

State of Alabama

STATEWIDE OCCUPATIONAL PROJECTIONS

2022-2024 Short-Term Employment



ALABAMA DEPARTMENT OF LABOR
LABOR MARKET INFORMATION DIVISION

State of Alabama

Short-Term Occupational Projections

Employment by Occupation 2022 – 2024
March 2023

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Introduction

The tables in this publication were prepared to assist in the planning and developing of educational and training programs to meet future employment needs and to aid in the guidance of young people making career choices.

To provide planners with beneficial information, the Department of Labor developed the Occupational Employment Statistics (OES) program. This is a Federal-State cooperative program involving the Employment and Training Administration, the Bureau of Labor Statistics, and various state agencies. The projected employment needs presented in this publication represent one aspect of the program, the National-State, Industry-Occupation Employment Matrix.

The projections in this publication cover the state of Alabama. In developing the employment projections, the following assumptions concerning economic conditions were made:

- Industry employment in the state of Alabama will increase by 2.9 percent over the projection period which equates to an average rate of 1.46 percent per year.
- Major events, such as a widespread, long-lasting energy shortage or a war, will not significantly alter the industrial structure of the economy or the rate of economic growth.
- Current technological, scientific, and social trends such as values placed on work, education, income and leisure will continue.

This publication, based on the total employment concept, includes wage and salary employment, self-employed, the unpaid family members of a family business, agricultural workers, and those employed in private households as domestic workers.

Because of the limitations inherent in any set of occupational projections, it is important to emphasize that the figures in the tables be viewed more as indicators of relative magnitude and probable direction than as exact estimates of occupational demand.

Highlights

The number of Alabama workers in various occupations is expected to increase approximately 2,700 jobs for a total of 2.21 million workers by 2024. Attaining this employment level is projected to include 106,225 openings from exits, 149,620 from transfers, and 1,380 from growth annually. Annual total openings are projected to be around approximately 257,225. The total number of projected workers by major occupation groupings include:

- 762,980 employees in various professional
- 544,640 employees in service and sales
- 247,000 employees in office and administrative support
- 102,730 employees in construction and extraction
- 32,290 employees in farming, fishing, and forestry
- 523,370 employees in installation and maintenance, production, and transportation

The University of Alabama Center for Business and Economic Research (CBER) optimistically predicts that most major occupational groups will see growth over the two-year period.

Manufacturing (NAICS 31) is projected to add the highest number of jobs (3,830) over the projection period. The Information industry (NAICS 51) is projected to have the highest percent growth at 4.45 percent. Professional and Business Services and Natural Resources and Mining are projected to have the next highest growth at, annually, 1.50 and 0.82 percent, respectively.

Education and Health Services is expected to gain 2,160 new jobs by 2024. Growth in Elementary and Secondary Schools contributes most of these gains at 1,140 new jobs.

The top five fastest growing industries over the projection period fall under Manufacturing and include: Motor Vehicle Body and Trailer Manufacturing, Railroad Rolling Stock Manufacturing, Medical Equipment and Supplies Manufacturing, Other Transportation Equipment Manufacturing, and Other Fabricated Metal Product Manufacturing, respectively.

By 2024, occupations requiring a high school diploma, or equivalent, or no formal educational credential will account for 64.2 percent of jobs in Alabama. Occupations requiring a high school diploma or equivalent will typically require no previous work experience and short- or medium-term on-the-job training for entry.

Business and Financial Operations Occupations are projected to have the highest net increase of 1,450 over the period. Food Preparation and Serving Related Workers are projected to decrease over the 2022-2024 period by -0.87 percent; but, even with negative growth, they show the highest number of annual total openings (29,740) due to high numbers of workers exiting or transferring out of these occupations.

User's Guide

What measures are the best indicators of occupational job demand?

- Total annual job openings indicate the magnitude of the expected labor demand, while the percent change in employment shows the direction in which the employment level for the occupation is rising, shrinking, or remaining at the current level.
- Employment change expressed as a percent.

What generates job openings?

- Growth
- Exits; workers leaving the workforce entirely.
- Transfers; workers leaving one occupation and transferring to another.

What causes employment growth?

For most occupations, industrial growth has the single greatest influence on the growth in the occupation's employment. Industrial growth occurs when the demand for goods or services rises and, in turn, the demand for workers to produce those goods or services also rises. Technological change can raise the demand for some skills while eliminating the need for others. While this shift is taking place, demand in the industry may be increasing or decreasing. New ways of doing business, such as self-service, outsourcing, 24-hour operations or employee leasing can alter the demand for labor.

Do workers tend to leave some occupations more than others?

Every occupation has a different separation rate. More desirable occupations, including those requiring extensive education or training, tend to have lower separation rates.

What factors determine the number of job openings for an occupation?

- The occupation's growth – negative or positive
- The occupation's transfer/exit rate

Which factor is most important?

The number of people employed in the occupation and the separation rate tend to be more important determinants of the number of job openings than the occupation's growth rate.

What is the best way to compare one occupation with another?

Examine the total average annual job openings, and openings due to growth. Many job openings increase the chances of finding a job in the occupation. Also, examine the percent change in employment. A high percent increase in employment in an occupation that employs relatively few workers indicates entry into the occupation may be difficult, however, opportunities for advancement may be excellent.

Alabama

OCCUPATIONAL OVERVIEW



CBER Industry Trends for Alabama
CBER 2022-2024 Projected Growth Rates applied to BLS Employment
by Major Industry Group

NAICS	Industry	Employment		Net Change	Percent Change	Annual Average Growth
		2022	2024			
	Total All Industries	2,210,240	2,213,000	2,760	0.12	0.06
	Total Wage & Salary Employment	2,045,120	2,048,590	3,470	0.17	0.08
101	Goods Producing	374,450	378,970	4,520	1.21	0.60
1011	Natural Resources & Mining	8,820	8,970	150	1.64	0.82
1133	Logging	3,650	3,710	60	1.59	0.79
21	Mining	5,170	5,250	80	1.68	0.84
1012	Construction	96,990	97,530	540	0.55	0.28
1013	Manufacturing	268,640	272,470	3,830	1.43	0.71
	Durable Goods Manufacturing	178,560	182,740	4,180	2.34	1.16
	Nondurable Goods Manufacturing	90,080	89,730	-350	-0.38	-0.19
102	Services Providing	1,670,670	1,669,630	-1,040	-0.06	-0.03
1021	Trade, Transportation, & Utilities	410,110	399,380	-10,730	-2.62	-1.32
42	Wholesale Trade	75,440	76,820	1,380	1.83	0.91
44	Retail Trade	233,680	227,350	-6,330	-2.71	-1.36
48	Transportation & Warehousing	88,230	83,130	-5,100	-5.79	-2.94
22	Utilities	12,760	12,080	-680	-5.34	-2.71
1022	Information	20,490	21,400	910	4.45	2.20
1023	Financial Activities	99,130	98,940	-190	-0.20	-0.10
52	Finance & Insurance	74,430	74,280	-150	-0.20	-0.10
53	Real Estate & Rental & Leasing	24,710	24,660	-50	-0.20	-0.10
1024	Professional & Business Services	257,880	265,650	7,770	3.01	1.50
54	Professional, Scientific, & Technical Services	116,300	119,930	3,630	3.12	1.55
55	Management of Companies & Enterprises	16,250	16,740	490	3.02	1.50
56	Administrative & Support & Waste Management & Remediation Services	125,330	128,980	3,650	2.91	1.45
1025	Education & Health Services	427,550	429,710	2,160	0.50	0.25
61	Educational Services	161,430	163,090	1,660	1.03	0.51
62	Health Care & Social Assistance	266,120	266,620	500	0.19	0.09
1026	Leisure & Hospitality	194,850	192,970	-1,880	-0.97	-0.49
71	Arts, Entertainment, & Recreation	20,510	20,310	-200	-0.97	-0.48
72	Accommodation & Food Services	174,340	172,660	-1,680	-0.97	-0.49
1027	Other Services (except Government)	96,920	95,990	-930	-0.97	-0.49
1028	Government	163,730	165,610	1,880	1.15	0.57
	All Other	165,120	164,400	-720	-0.43	-0.22

