

Alabama High Demand Occupations 2016-2026

SOC	Occupations	Employment		Percent Change	Average Annual		
		2016	2026		Growth (%)	Openings	Salary (\$)
15-1132	Software Developers, Applications	5,230	7,010	34.09	2.97	565	92,359
31-9092	Medical Assistants	7,360	9,180	24.81	2.23	1,055	27,731
17-2112	Industrial Engineers	4,850	6,310	30.00	2.67	500	87,883
29-1141	Registered Nurses	49,210	55,560	12.90	1.22	3,275	57,887
31-1011	Home Health Aides	5,590	7,750	38.62	3.32	960	20,728
43-6013	Medical Secretaries	5,160	6,110	18.53	1.70	695	32,839
49-9041	Industrial Machinery Mechanics	10,560	12,830	21.50	1.97	1,225	50,747
51-2092	Team Assemblers	36,110	43,560	20.64	1.89	5,330	34,092
51-4121	Welders, Cutters, Solderers, and Brazers	10,490	12,110	15.44	1.45	1,345	39,906
15-1151	Computer User Support Specialists	6,050	6,850	13.33	1.25	545	48,528
13-1111	Management Analysts	5,590	6,460	15.55	1.46	590	93,472
15-1133	Software Developers, Systems Software	4,260	5,020	17.93	1.66	365	103,376
49-3011	Aircraft Mechanics and Service Technicians	2,770	3,820	38.11	3.27	355	***
13-1161	Market Research Analysts and Marketing Specialists	3,290	4,000	21.72	1.97	420	59,206
53-7051	Industrial Truck and Tractor Operators	10,410	11,650	11.95	1.13	1,335	33,769
17-2141	Mechanical Engineers	3,560	4,320	21.17	1.95	320	89,991
31-2021	Physical Therapist Assistants	1,950	2,550	31.05	2.72	325	55,020
49-9021	Heating, A/C, & Refrigeration Mechanics & Installers	5,700	6,470	13.61	1.28	655	40,971
29-1123	Physical Therapists	2,620	3,260	24.40	2.21	180	88,356
17-2011	Aerospace Engineers	4,340	4,960	14.30	1.34	335	116,002
53-7062	Laborers and Freight, Stock, and Material Movers	43,220	47,010	8.75	0.84	6,470	25,505
17-2071	Electrical Engineers	4,490	5,100	13.49	1.28	360	97,844
31-9097	Phlebotomists	2,390	3,040	27.49	2.43	340	29,473
53-3032	Heavy and Tractor-Trailer Truck Drivers	35,350	37,550	6.22	0.61	4,055	40,077
13-2011	Accountants and Auditors	17,380	18,920	8.86	0.85	1,735	69,646
47-2152	Plumbers, Pipefitters, and Steamfitters	5,460	6,040	10.56	1.01	650	42,983
15-1122	Information Security Analysts	940	1,290	36.98	3.22	110	89,324
37-3011	Landscaping and Groundskeeping Workers	17,410	18,880	8.41	0.81	2,290	25,178
29-1171	Nurse Practitioners	2,760	3,600	30.24	2.69	235	94,884
49-9071	Maintenance and Repair Workers, General	16,060	17,320	7.88	0.76	1,735	37,902
15-1121	Computer Systems Analysts	3,770	4,180	11.07	1.04	295	81,965
51-4041	Machinists	6,410	7,100	10.67	1.03	745	42,649
41-4012	Sales Reps, Wholesale and Manufacturing, Except Technical and Scientific Products	24,700	26,590	7.66	0.74	2,755	62,387
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	4,980	5,450	9.49	0.91	505	42,434
17-3026	Industrial Engineering Technicians	1,080	1,410	30.95	2.70	140	58,781
29-1126	Respiratory Therapists	2,430	2,970	21.98	2.03	180	48,868
29-2041	Emergency Medical Technicians and Paramedics	4,080	4,830	18.55	1.70	335	29,719
43-4051	Customer Service Representatives	31,710	33,790	6.55	0.64	4,340	32,977
47-2061	Construction Laborers	10,850	11,670	7.58	0.73	1,215	29,364
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,990	2,400	20.63	1.89	255	37,674

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. Wage data is based on the May 2017 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.

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 (2016) and projected (2026) 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 High Demand Occupations Requiring Associate Degree and Under 2016-2026

