

## Alabama High Demand Occupations 2012-2022

SOC	Occupations	Employment		Percent	Average Annual		
		2012	2022	Change (%)*	Growth (%)	Openings	Salary
25-1042	Biological Science Teachers, Postsecondary	1,730	2,460	41.87	3.58	100	\$124,456
25-1071	Health Specialties Teachers, Postsecondary	2,460	3,310	34.46	3.01	120	\$108,163
29-1123	Physical Therapists	2,290	3,080	34.66	3.01	135	\$83,459
15-1121	Computer Systems Analysts	5,840	7,400	26.58	2.40	245	\$79,202
29-1171	Nurse Practitioners	1,750	2,300	31.83	2.77	90	\$88,318
15-1132	Software Developers, Applications	3,740	4,630	23.82	2.16	135	\$91,070
31-2021	Physical Therapist Assistants	1,870	2,680	43.42	3.66	125	\$53,714
13-1111	Management Analysts	5,880	7,120	21.03	1.93	215	\$90,315
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	10,790	13,270	22.92	2.09	365	\$55,989
15-1133	Software Developers, Systems Software	3,430	4,180	21.82	2.00	120	\$96,298
29-2021	Dental Hygienists	3,050	3,970	30.23	2.67	170	\$46,531
13-1051	Cost Estimators	2,590	3,220	24.64	2.20	145	\$56,974
15-1151	Computer User Support Specialists	7,390	9,310	25.85	2.34	305	\$45,150
25-1072	Nursing Instructors and Teachers, Postsecondary	1,370	1,830	33.21	2.94	65	\$66,658
13-1081	Logisticians	3,880	4,700	21.14	1.94	125	\$81,276
13-2052	Personal Financial Advisors	1,120	1,430	28.18	2.47	50	\$101,706
29-1141	Registered Nurses	45,970	54,620	18.82	1.74	1,755	\$55,869
13-1161	Market Research Analysts and Marketing Specialists	2,380	3,010	26.69	2.38	95	\$58,334
15-1122	Information Security Analysts	1,030	1,360	31.95	2.82	50	\$78,810
51-2031	Engine and Other Machine Assemblers	2,150	3,440	59.84	4.81	165	\$35,687
29-1122	Occupational Therapists	1,140	1,510	32.54	2.85	50	\$73,262
11-9111	Medical and Health Services Managers	2,420	2,910	20.27	1.86	110	\$93,757
11-9021	Construction Managers	4,720	5,590	18.55	1.71	160	\$89,682
11-3021	Computer and Information Systems Managers	2,930	3,500	19.47	1.79	100	\$119,169
29-2032	Diagnostic Medical Sonographers	1,130	1,630	44.59	3.73	65	\$47,758
49-9041	Industrial Machinery Mechanics	9,300	11,140	19.74	1.82	455	\$48,790
29-2061	Licensed Practical and Licensed Vocational Nurses	14,550	17,960	23.38	2.13	695	\$35,178
21-1022	Healthcare Social Workers	2,520	3,190	26.67	2.39	120	\$44,080
29-1071	Physician Assistants	430	580	36.07	3.04	25	\$88,677
29-1061	Anesthesiologists	680	850	23.54	2.26	35	\$245,745
43-6013	Medical Secretaries	4,450	6,010	35.12	3.05	210	\$29,313
47-2031	Carpenters	11,160	13,910	24.59	2.23	410	\$32,267
51-2092	Team Assemblers	29,770	36,220	21.67	1.98	1,115	\$33,751
39-9021	Personal Care Aides	10,730	15,700	46.41	3.88	575	\$17,830
31-1011	Home Health Aides	8,340	11,730	40.57	3.47	495	\$19,206
11-1021	General and Operations Managers	27,430	30,970	12.91	1.22	865	\$119,850
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	2,060	2,720	31.89	2.82	125	\$33,367
29-1051	Pharmacists	5,160	5,890	14.11	1.33	195	\$119,015
29-2012	Medical and Clinical Laboratory Technicians	2,210	2,820	27.74	2.47	120	\$35,849
29-1127	Speech-Language Pathologists	1,200	1,480	23.09	2.12	45	\$65,139