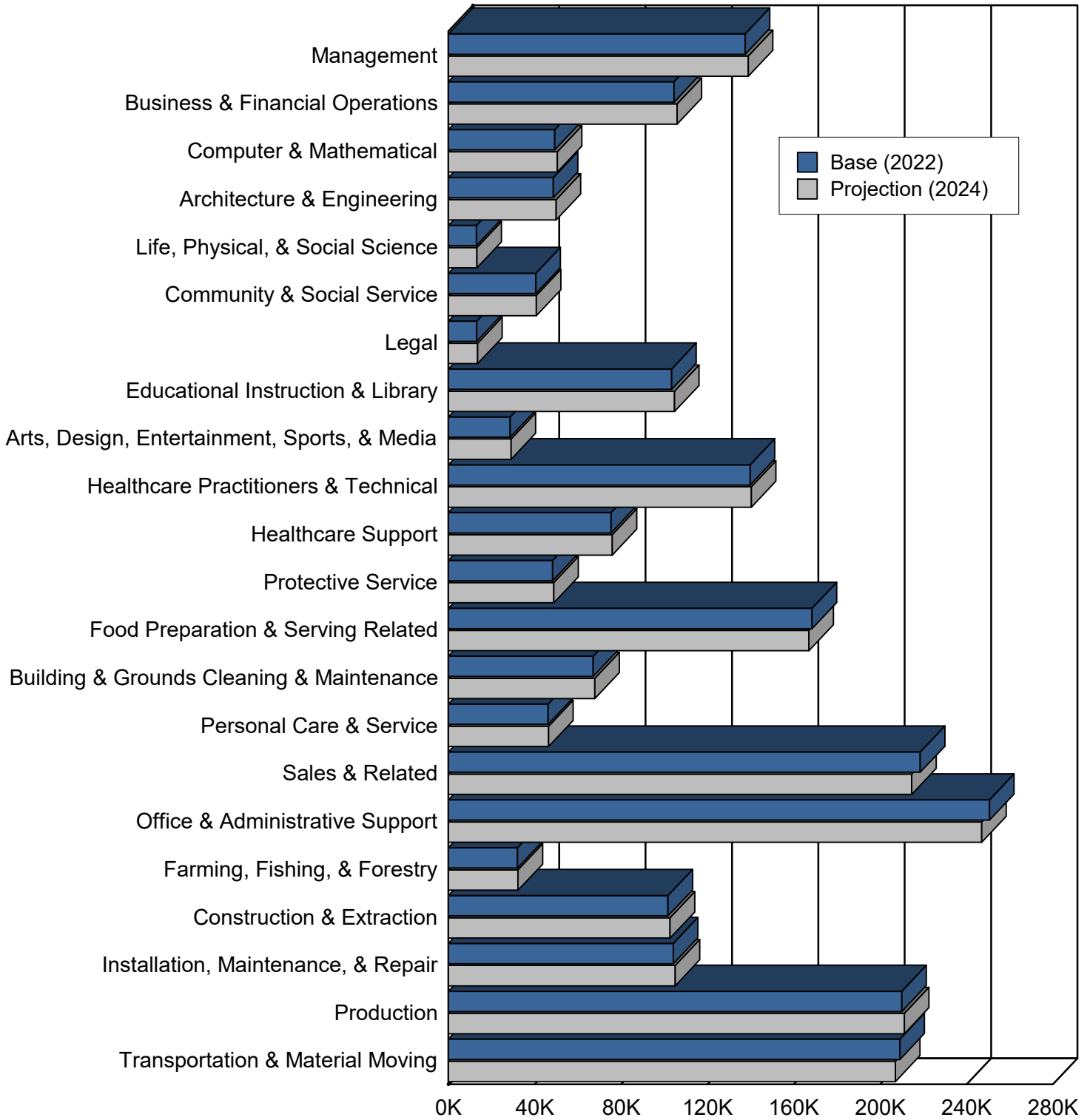
Source: Projected 2022-2024 growth rates provided by the University of Alabama's Center for Business and Economic Research. Data produced by the Alabama Department of Labor, Labor Market Information Division, in cooperation with the U.S. Bureau of Labor Statistics and the Projections Managing Partnership. Totals may not add due to rounding.

Alabama Occupational Projections 2022-2024 by Major Occupational Group

SOC	Occupation	Employment		Net Change	Percent Change	Annual Average Growth	Annual Total Openings
		2022	2024				
00-0000	Total, All Occupations	2,210,240	2,213,000	2,760	0.12	0.06	257,225
11-0000	Management Occupations	137,500	138,940	1,440	1.05	0.52	12,410
13-0000	Business & Financial Operations Occupations	104,540	105,990	1,450	1.38	0.69	10,005
15-0000	Computer & Mathematical Occupations	49,290	50,460	1,170	2.37	1.18	4,040
17-0000	Architecture & Engineering Occupations	48,600	49,920	1,320	2.71	1.35	4,165
19-0000	Life, Physical, & Social Science Occupations	13,050	13,270	220	1.65	0.82	1,350
21-0000	Community & Social Service Occupations	40,580	40,750	170	0.43	0.22	3,910
23-0000	Legal Occupations	13,100	13,520	420	3.24	1.61	1,115
25-0000	Educational Instruction & Library Occupations	103,430	104,760	1,330	1.29	0.64	9,690
27-0000	Arts, Design, Entertainment, Sports, & Media Occupations	28,670	29,060	390	1.38	0.69	3,250
29-0000	Healthcare Practitioners & Technical Occupations	139,770	140,340	570	0.40	0.20	8,705
31-0000	Healthcare Support Occupations	75,370	75,960	590	0.79	0.39	11,535
33-0000	Protective Service Occupations	48,250	48,870	620	1.28	0.64	5,505
35-0000	Food Preparation & Serving Related Occupations	168,450	166,990	-1,460	-0.87	-0.44	29,740
37-0000	Building & Grounds Cleaning & Maintenance Occupations	67,050	67,790	740	1.11	0.55	9,430
39-0000	Personal Care & Service Occupations	46,250	46,400	150	0.34	0.17	8,110
41-0000	Sales & Related Occupations	218,590	214,590	-4,000	-1.83	-0.92	27,565
43-0000	Office & Administrative Support Occupations	250,590	247,000	-3,590	-1.43	-0.72	28,315
45-0000	Farming, Fishing, & Forestry Occupations	32,050	32,290	240	0.73	0.37	5,235
47-0000	Construction & Extraction Occupations	101,730	102,730	1,000	0.98	0.49	10,540
49-0000	Installation, Maintenance, & Repair Occupations	104,170	105,080	910	0.88	0.44	10,380
51-0000	Production Occupations	210,020	211,180	1,160	0.55	0.28	25,030
53-0000	Transportation & Material Moving Occupations	209,180	207,100	-2,080	-0.99	-0.50	27,190

