2,280	2,690	18.06	1.67	100	127,515
31-9092	Medical Assistants	6,600	8,060	22.10	2.02	285	27,694
13-1161	Market Research Analysts and Marketing Specialists	3,010	3,580	18.92	1.75	95	60,814
39-9021	Personal Care Aides	13,850	18,040	30.27	2.68	530	18,669
17-2011	Aerospace Engineers	4,240	4,550	7.26	0.71	150	116,098
51-4121	Welders, Cutters, Solderers, and Brazers	9,490	10,600	11.62	1.11	380	39,644
15-2031	Operations Research Analysts	900	1,210	34.67	3.00	45	97,540
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,540	5,230	15.31	1.42	150	41,470
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,340	36,880	7.38	0.72	835	39,607
15-1142	Network and Computer Systems Administrators	4,710	5,130	8.92	0.86	105	72,130
31-1011	Home Health Aides	5,190	7,030	35.41	3.08	300	20,324
43-6013	Medical Secretaries	4,700	5,610	19.35	1.79	140	32,871
29-2011	Medical and Clinical Laboratory Technologists	2,430	2,790	14.93	1.39	95	54,417
21-1022	Healthcare Social Workers	2,340	2,790	19.13	1.77	100	47,343
31-1014	Nursing Assistants	23,820	27,350	14.81	1.39	890	23,034
35-2014	Cooks, Restaurant	14,890	17,360	16.53	1.55	640	22,060
49-9051	Electrical Power-Line Installers and Repairers	3,920	4,580	16.77	1.57	220	65,630

Note: Occupations were selected using unrounded data based on the descending order of average ranking based on four variables: growth, openings, wages, and Help Wanted Online job ads. Wages based on the 2016 employment and wage estimate file.

Data provided by the Alabama Department of Labor, Labor Market Information Division in cooperation with the Projections Managing Partnership, and the U.S. Bureau of Labor Statistics.

Totals in some occupational groups may not add due to exclusion of sub-groups and/or individual occupations with employment of less than 10 in the base (2014) and projected (2024) years or where publication of the occupation would violate confidentiality.

*** The data for these occupations are confidential according to standards provided by the U.S. Bureau of Labor Statistics.

1. Employment is rounded to the nearest 10. 2. Average Annual Growth is compounded and based on unrounded data.

3. Openings are rounded to the nearest 5. * Percent change is based on unrounded data.

Alabama High Demand Occupations Requiring Associate Degree and Under 2014-2024

SOC	Occupations	2014	Median Work Keys Scores*			Average Annual	
			Applied Math	Reading for Info	Locating Info	Openings	Salary (\$)
49-904	Industrial Machinery Mechanics	10,120	4	4	4	505	51,054
41-401	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	24,180	5	5	4	735	62,788
15-115	Computer User Support Specialists	5,960	4	4	4	190	47,092
41-302	Insurance Sales Agents	6,880	4	5	5	255	76,607
31-202	Physical Therapist Assistants	1,850	4	4	4	130	54,728
49-301	Aircraft Mechanics and Service Technicians	2,920	4	5	5	135	67,678
51-209	Team Assemblers	35,680	3	4	4	1,695	34,897
29-206	Licensed Practical and Licensed Vocational Nurses	14,480	4	4	4	615	36,472
51-404	Machinists	6,790	4	4	4	320	42,782
43-405	Customer Service Representatives	30,420	4	4	4	1,115	32,476
47-211	Electricians	9,630	4	5	5	260	46,877
31-909	Medical Assistants	6,600	4	5	4	285	27,694
39-902	Personal Care Aides	13,850	3	4	4	530	18,669
51-412	Welders, Cutters, Solderers, and Brazers	9,490	3	3	4	380	39,644
49-303	Bus and Truck Mechanics and Diesel Engine Specialists	4,540	3	4	4	150	41,470
53-303	Heavy and Tractor-Trailer Truck Drivers	34,340	3	4	4	835	39,607
31-101	Home Health Aides	5,190	3	4	4	300	20,324
43-601	Medical Secretaries	4,700	3	5	4	140	32,871
31-101	Nursing Assistants	23,820	3	4	4	890	23,034
35-201	Cooks, Restaurant	14,890	3	3	4	640	22,060
49-905	Electrical Power-Line Installers and Repairers	3,920	4	4	4	220	65,630
49-902	Heating, A/C, and Refrigeration Mechanics and Installers	5,080	4	4	4	150	39,937
47-206	Construction Laborers	10,420	3	4	4	340	28,899
35-302	Combined Food Preparation and Serving Workers, Including Fast Food	46,320	3	3	3	2,080	18,365
51-906	Inspectors, Testers, Sorters, Samplers, and Weighers	11,040	3	4	4	405	34,513
53-706	Laborers and Freight, Stock, and Material Movers, Hand	40,870	3	3	4	1,615	24,880
49-907	Maintenance and Repair Workers, General	15,420	4	4	4	515	38,343
47-203	Carpenters	11,890	4	4	4	255	37,221
43-302	Billing and Posting Clerks	7,470	4	4	4	265	33,549
43-417	Receptionists and Information Clerks	14,060	3	4	4	530	25,445
29-204	Emergency Medical Technicians and Paramedics	3,610	3	5	4	155	28,806
43-508	Stock Clerks and Order Fillers	22,190	3	3	4	910	25,000
47-215	Plumbers, Pipefitters, and Steamfitters	5,930	4	4	4	135	41,922
51-401	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,670	4	4	4	105	37,084
29-202	Dental Hygienists	3,040	3	4	4	100	44,972
53-705	Industrial Truck and Tractor Operators	9,670	3	3	3	330	32,415
41-203	Retail Salespersons	59,990	3	4	4	2,525	27,075
31-909	Dental Assistants	3,390	3	4	4	140	32,922
49-302	Automotive Service Technicians and Mechanics	9,220	4	4	4	305	39,685
31-201	Occupational Therapy Assistants	500	4	4	4	35	58,900