Note: Occupations were selected using unrounded data based on the descending order of average ranking based on three variables: growth, openings, and wages. May 2014 wage data based on the May 2013 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 (2012) and projected (2022) 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, Associates Degree and Under 2012-2022

SOC	Occupations	Employment		Percent	Average Annual		
		2012	2022	Change (%)*	Growth (%)	Openings	Salary (\$)
31-2021	Physical Therapist Assistants	1,870	2,680	43.42	3.66	125	53,714
47-1011	Supervisors of Construction Trades & Extraction Workers	10,790	13,270	22.92	2.09	365	55,989
29-2021	Dental Hygienists	3,050	3,970	30.23	2.67	170	46,531
15-1151	Computer User Support Specialists	7,390	9,310	25.85	2.34	305	45,150
29-1141	Registered Nurses	45,970	54,620	18.82	1.74	1,755	55,869
51-2031	Engine and Other Machine Assemblers	2,150	3,440	59.84	4.81	165	35,687
29-2032	Diagnostic Medical Sonographers	1,130	1,630	44.59	3.73	65	47,758
49-9041	Industrial Machinery Mechanics	9,300	11,140	19.74	1.82	455	48,790
29-2061	Licensed Practical and Licensed Vocational Nurses	14,550	17,960	23.38	2.13	695	35,178
43-6013	Medical Secretaries	4,450	6,010	35.12	3.05	210	29,313
47-2031	Carpenters	11,160	13,910	24.59	2.23	410	32,267
51-2092	Team Assemblers	29,770	36,220	21.67	1.98	1,115	33,751
39-9021	Personal Care Aides	10,730	15,700	46.41	3.88	575	17,830
31-1011	Home Health Aides	8,340	11,730	40.57	3.47	495	19,206
51-4011	Computer Controlled Machine Tool Ops, Metal & Plastic	2,060	2,720	31.89	2.82	125	33,367
29-2012	Medical and Clinical Laboratory Technicians	2,210	2,820	27.74	2.47	120	35,849
47-2111	Electricians	10,070	11,880	18.02	1.67	370	43,197
29-2041	Emergency Medical Technicians and Paramedics	3,300	4,220	28.05	2.49	180	29,374
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1,560	2,060	32.12	2.82	90	34,727
31-2011	Occupational Therapy Assistants	360	530	49.58	3.94	25	55,187
51-4041	Machinists	6,020	7,220	19.92	1.83	260	38,512
31-9092	Medical Assistants	6,920	8,800	27.06	2.43	320	25,598
47-2061	Construction Laborers	12,060	14,860	23.25	2.11	540	26,614
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1,960	2,460	25.61	2.30	80	42,413
49-9021	HVAC, and Refrigeration Mechanics and Installers	4,910	5,890	19.89	1.84	220	39,170
49-9062	Medical Equipment Repairers	660	870	32.32	2.80	40	44,244
29-2031	Cardiovascular Technologists and Technicians	840	1,100	30.60	2.73	40	44,696
53-2012	Commercial Pilots	1,180	1,390	17.23	1.65	55	83,943
29-2034	Radiologic Technologists	3,550	4,220	18.85	1.74	115	45,463
47-3013	Helpers--Electricians	1,860	2,490	34.16	2.96	90	26,318
29-2055	Surgical Technologists	1,970	2,500	27.25	2.41	75	33,994
47-2051	Cement Masons and Concrete Finishers	1,740	2,210	26.93	2.42	65	35,145
47-2141	Painters, Construction and Maintenance	3,970	4,800	20.98	1.92	145	31,982
31-9091	Dental Assistants	3,060	3,720	21.51	1.97	130	30,809
47-2021	Brickmasons and Blockmasons	840	1,140	35.19	3.10	40	34,817
21-1011	Substance Abuse & Behavioral Disorder Counselors	760	990	29.62	2.68	40	38,540
29-2071	Medical Records & Health Information Technicians	2,750	3,330	21.22	1.93	130	30,756
27-1026	Merchandise Displayers and Window Trimmers	4,120	5,010	21.80	1.98	200	24,986
43-3021	Billing and Posting Clerks	6,810	8,090	18.87	1.74	255	30,390
41-4012	Sales Reps, Wholesale & Manufacturing, Except Technical and Scientific Products	25,380	28,340	11.66	1.11	790	63,394