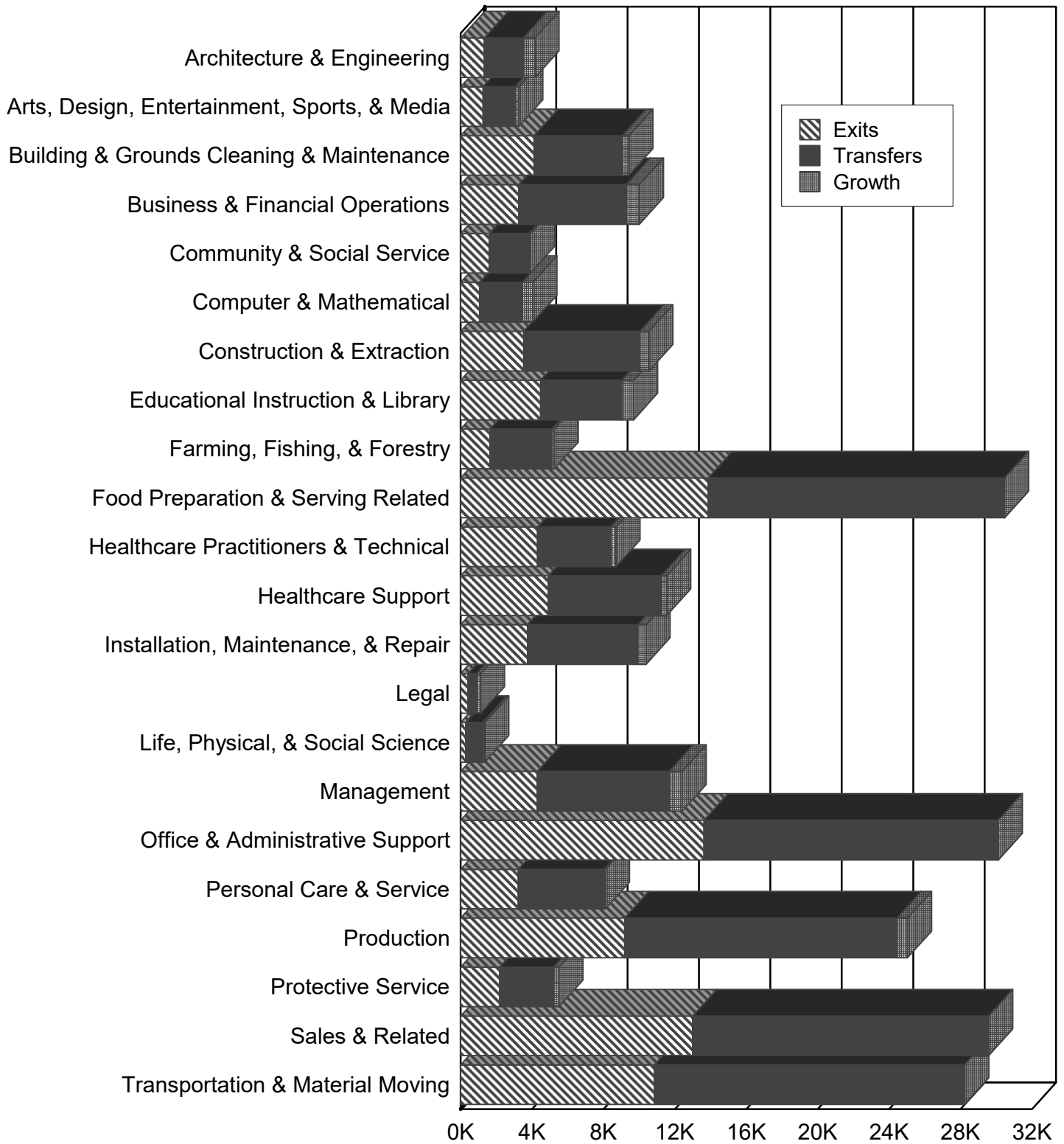
Source: Alabama Department of Labor, Labor Market Information Division, in cooperation with the University of Alabama's Center for Business and Economic Research, the U.S. Bureau of Labor Statistics, and the Projections Managing Partnership. Note: Totals may not add due to rounding: employment is rounded to the nearest 10, openings are rounded to the nearest 5.

Alabama Occupational Projections 2022-2024 by Major Occupational Group



Source: Alabama Department of Labor, Labor Market Information Division, in cooperation with the University of Alabama's Center for Business and Economic Research, the U.S. Bureau of Labor Statistics, and the Projections Managing Partnership. Note: Totals may not add due to rounding: employment is rounded to the nearest 10, openings are rounded to the nearest 5.

Alabama Occupational Projections 2022-2024 Annual Total Openings by Major Occupational Group



Source: Alabama Department of Labor, Labor Market Information Division, in cooperation with the University of Alabama's Center for Business and Economic Research, the U.S. Bureau of Labor Statistics, and the Projections Managing Partnership. Note: Totals may not add due to rounding: employment is rounded to the nearest 10, openings are rounded to the nearest 5.

Alabama Occupational Projections 2022-2024 Selected Fast Growing Occupations

SOC	Occupation	Employment		Percent Change	Annual Average Growth	Annual Total Openings
		2022	2024			
27-2023	Umpires, Referees, & Other Sports Officials	50	50	10.42	5.08	10
19-1041	Epidemiologists	70	80	9.86	4.81	10
51-9081	Dental Laboratory Technicians	1,030	1,120	8.70	4.26	185
29-1171	Nurse Practitioners	4,550	4,880	7.30	3.59	405
15-1212	Information Security Analysts	2,600	2,780	7.05	3.46	285
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	850	910	6.82	3.36	125
51-9162	Computer Numerically Controlled Tool Programmers	360	390	6.59	3.24	50
15-2041	Statisticians	190	200	6.35	3.13	20
39-3031	Ushers, Lobby Attendants, & Ticket Takers	600	640	6.35	3.13	195
51-9082	Medical Appliance Technicians	*	*	5.71	2.82	10
17-2121	Marine Engineers & Naval Architects	200	210	5.42	2.67	15
13-1081	Logisticians	5,400	5,690	5.26	2.59	625
33-2022	Forest Fire Inspectors & Prevention Specialists	*	*	5.13	2.53	5
47-4090	Miscellaneous Construction & Related Workers	60	60	5.08	2.51	10
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	2,720	2,860	5.03	2.48	385
15-1221	Computer & Information Research Scientists	220	230	5.02	2.48	20
13-2061	Financial Examiners	*	*	4.79	2.37	80
17-2131	Materials Engineers	820	860	4.76	2.35	80
17-3021	Aerospace Engineering & Operations Technologists & Technicians	810	850	4.70	2.32	100
17-2041	Chemical Engineers	520	540	4.44	2.20	40
29-2091	Orthotists & Prosthetists	180	190	4.44	2.20	15
49-9041	Industrial Machinery Mechanics	14,850	15,510	4.43	2.19	1,650
23-2011	Paralegals & Legal Assistants	3,850	4,020	4.37	2.16	510
17-2031	Bioengineers & Biomedical Engineers	50	50	4.35	2.15	5
49-2021	Radio, Cellular, & Tower Equipment Installers & Repairers	*	*	4.30	2.13	15

Source: Alabama Department of Labor, Labor Market Information Division, in cooperation with the University of Alabama's Center for Business and Economic Research, the U.S. Bureau of Labor Statistics, and the Projections Managing Partnership. Note: Totals may not add due to rounding: employment is rounded to the nearest 10, openings are rounded to the nearest 5.