Note: Occupations were selected using unrounded data based on the descending order of the average ranking based on four variables: growth, openings, wages, and Help Wanted Online job ads. Wages based on the May 2016 OES employment and wage estimate file.

Data provided by the Alabama Department of Labor, Labor Market Information Division in cooperation with the Projections Managing Partnership, and the U.S. Bureau of Labor Statistics. * Median Work Keys Scores represent employer identified skills and skill levels (by occupation) required for both current and prospective employees to be successful on the job. Work Keys Scores scale is from one (low skill requirement) to seven (high skill requirement). Totals in some occupational groups may not add due to exclusion of sub-groups and/or individual occupations with employment of less than 10 in the base (2014) and projected (2024) years or where publication of the occupation would violate confidentiality. *** The data for these occupations are confidential according to standards provided by the U.S. Bureau of Labor Statistics. 1. Employment is rounded to the nearest 10. 2. Average Annual Growth is compounded. 3. Openings are rounded to the nearest 5. * Percent change is based on unrounded data.

Alabama Fast Growing Occupations 2014-2024

SOC	Occupations	Employment		Percent	Average Annual	
		2014	2024	Change*	Growth (%)	Openings
31-2011	Occupational Therapy Assistants	500	730	45.71	3.86	35
31-2021	Physical Therapist Assistants	1,850	2,610	40.93	3.50	130
31-2022	Physical Therapist Aides	610	840	36.66	3.25	40
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	580	790	36.51	3.14	30
31-1011	Home Health Aides	5,190	7,030	35.41	3.08	300
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	550	740	35.35	3.01	35
15-2031	Operations Research Analysts	900	1,210	34.67	3.00	45
29-1071	Physician Assistants	520	700	34.42	3.02	30
29-1123	Physical Therapists	2,120	2,820	33.22	2.89	125
29-1171	Nurse Practitioners	2,080	2,760	32.77	2.87	115
29-9091	Athletic Trainers	460	610	32.68	2.86	25
51-2091	Fiberglass Laminators and Fabricators	780	1,040	32.61	2.92	45
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,670	2,190	31.06	2.75	105
39-9021	Personal Care Aides	13,850	18,040	30.27	2.68	530
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1,470	1,890	28.95	2.54	70
29-1127	Speech-Language Pathologists	1,540	1,980	28.93	2.54	85
15-1134	Web Developers	760	970	28.67	2.47	30
29-1122	Occupational Therapists	1,200	1,530	28.26	2.46	55
29-2041	Emergency Medical Technicians and Paramedics	3,610	4,580	26.81	2.41	155
31-9097	Phlebotomists	2,140	2,700	26.53	2.35	100

Note: The 20 Occupations were selected based on the highest annual average growth using the unrounded data plus the following criteria:
 1) Employment of at least 10. 2) At least 5 annual average openings.

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Alabama Declining Occupations 2014-2024

Soc	Occupations	Employment		Net Change	Percent Change*
		2014	2024		
43-3031	Bookkeeping, Accounting, and Auditing Clerks	24,790	23,020	-1,770	-7.17
43-5052	Postal Service Mail Carriers	5,030	3,750	-1,280	-25.34
35-2011	Cooks, Fast Food	8,340	7,130	-1,210	-14.48
43-3071	Tellers	9,280	8,320	-960	-10.37
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	5,680	5,060	-620	-10.83
15-1131	Computer Programmers	6,380	5,840	-540	-8.45
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	2,480	1,980	-500	-20.17
43-2011	Switchboard Operators, Including Answering Service	1,440	960	-480	-33.38
51-6031	Sewing Machine Operators	3,040	2,600	-440	-14.57
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	1,050	620	-430	-40.78
43-3011	Bill and Account Collectors	4,870	4,510	-360	-7.41
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,040	700	-340	-32.88
43-5051	Postal Service Clerks	1,250	940	-310	-25.32
43-6011	Executive Secretaries and Executive Administrative Assistants	4,060	3,810	-250	-5.99
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	4,440	4,210	-230	-5.27
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,920	1,690	-230	-11.63
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,680	1,460	-220	-12.77
35-2015	Cooks, Short Order	2,800	2,610	-190	-6.86
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,170	990	-180	-14.82
47-5061	Roof Bolters, Mining	***	***	***	-36.15

Note: The 20 Occupations that are projected to experience the largest decline over the projected period were selected using the unrounded data plus and based on two variables: 1) net drop in employment over the reporting period; and, 2) percentage drop in employment over the reporting period.

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