SOC	Occupations	2016	Median Work Keys Scores*			Average Annual	
			Applied Math	Graphic Literacy	Workplace Documents	Openings	Salary (\$)
31-9092	Medical Assistants	7,360	4	4	4	1,055	27,731
29-1141	Registered Nurses	49,210	5	4	5	3,275	57,887
31-1011	Home Health Aides	5,590	3	4	4	960	20,728
43-6013	Medical Secretaries	5,160	3	4	5	695	32,839
49-9041	Industrial Machinery Mechanics	10,560	4	4	4	1,225	50,747
51-2092	Team Assemblers	36,110	3	4	4	5,330	34,092
51-4121	Welders, Cutters, Solderers, and Brazers	10,490	3	4	3	1,345	39,906
15-1151	Computer User Support Specialists	6,050	4	4	4	545	48,528
49-3011	Aircraft Mechanics and Service Technicians	2,770	4	5	5	355	***
53-7051	Industrial Truck and Tractor Operators	10,410	3	3	3	1,335	33,769
31-2021	Physical Therapist Assistants	1,950	4	4	4	325	55,020
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	5,700	4	4	4	655	40,971
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	43,220	3	4	3	6,470	25,505
31-9097	Phlebotomists	2,390	3	4	4	340	29,473
53-3032	Heavy and Tractor-Trailer Truck Drivers	35,350	3	4	4	4,055	40,077
47-2152	Plumbers, Pipefitters, and Steamfitters	5,460	4	4	4	650	42,983
37-3011	Landscaping and Groundskeeping Workers	17,410	3	4	3	2,290	25,178
49-9071	Maintenance and Repair Workers, General	16,060	4	4	4	1,735	37,902
51-4041	Machinists	6,410	4	4	4	745	42,649
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	24,700	5	4	5	2,755	62,387
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,980	3	4	4	505	42,434
17-3026	Industrial Engineering Technicians	1,080	4	4	4	140	58,781
29-1126	Respiratory Therapists	2,430	5	5	6	180	48,868
29-2041	Emergency Medical Technicians and Paramedics	4,080	3	4	5	335	29,719
43-4051	Customer Service Representatives	31,710	4	4	4	4,340	32,977
47-2061	Construction Laborers	10,850	3	4	4	1,215	29,364
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,990	4	4	4	255	37,674
39-9021	Personal Care Aides	15,870	3	4	4	3,020	18,662
35-2014	Cooks, Restaurant	15,750	3	4	3	2,540	22,636
41-3021	Insurance Sales Agents	7,140	4	5	5	795	78,861
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	34,430	3	3	3	4,870	22,933
31-9091	Dental Assistants	3,520	3	4	4	475	33,493
43-3021	Billing and Posting Clerks	7,000	4	4	4	810	33,869
23-2011	Paralegals and Legal Assistants	2,920	3	3	6	350	44,740
43-5061	Production, Planning, and Expediting Clerks	2,610	4	4	4	305	47,661
29-2052	Pharmacy Technicians	7,320	4	4	4	660	29,165
43-5081	Stock Clerks and Order Fillers	23,690	3	4	3	3,240	25,359
21-1093	Social and Human Service Assistants	1,660	4	4	4	220	26,767
29-2061	Licensed Practical and Licensed Vocational Nurses	13,370	4	4	4	1,070	36,829
31-1014	Nursing Assistants	23,840	3	4	4	2,920	23,054

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 2017 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 (2016) and projected (2026) 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 2016-2026

SOC	Occupations	Employment		Percent	Average Annual	
		2016	2026	Change*	Growth (%)	Openings
31-1011	Home Health Aides	5,590	7,750	38.62	3.32	960
49-3011	Aircraft Mechanics and Service Technicians	2,770	3,820	38.11	3.27	355
15-1122	Information Security Analysts	940	1,290	36.98	3.22	110
49-2091	Avionics Technicians	560	760	36.98	3.10	70
29-1071	Physician Assistants	710	970	36.66	3.17	70
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	610	830	35.35	3.13	90
51-2091	Fiberglass Laminators and Fabricators	750	1,010	34.71	3.02	130
15-1132	Software Developers, Applications	5,230	7,010	34.09	2.97	565
31-2011	Occupational Therapy Assistants	500	660	31.40	2.82	85
31-2021	Physical Therapist Assistants	1,950	2,550	31.05	2.72	325
17-3026	Industrial Engineering Technicians	1,080	1,410	30.95	2.70	140
15-2031	Operations Research Analysts	850	1,110	30.93	2.70	85
29-1171	Nurse Practitioners	2,760	3,600	30.24	2.69	235
17-2112	Industrial Engineers	4,850	6,310	30.00	2.67	500
39-9021	Personal Care Aides	15,870	20,570	29.58	2.63	3,020
31-9092	Medical Assistants	7,360	9,180	24.81	2.23	1,055
29-1123	Physical Therapists	2,620	3,260	24.40	2.21	180
31-9097	Phlebotomists	2,390	3,040	27.49	2.43	340
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	540	670	25.79	2.18	75
53-6051	Transportation Inspectors	420	580	38.46	3.28	65

Note: 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 2016-2026

SOC	Occupations	Employment		Net Change	Percent Change*
		2016	2026		
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	50,990	47,310	-3,680	-7.21
43-3071	Tellers	9,140	8,170	-970	-10.66
43-6011	Executive Secretaries and Executive Administrative Assistants	4,010	3,290	-720	-17.82
43-6012	Legal Secretaries	4,020	3,330	-690	-17.04
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	4,200	3,690	-510	-12.25
33-3012	Correctional Officers and Jailers	5,760	5,260	-500	-8.83
43-5052	Postal Service Mail Carriers	5,170	4,670	-500	-9.74
15-1131	Computer Programmers	6,790	6,300	-490	-7.19
51-6031	Sewing Machine Operators	3,340	2,960	-380	-11.18
43-9021	Data Entry Keyers	1,710	1,350	-360	-21.08
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	1,990	1,630	-360	-17.96
43-3011	Bill and Account Collectors	4,450	4,120	-330	-7.33
43-2011	Switchboard Operators, Including Answering Service	1,310	1,000	-310	-23.72
51-2041	Structural Metal Fabricators and Fitters	2,650	2,350	-300	-11.58
27-4021	Photographers	1,460	1,160	-300	-20.25
51-2022	Electrical and Electronic Equipment Assemblers	2,810	2,580	-230	-8.26
43-9011	Computer Operators	760	570	-190	-24.07
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	900	740	-160	-18.07
41-3011	Advertising Sales Agents	1,660	1,500	-160	-9.34
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,000	860	-140	-14.17

Note: The 20 Occupations that are projected to experience the largest decline over the projected period were selected using the unrounded data 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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 * Percent change is based on unrounded data.