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Alabama Occupational Projections 2022-2024 Selected Declining Occupations

SOC	Occupation	Employment		Net Change	Percent Change
		2022	2024		
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	1,850	1,670	-180	-9.99
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	1,110	1,030	-80	-7.21
51-8013	Power Plant Operators	850	790	-60	-7.18
43-5051	Postal Service Clerks	1,300	1,220	-80	-6.25
43-5052	Postal Service Mail Carriers	5,770	5,410	-360	-6.24
53-4011	Locomotive Engineers	*	*	*	-5.47
51-6063	Textile Knitting & Weaving Machine Setters, Operators, & Tenders	1,180	1,120	-60	-5.41
35-2011	Cooks, Fast Food	*	*	*	-4.45
41-2011	Cashiers	50,770	48,680	-2,090	-4.12
43-5021	Couriers & Messengers	2,480	2,390	-90	-3.83
43-6011	Executive Secretaries & Executive Administrative Assistants	3,140	3,030	-110	-3.32
43-4111	Interviewers, Except Eligibility & Loan	3,610	3,510	-100	-2.91
43-3071	Tellers	7,320	7,130	-190	-2.57
41-2031	Retail Salespersons	62,640	61,170	-1,470	-2.35
29-1051	Pharmacists	5,530	5,410	-120	-2.24
43-6014	Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	50,730	49,630	-1,100	-2.16
43-5071	Shipping, Receiving, & Inventory Clerks	7,270	7,120	-150	-2.06
53-3032	Heavy & Tractor-Trailer Truck Drivers	37,880	37,120	-760	-2.02
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	11,890	11,650	-240	-1.95
35-2021	Food Preparation Workers	19,590	19,220	-370	-1.86
53-3033	Light Truck Drivers	17,990	17,660	-330	-1.85
53-7051	Industrial Truck & Tractor Operators	14,350	14,120	-230	-1.58
35-3023	Fast Food & Counter Workers	38,220	37,650	-570	-1.48
53-7065	Stockers & Order Fillers	33,910	33,500	-410	-1.21
43-9061	Office Clerks, General	25,590	25,290	-300	-1.16

Source: Alabama Department of Labor, Labor Market Information Division, in cooperation with the University of Alabama's Center for Business and Economic Research, the U.S. Bureau of Labor Statistics, and the Projections Managing Partnership. Note: Totals may not add due to rounding: employment is rounded to the nearest 10, openings are rounded to the nearest 5.

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Alabama

OCCUPATIONAL DETAIL



**Employment, Annual Growth, and Annual Openings by Occupation,
Base Year 2022 and Projection Year 2024**

Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	2,210,240	2,213,000	0.06	106,225	149,620	1,380	257,225
11-0000	Management Occupations	137,500	138,940	0.52	4,295	7,395	720	12,410
11-1000	Top Executives	40,300	40,620	0.40	950	2,520	160	3,635
11-1011	Chief Executives	1,760	1,740	-0.57	55	70	0	115
11-1021	General & Operations Managers	37,490	37,810	0.43	865	2,400	160	3,425
11-1031	Legislators	1,050	1,070	1.04	30	50	10	95
11-2000	Advertising, Marketing, Promotions, Public Relations, & Sales Managers	7,440	7,510	0.47	180	445	35	655
11-2011	Advertising & Promotions Managers	90	90	-0.56	0	5	0	10
11-2021	Marketing Managers	1,640	1,660	0.64	40	105	10	155
11-2022	Sales Managers	3,770	3,830	0.71	85	225	25	340
11-2032	Public Relations Managers	390	390	0.51	10	20	0	35
11-2033	Fundraising Managers	1,550	1,540	-0.26	40	85	0	120
11-3000	Operations Specialties Managers	18,830	19,270	1.15	450	995	220	1,665
11-3012	Administrative Services Managers	420	420	-0.12	15	20	0	35
11-3013	Facilities Managers	670	680	0.30	20	35	0	55
11-3021	Computer & Information Systems Managers	4,600	4,720	1.24	85	255	60	400
11-3031	Financial Managers	5,710	5,910	1.74	140	290	100	530
11-3051	Industrial Production Managers	2,950	3,020	1.16	65	145	35	245
11-3061	Purchasing Managers	1,180	1,200	1.01	35	65	10	110
11-3071	Transportation, Storage, & Distribution Managers	1,280	1,260	-0.86	30	75	0	95
11-3111	Compensation & Benefits Managers	90	90	1.13	0	5	0	5
11-3121	Human Resources Managers	1,760	1,800	1.16	50	95	20	170
11-3131	Training & Development Managers	170	170	0.90	5	10	0	15
11-9000	Other Management Occupations	70,920	71,540	0.43	2,715	3,435	305	6,460
11-9013	Farmers, Ranchers, & Other Agricultural Managers	14,910	14,910	0.02	1,040	530	5	1,570
11-9021	Construction Managers	7,760	7,900	0.94	180	415	75	670
11-9031	Education & Childcare Administrators, Preschool & Daycare	470	470	-0.11	15	20	0	35
11-9032	Education Administrators, Kindergarten through Secondary	3,870	3,920	0.62	110	180	25	310
11-9033	Education Administrators, Postsecondary	3,110	3,150	0.58	85	145	20	250
11-9039	Education Administrators, All Other	*	*	0.54	65	110	15	190
11-9041	Architectural & Engineering Managers	2,750	2,820	1.26	55	140	35	230
11-9051	Food Service Managers	4,520	4,520	-0.06	160	385	0	545
11-9071	Gambling Managers	10	10	0.00	0	0	0	0

Source: Alabama Department of Labor, Labor Market Information Division, in cooperation with the University of Alabama's Center for Business and Economic Research, the U.S. Bureau of Labor Statistics, and the Projections Managing Partnership. Note: Totals may not add due to rounding: employment is rounded to the nearest 10, openings are rounded to the nearest 5.