Note: Occupations were selected using unrounded data based on the descending order of average ranking based on three variables: growth, openings, and wages. May 2014 wage data based on the May 2013 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 (2012) and projected (2022) 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 2012-2022

SOC	Occupations	Employment		Percent	Average Annual	
		2012	2022	Change (%)*	Growth (%)	Openings
51-2031	Engine and Other Machine Assemblers	2,150	3,440	59.84	4.81	165
31-2011	Occupational Therapy Assistants	360	530	49.58	3.94	25
39-9021	Personal Care Aides	10,730	15,700	46.41	3.88	575
29-2032	Diagnostic Medical Sonographers	1,130	1,630	44.59	3.73	65
31-2021	Physical Therapist Assistants	1,870	2,680	43.42	3.66	125
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	290	410	42.27	3.52	20
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	340	490	41.98	3.72	20
25-1042	Biological Science Teachers, Postsecondary	1,730	2,460	41.87	3.58	100
47-2132	Insulation Workers, Mechanical	550	770	40.62	3.42	30
31-1011	Home Health Aides	8,340	11,730	40.57	3.47	495
27-3091	Interpreters and Translators	360	500	38.55	3.34	20
29-1071	Physician Assistants	430	580	36.07	3.04	25
13-1121	Meeting, Convention, and Event Planners	470	640	35.39	3.14	25
47-2021	Brickmasons and Blockmasons	840	1,140	35.19	3.10	40
43-6013	Medical Secretaries	4,450	6,010	35.12	3.05	210
29-1123	Physical Therapists	2,290	3,080	34.66	3.01	135
25-1071	Health Specialties Teachers, Postsecondary	2,460	3,310	34.46	3.01	120
47-3013	Helpers--Electricians	1,860	2,490	34.16	2.96	90
29-2099	Health Technologists and Technicians, All Other	590	790	33.96	2.96	25
31-2022	Physical Therapist Aides	540	720	33.58	2.92	30

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.

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 (2012) and projected (2022) 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 Declining Occupations 2012-2022

Soc	Occupations	Employment		Net Change	Percent Change (%)*
		2012	2022		
11-9013	Farmers, Ranchers, and Other Agricultural Managers	31,220	26,250	-4,970	-15.91
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	13,140	11,750	-1,390	-10.53
43-5052	Postal Service Mail Carriers	4,910	3,600	-1,310	-26.78
51-6031	Sewing Machine Operators	3,740	2,740	-1,000	-26.82
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	2,430	1,840	-590	-24.09
43-9021	Data Entry Keyers	2,210	1,710	-500	-22.45
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,320	930	-390	-29.70
43-5051	Postal Service Clerks	1,020	700	-320	-31.87
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,340	2,060	-280	-11.77
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	1,030	780	-250	-24.17
43-2011	Switchboard Operators, Including Answering Service	1,730	1,490	-240	-14.09
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	520	320	-200	-39.16
45-4021	Fallers	480	290	-190	-39.67
43-9011	Computer Operators	1,060	890	-170	-15.64
51-3023	Slaughterers and Meat Packers	700	560	-140	-19.46
43-9022	Word Processors and Typists	590	450	-140	-22.79
43-9071	Office Machine Operators, Except Computer	1,220	1,090	-130	-10.84
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	730	600	-130	-17.24
43-5041	Meter Readers, Utilities	770	660	-110	-14.12
47-5061	Roof Bolters, Mining	530	420	-110	-20.83

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.

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 (2012) and projected (2022) 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.