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
11-9072	Entertainment & Recreation Managers, Except Gambling	*	*	0.00	0	5	0	5
11-9081	Lodging Managers	730	720	-0.48	30	50	0	75
11-9111	Medical & Health Services Managers	8,430	8,790	2.12	240	435	180	855
11-9121	Natural Sciences Managers	230	240	0.64	5	10	0	20
11-9131	Postmasters & Mail Superintendents	260	240	-3.19	10	10	0	10
11-9141	Property, Real Estate, & Community Association Managers	4,280	4,260	-0.22	180	165	0	335
11-9151	Social & Community Service Managers	2,980	2,980	-0.02	100	160	0	260
11-9161	Emergency Management Directors	300	310	0.66	10	15	0	30
11-9171	Funeral Home Managers	600	600	-0.17	20	30	0	45
11-9179	Personal Service Managers, All Other	210	210	-0.24	5	10	0	15
11-9199	Managers, All Other	13,040	13,010	-0.13	400	620	0	1,000
13-000	Business & Financial Operations Occupations	104,540	105,990	0.69	3,265	6,020	725	10,005
13-1000	Business Operations Specialists	60,910	61,760	0.70	1,945	3,695	425	6,065
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	210	220	0.70	10	15	0	25
13-1020	Buyers & Purchasing Agents	7,850	7,810	-0.27	290	490	0	760
13-1031	Claims Adjusters, Examiners, & Investigators	3,900	3,840	-0.79	105	200	0	275
13-1032	Insurance Appraisers, Auto Damage	50	50	0.00	0	0	0	5
13-1041	Compliance Officers	2,470	2,500	0.67	75	125	15	215
13-1051	Cost Estimators	2,090	2,090	0.05	65	125	0	190
13-1071	Human Resources Specialists	9,350	9,480	0.67	280	600	65	945
13-1074	Farm Labor Contractors	10	10	0.00	0	0	0	0
13-1075	Labor Relations Specialists	740	730	-1.08	20	45	0	60
13-1081	Logisticians	5,400	5,690	2.59	150	335	140	625
13-1082	Project Management Specialists	610	620	0.41	15	35	0	50
13-1111	Management Analysts	6,620	6,830	1.51	240	370	100	710
13-1121	Meeting, Convention, & Event Planners	860	860	-0.06	30	55	0	90
13-1131	Fundraisers	3,980	3,970	-0.03	140	220	0	360
13-1141	Compensation, Benefits, & Job Analysis Specialists	700	710	0.92	20	35	5	65
13-1151	Training & Development Specialists	2,890	2,940	0.95	90	175	30	295
13-1161	Market Research Analysts & Marketing Specialists	6,600	6,810	1.58	195	460	105	760
13-1199	Business Operations Specialists, All Other	6,570	6,610	0.32	215	400	20	635
13-2000	Financial Specialists	43,630	44,220	0.68	1,320	2,325	300	3,945
13-2011	Accountants & Auditors	24,470	24,890	0.86	750	1,370	210	2,335

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
13-2020	Property Appraisers & Assessors	980	990	0.36	45	35	5	85
13-2031	Budget Analysts	860	870	0.52	25	40	5	70
13-2041	Credit Analysts	480	480	0.00	10	30	0	40
13-2051	Financial & Investment Analysts	2,530	2,580	0.90	55	135	25	210
13-2052	Personal Financial Advisors	3,590	3,580	-0.15	100	155	0	250
13-2053	Insurance Underwriters	930	920	-0.65	25	45	0	65
13-2054	Financial Risk Specialists	190	190	0.52	5	10	0	15
13-2061	Financial Examiners	*	*	2.37	25	40	20	80
13-2071	Credit Counselors	*	*	0.99	5	10	0	15
13-2072	Loan Officers	5,700	5,740	0.39	145	300	20	465
13-2081	Tax Examiners & Collectors, & Revenue Agents	1,220	1,240	0.77	50	60	10	120
13-2082	Tax Preparers	1,220	1,250	1.23	70	70	15	155
13-2099	Financial Specialists, All Other	550	550	0.18	15	30	0	45
15-0000	Computer & Mathematical Occupations	49,290	50,460	1.18	1,065	2,390	585	4,040
15-1200	Computer Occupations	47,870	48,980	1.15	1,030	2,330	555	3,915
15-1211	Computer Systems Analysts	4,660	4,730	0.75	115	210	35	365
15-1212	Information Security Analysts	2,600	2,780	3.46	60	130	90	285
15-1221	Computer & Information Research Scientists	220	230	2.48	5	10	5	20
15-1231	Computer Network Support Specialists	1,160	1,180	1.16	30	60	15	105
15-1232	Computer User Support Specialists	6,850	6,980	0.93	160	370	65	595
15-1241	Computer Network Architects	2,530	2,580	1.04	45	115	25	185
15-1242	Database Administrators	2,310	2,360	0.90	55	100	20	180
15-1243	Database Architects	370	380	1.74	10	15	5	30
15-1244	Network & Computer Systems Administrators	4,790	4,830	0.46	100	220	20	345
15-1251	Computer Programmers	2,420	2,370	-1.02	55	105	0	140
15-1252	Software Developers	14,820	15,270	1.51	265	725	225	1,220
15-1253	Software Quality Assurance Analysts & Testers	1,580	1,630	1.51	40	75	25	140
15-1254	Web Developers	1,010	1,030	1.04	20	55	10	85
15-1255	Web & Digital Interface Designers	250	250	0.20	10	15	0	20
15-1299	Computer Occupations, All Other	2,330	2,400	1.43	55	110	35	200
15-2000	Mathematical Science Occupations	1,420	1,480	1.92	35	65	30	130
15-2011	Actuaries	*	*	1.74	0	0	0	5
15-2031	Operations Research Analysts	560	580	2.04	15	25	10	50
15-2041	Statisticians	190	200	3.13	5	10	5	20
15-2051	Data Scientists	570	580	1.49	15	25	10	50

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		2022	2024		Exits	Transfers	Growth	Total
15-2099	Mathematical Science Occupations, All Other	*	*	1.38	0	0	0	5
17-0000	Architecture & Engineering Occupations	48,600	49,920	1.35	1,330	2,175	660	4,165
17-1000	Architects, Surveyors, & Cartographers	2,300	2,350	1.02	75	90	25	190
17-1011	Architects, Except Landscape & Naval	1,230	1,250	0.85	40	45	10	95
17-1012	Landscape Architects	160	160	0.94	5	5	0	15
17-1021	Cartographers & Photogrammetrists	70	80	1.36	0	5	0	5
17-1022	Surveyors	840	860	1.24	25	35	10	75
17-2000	Engineers	35,980	37,030	1.46	840	1,425	530	2,795
17-2011	Aerospace Engineers	3,910	4,050	1.83	90	135	70	295
17-2021	Agricultural Engineers	40	40	1.42	0	0	0	0
17-2031	Bioengineers & Biomedical Engineers	50	50	2.15	0	0	0	5
17-2041	Chemical Engineers	520	540	2.20	10	20	10	40
17-2051	Civil Engineers	5,400	5,560	1.50	120	250	80	450
17-2061	Computer Hardware Engineers	870	880	0.46	20	35	5	60
17-2071	Electrical Engineers	4,330	4,420	1.03	110	160	45	315
17-2072	Electronics Engineers, Except Computer	1,930	1,990	1.60	50	70	30	155
17-2081	Environmental Engineers	960	980	0.94	30	40	10	80
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	640	650	1.25	15	25	10	45
17-2112	Industrial Engineers	6,750	7,030	2.11	160	260	145	565
17-2121	Marine Engineers & Naval Architects	200	210	2.67	0	10	5	15
17-2131	Materials Engineers	820	860	2.35	20	35	20	80
17-2141	Mechanical Engineers	5,560	5,720	1.45	115	220	80	420
17-2151	Mining & Geological Engineers, Including Mining Safety Engineers	220	230	1.79	5	10	5	20
17-2161	Nuclear Engineers	190	180	-2.14	5	10	0	10
17-2171	Petroleum Engineers	80	80	0.00	0	5	0	5
17-2199	Engineers, All Other	3,540	3,570	0.42	85	140	15	245
17-3000	Drafters, Engineering Technicians, & Mapping Technicians	10,330	10,540	1.04	415	660	110	1,180
17-3011	Architectural & Civil Drafters	1,300	1,320	0.61	65	85	10	155
17-3012	Electrical & Electronics Drafters	230	240	1.72	10	15	5	25
17-3013	Mechanical Drafters	550	550	0.18	20	30	0	50
17-3019	Drafters, All Other	40	40	0.00	0	0	0	5
17-3021	Aerospace Engineering & Operations Technologists & Technicians	810	850	2.32	30	50	20	100
17-3022	Civil Engineering Technologists & Technicians	1,780	1,810	0.87	65	110	15	190

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
17-3023	Electrical & Electronics Engineering Technologists & Technicians	1,740	1,760	0.57	90	100	10	200
17-3024	Electro-Mechanical & Mechatronics Technologists & Technicians	*	*	-2.20	0	0	0	5
17-3025	Environmental Engineering Technologists & Technicians	250	260	1.00	10	15	0	25
17-3026	Industrial Engineering Technologists & Technicians	900	930	1.59	30	55	15	105
17-3027	Mechanical Engineering Technologists & Technicians	1,000	1,030	1.29	35	65	15	115
17-3028	Calibration Technologists & Technicians	*	*	1.34	0	0	0	5
17-3029	Engineering Technologists & Technicians, Except Drafters, All Other	860	880	1.10	30	55	10	95
17-3031	Surveying & Mapping Technicians	800	830	1.30	30	70	10	110
19-0000	Life, Physical, & Social Science Occupations	13,050	13,270	0.82	290	950	110	1,350
19-1000	Life Scientists	2,370	2,430	1.32	45	140	30	220
19-1011	Animal Scientists	20	20	0.00	0	0	0	0
19-1012	Food Scientists & Technologists	*	*	1.50	0	0	0	5
19-1013	Soil & Plant Scientists	170	180	1.16	5	10	0	20
19-1021	Biochemists & Biophysicists	*	*	1.53	0	10	0	10
19-1022	Microbiologists	190	190	1.06	5	10	0	20
19-1023	Zoologists & Wildlife Biologists	280	280	1.08	5	20	5	25
19-1029	Biological Scientists, All Other	210	210	0.48	5	15	0	20
19-1031	Conservation Scientists	100	100	0.00	0	5	0	10
19-1032	Foresters	310	320	0.48	5	20	0	30
19-1041	Epidemiologists	70	80	4.81	0	5	5	10
19-1042	Medical Scientists, Except Epidemiologists	800	830	1.92	10	40	15	65
19-1099	Life Scientists, All Other	*	*	0.78	0	5	0	5
19-2000	Physical Scientists	2,650	2,710	1.18	50	175	30	255
19-2011	Astronomers	*	*	0.00	0	0	0	5
19-2012	Physicists	170	180	1.16	5	10	0	15
19-2021	Atmospheric & Space Scientists	230	240	1.70	5	15	5	25
19-2031	Chemists	760	790	1.89	15	50	15	80
19-2032	Materials Scientists	*	*	1.90	0	5	0	10
19-2041	Environmental Scientists & Specialists, Including Health	910	920	0.88	20	65	10	90
19-2042	Geoscientists, Except Hydrologists & Geographers	170	170	0.89	0	10	0	15
19-2099	Physical Scientists, All Other	290	290	0.00	5	15	0	20
19-3000	Social Scientists & Related Workers	2,380	2,390	0.31	65	120	10	190

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
19-3011	Economists	50	50	0.00	0	0	0	5
19-3022	Survey Researchers	10	10	0.00	0	0	0	0
19-3032	Industrial-Organizational Psychologists	30	30	0.00	0	0	0	0
19-3033	Clinical & Counseling Psychologists	470	470	0.11	15	15	0	30
19-3034	School Psychologists	270	270	0.56	5	15	0	20
19-3039	Psychologists, All Other	640	640	-0.08	20	25	0	45
19-3051	Urban & Regional Planners	480	480	0.84	10	30	5	45
19-3091	Anthropologists & Archeologists	100	100	1.47	0	5	0	10
19-3092	Geographers	10	10	0.00	0	0	0	0
19-3093	Historians	50	50	0.00	0	5	0	5
19-3099	Social Scientists & Related Workers, All Other	260	260	0.19	5	20	0	25
19-4000	Life, Physical, & Social Science Technicians	3,740	3,790	0.72	90	365	25	480
19-4012	Agricultural Technicians	120	120	0.42	0	15	0	15
19-4013	Food Science Technicians	*	*	0.56	0	10	0	10
19-4021	Biological Technicians	590	600	0.68	15	60	5	80
19-4031	Chemical Technicians	1,380	1,410	1.08	30	140	15	185
19-4042	Environmental Science & Protection Technicians, Including Health	300	310	1.50	5	25	5	35
19-4043	Geological Technicians, Except Hydrologic Technicians	230	240	1.28	5	20	5	30
19-4044	Hydrologic Technicians	10	10	0.00	0	0	0	0
19-4051	Nuclear Technicians	180	170	-3.90	5	15	0	10
19-4061	Social Science Research Assistants	40	40	0.00	0	5	0	5
19-4071	Forest & Conservation Technicians	*	*	0.58	5	25	0	35
19-4092	Forensic Science Technicians	180	180	1.67	5	20	5	25
19-4099	Life, Physical, & Social Science Technicians, All Other	350	360	0.56	10	35	0	45
19-5000	Occupational Health & Safety Specialists & Technicians	1,920	1,940	0.55	45	155	10	210
19-5011	Occupational Health & Safety Specialists	1,700	1,720	0.59	40	135	10	185
19-5012	Occupational Health & Safety Technicians	220	220	0.23	5	20	0	25
21-0000	Community & Social Service Occupations	40,580	40,750	0.22	1,600	2,220	90	3,910
21-1000	Counselors, Social Workers, & Other Community & Social Service Specialists	28,960	29,150	0.34	1,115	1,610	100	2,825
21-1012	Educational, Guidance, & Career Counselors & Advisors	3,980	4,050	0.90	125	200	35	365
21-1013	Marriage & Family Therapists	430	430	0.00	20	15	0	35
21-1015	Rehabilitation Counselors	780	790	0.26	30	40	0	75

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	7,430	7,470	0.28	270	415	20	705
21-1019	Counselors, All Other	530	530	-0.09	25	30	0	55
21-1021	Child, Family, & School Social Workers	3,890	3,920	0.39	130	235	15	375
21-1022	Healthcare Social Workers	2,420	2,440	0.23	95	130	5	235
21-1023	Mental Health & Substance Abuse Social Workers	2,800	2,800	0.09	140	110	0	255
21-1029	Social Workers, All Other	460	470	0.32	15	30	0	45
21-1091	Health Education Specialists	480	480	0.31	20	30	0	55
21-1092	Probation Officers & Correctional Treatment Specialists	1,160	1,180	0.73	35	65	10	105
21-1093	Social & Human Service Assistants	4,150	4,150	-0.01	195	275	0	470
21-1094	Community Health Workers	370	380	1.36	15	25	5	45
21-1099	Community & Social Service Specialists, All Other	80	80	1.29	5	5	0	10
21-2000	Religious Workers	11,620	11,600	-0.09	490	605	0	1,085
21-2011	Clergy	10,510	10,490	-0.10	440	535	0	965
21-2021	Directors, Religious Activities & Education	1,080	1,080	0.05	45	70	0	115
21-2099	Religious Workers, All Other	30	30	0.00	0	0	0	5
23-0000	Legal Occupations	13,100	13,520	1.61	415	490	210	1,115
23-1000	Lawyers, Judges, & Related Workers	8,480	8,730	1.46	215	185	125	525
23-1011	Lawyers	7,750	7,980	1.52	200	170	120	485
23-1012	Judicial Law Clerks	30	30	0.00	0	0	0	0
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	70	70	0.00	0	0	0	5
23-1022	Arbitrators, Mediators, & Conciliators	60	60	0.82	0	0	0	5
23-1023	Judges, Magistrate Judges, & Magistrates	570	580	0.96	15	10	5	30
23-2000	Legal Support Workers	4,620	4,790	1.87	195	305	85	590
23-2011	Paralegals & Legal Assistants	3,850	4,020	2.16	165	260	85	510
23-2093	Title Examiners, Abstractors, & Searchers	490	500	0.61	20	30	5	50
23-2099	Legal Support Workers, All Other	280	280	0.00	10	20	0	30
25-0000	Educational Instruction & Library Occupations	103,430	104,760	0.64	4,485	4,540	665	9,690
25-1000	Postsecondary Teachers	19,070	19,380	0.82	865	730	160	1,755
25-1011	Business Teachers, Postsecondary	1,220	1,230	0.49	55	45	5	105
25-1021	Computer Science Teachers, Postsecondary	600	610	0.58	30	25	5	55
25-1022	Mathematical Science Teachers, Postsecondary	860	870	0.58	40	35	5	75
25-1031	Architecture Teachers, Postsecondary	100	100	0.52	5	5	0	10
25-1032	Engineering Teachers, Postsecondary	550	570	0.99	25	20	5	55

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SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
25-1041	Agricultural Sciences Teachers, Postsecondary	180	180	0.28	10	5	0	15
25-1042	Biological Science Teachers, Postsecondary	1,070	1,090	1.12	50	40	10	100
25-1043	Forestry & Conservation Science Teachers, Postsecondary	60	60	0.00	0	0	0	5
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	100	100	0.52	5	5	0	10
25-1052	Chemistry Teachers, Postsecondary	350	350	0.72	15	15	0	30
25-1053	Environmental Science Teachers, Postsecondary	30	30	0.00	0	0	0	5
25-1054	Physics Teachers, Postsecondary	180	180	0.57	10	5	0	15
25-1061	Anthropology & Archeology Teachers, Postsecondary	40	40	1.16	0	0	0	5
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	70	70	0.73	5	0	0	5
25-1063	Economics Teachers, Postsecondary	140	140	0.71	5	5	0	15
25-1065	Political Science Teachers, Postsecondary	190	190	0.52	10	10	0	15
25-1066	Psychology Teachers, Postsecondary	540	540	0.84	25	20	5	50
25-1067	Sociology Teachers, Postsecondary	170	170	0.29	10	5	0	15
25-1069	Social Sciences Teachers, Postsecondary, All Other	120	120	0.43	5	5	0	10
25-1071	Health Specialties Teachers, Postsecondary	3,430	3,530	1.45	155	130	50	340
25-1072	Nursing Instructors & Teachers, Postsecondary	1,360	1,420	2.00	65	55	30	145
25-1081	Education Teachers, Postsecondary	1,000	1,010	0.55	45	40	5	90
25-1082	Library Science Teachers, Postsecondary	210	210	0.48	10	10	0	20
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	140	150	1.04	5	5	0	15
25-1112	Law Teachers, Postsecondary	*	*	0.69	15	10	0	25
25-1113	Social Work Teachers, Postsecondary	220	220	0.70	10	10	0	20
25-1121	Art, Drama, & Music Teachers, Postsecondary	1,030	1,050	0.68	45	40	5	95
25-1122	Communications Teachers, Postsecondary	310	320	0.64	15	10	0	30
25-1123	English Language & Literature Teachers, Postsecondary	1,190	1,200	0.59	55	45	5	105
25-1124	Foreign Language & Literature Teachers, Postsecondary	120	120	0.42	5	5	0	10
25-1125	History Teachers, Postsecondary	370	370	0.68	15	15	0	30
25-1126	Philosophy & Religion Teachers, Postsecondary	240	240	0.85	10	10	0	20
25-1192	Family & Consumer Sciences Teachers, Postsecondary	130	130	0.40	5	5	0	10
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	200	210	0.49	10	10	0	20
25-1194	Career/Technical Education Teachers, Postsecondary	1,940	1,940	-0.03	90	75	0	160
25-1199	Postsecondary Teachers, All Other	320	330	0.31	15	10	0	25

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25-2000	Preschool, Elementary, Middle, Secondary, & Special Education Teachers	57,010	57,730	0.63	1,935	2,370	360	4,665
25-2011	Preschool Teachers, Except Special Education	5,760	5,840	0.74	270	355	45	665
25-2012	Kindergarten Teachers, Except Special Education	680	680	0.59	30	40	5	80
25-2021	Elementary School Teachers, Except Special Education	21,530	21,790	0.61	725	840	130	1,700
25-2022	Middle School Teachers, Except Special & Career/Technical Education	11,550	11,690	0.63	390	450	70	915
25-2023	Career/Technical Education Teachers, Middle School	460	460	0.54	15	20	0	35
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	14,530	14,720	0.63	420	565	90	1,080
25-2032	Career/Technical Education Teachers, Secondary School	*	*	0.58	20	25	5	45
25-2051	Special Education Teachers, Preschool	*	*	0.00	0	0	0	5
25-2052	Special Education Teachers, Kindergarten & Elementary School	760	760	0.59	25	30	5	60
25-2057	Special Education Teachers, Middle School	570	580	0.52	20	20	5	45
25-2058	Special Education Teachers, Secondary School	470	480	0.53	15	20	0	35
25-2059	Special Education Teachers, All Other	70	70	0.00	0	0	0	5
25-3000	Other Teachers & Instructors	14,320	14,480	0.57	910	765	80	1,755
25-3011	Adult Basic Education, Adult Secondary Education, & English as a Second Language Instructors	520	510	-0.87	30	25	0	55
25-3021	Self-Enrichment Teachers	3,750	3,780	0.43	230	200	15	445
25-3031	Substitute Teachers, Short-Term	5,160	5,270	1.06	320	275	55	650
25-3041	Tutors	1,120	1,120	0.04	95	70	0	165
25-3099	Teachers & Instructors, All Other	3,780	3,810	0.41	230	200	15	445
25-4000	Librarians, Curators, & Archivists	3,380	3,420	0.53	220	155	20	390
25-4011	Archivists	100	100	0.99	5	5	0	15
25-4012	Curators	210	210	-0.24	10	15	0	25
25-4013	Museum Technicians & Conservators	110	110	0.00	5	5	0	10
25-4022	Librarians & Media Collections Specialists	2,370	2,400	0.74	140	95	20	255
25-4031	Library Technicians	600	600	0.00	55	30	0	85
25-9000	Other Educational Instruction & Library Occupations	9,660	9,760	0.50	555	520	50	1,125
25-9021	Farm & Home Management Educators	350	350	-0.43	15	15	0	30
25-9031	Instructional Coordinators	1,320	1,340	0.57	65	55	10	130
25-9044	Teaching Assistants, Postsecondary	820	820	0.49	50	45	5	100
25-9045	Teaching Assistants, Except Postsecondary	6,730	6,800	0.54	405	385	35	825
25-9099	Educational Instruction & Library Workers, All Other	440	450	0.45	20	20	0	40

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
27-0000	Arts, Design, Entertainment, Sports, & Media Occupations	28,670	29,060	0.69	1,255	1,800	200	3,250
27-1000	Art & Design Workers	10,580	10,640	0.31	445	640	35	1,120
27-1011	Art Directors	1,080	1,090	0.65	55	60	5	120
27-1012	Craft Artists	110	110	0.90	5	5	0	15
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	280	280	0.36	15	15	0	30
27-1014	Special Effects Artists & Animators	540	540	0.65	30	30	5	60
27-1019	Artists & Related Workers, All Other	100	100	0.48	5	5	0	10
27-1021	Commercial & Industrial Designers	90	90	0.00	0	5	0	5
27-1022	Fashion Designers	50	40	-1.12	0	5	0	5
27-1023	Floral Designers	680	660	-1.64	40	40	0	65
27-1024	Graphic Designers	2,440	2,460	0.53	75	145	15	235
27-1025	Interior Designers	1,170	1,170	0.04	40	60	0	100
27-1026	Merchandise Displayers & Window Trimmers	3,160	3,200	0.66	150	225	20	395
27-1027	Set & Exhibit Designers	400	400	-0.13	10	25	0	35
27-1029	Designers, All Other	500	490	-0.50	15	30	0	45
27-2000	Entertainers & Performers, Sports & Related Workers	7,690	7,800	0.72	440	520	55	1,015
27-2011	Actors	220	230	1.81	10	15	5	30
27-2012	Producers & Directors	840	870	1.77	25	55	15	95
27-2021	Athletes & Sports Competitors	370	370	-0.13	20	30	0	50
27-2022	Coaches & Scouts	3,390	3,450	0.82	190	255	30	475
27-2023	Umpires, Referees, & Other Sports Officials	50	50	5.08	5	5	0	10
27-2031	Dancers	70	70	-0.72	5	5	0	10
27-2032	Choreographers	40	40	0.00	0	5	0	5
27-2041	Music Directors & Composers	270	270	0.56	10	15	0	30
27-2042	Musicians & Singers	1,970	1,980	0.35	150	110	5	265
27-2091	Disc Jockeys, Except Radio	140	140	-0.36	5	5	0	10
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	330	330	-0.30	20	20	0	35
27-3000	Media & Communication Workers	6,950	7,070	0.89	255	420	60	740
27-3011	Broadcast Announcers & Radio Disc Jockeys	380	390	1.96	15	25	10	45
27-3023	News Analysts, Reporters, & Journalists	620	650	2.00	25	50	10	85
27-3031	Public Relations Specialists	2,380	2,410	0.50	60	150	10	220
27-3041	Editors	740	750	0.88	30	45	5	80
27-3042	Technical Writers	620	630	1.05	20	40	5	60

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SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
27-3043	Writers & Authors	1,420	1,440	0.46	65	80	5	150
27-3091	Interpreters & Translators	370	390	1.85	20	20	5	45
27-3092	Court Reporters & Simultaneous Captioners	390	390	0.64	25	15	0	45
27-3099	Media & Communication Workers, All Other	30	30	3.92	0	0	0	5
27-4000	Media & Communication Equipment Workers	3,460	3,550	1.38	110	215	50	370
27-4011	Audio & Video Technicians	870	890	1.09	25	60	10	95
27-4012	Broadcast Technicians	340	350	1.92	10	25	5	40
27-4014	Sound Engineering Technicians	130	130	-1.13	5	10	0	10
27-4015	Lighting Technicians	10	10	0.00	0	0	0	0
27-4021	Photographers	1,460	1,510	1.91	50	80	30	160
27-4031	Camera Operators, Television, Video, & Film	260	270	0.76	10	15	0	25
27-4032	Film & Video Editors	330	340	1.06	10	20	5	35
27-4099	Media & Communication Equipment Workers, All Other	60	60	0.00	0	5	0	5
29-0000	Healthcare Practitioners & Technical Occupations	139,770	140,340	0.20	4,310	4,115	280	8,705
29-1000	Health Diagnosing or Treating Practitioners	89,950	90,500	0.30	2,620	2,050	270	4,940
29-1011	Chiropractors	610	600	-0.66	15	5	0	15
29-1021	Dentists, General	1,380	1,380	0.04	30	10	0	40
29-1022	Oral & Maxillofacial Surgeons	20	20	0.00	0	0	0	0
29-1023	Orthodontists	90	90	0.00	0	0	0	0
29-1029	Dentists, All Other Specialists	30	30	0.00	0	0	0	0
29-1031	Dietitians & Nutritionists	790	790	0.32	25	25	0	55
29-1041	Optometrists	530	520	-0.86	10	5	0	10
29-1051	Pharmacists	5,530	5,410	-1.13	115	100	0	150
29-1071	Physician Assistants	480	500	1.65	10	15	10	35
29-1081	Podiatrists	130	120	-1.60	0	0	0	0
29-1122	Occupational Therapists	1,360	1,370	0.33	40	40	5	80
29-1123	Physical Therapists	2,550	2,570	0.41	60	50	10	120
29-1124	Radiation Therapists	190	190	0.00	5	5	0	10
29-1125	Recreational Therapists	100	100	-0.50	5	5	0	10
29-1126	Respiratory Therapists	2,740	2,820	1.39	80	65	40	180
29-1127	Speech-Language Pathologists	2,060	2,140	1.73	60	70	35	160
29-1128	Exercise Physiologists	270	270	0.75	10	10	0	20
29-1129	Therapists, All Other	340	350	1.17	10	10	5	25
29-1131	Veterinarians	1,310	1,350	1.71	25	20	20	65

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
29-1141	Registered Nurses	52,350	52,470	0.11	1,680	1,300	60	3,040
29-1151	Nurse Anesthetists	1,360	1,370	0.40	30	35	5	75
29-1171	Nurse Practitioners	4,550	4,880	3.59	105	135	165	405
29-1181	Audiologists	*	*	0.00	5	5	0	10
29-1211	Anesthesiologists	280	280	-0.88	5	0	0	5
29-1212	Cardiologists	290	290	0.00	5	0	0	10
29-1213	Dermatologists	*	*	-0.54	0	0	0	5
29-1214	Emergency Medicine Physicians	270	270	0.19	5	0	0	5
29-1215	Family Medicine Physicians	850	840	-0.65	15	10	0	20
29-1216	General Internal Medicine Physicians	320	310	-1.73	5	5	0	5
29-1217	Neurologists	*	*	0.00	5	0	0	5
29-1218	Obstetricians & Gynecologists	190	190	-1.05	5	0	0	5
29-1221	Pediatricians, General	410	400	-1.36	10	5	0	5
29-1223	Psychiatrists	210	210	0.24	5	0	0	5
29-1224	Radiologists	*	*	-0.13	10	5	0	10
29-1229	Physicians, All Other	3,450	3,460	0.06	65	30	0	100
29-1242	Orthopedic Surgeons, Except Pediatric	190	190	0.00	5	0	0	5
29-1249	Surgeons, All Other	240	240	0.00	5	0	0	5
29-1291	Acupuncturists	200	200	-0.25	10	0	0	15
29-1292	Dental Hygienists	3,030	3,040	0.13	125	70	5	200
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	180	180	0.00	10	5	0	15
29-2000	Health Technologists & Technicians	49,140	49,160	0.01	1,670	2,040	5	3,720
29-2010	Clinical Laboratory Technologists & Technicians	6,460	6,460	0.01	205	240	0	445
29-2031	Cardiovascular Technologists & Technicians	1,390	1,390	0.07	45	45	0	90
29-2032	Diagnostic Medical Sonographers	1,390	1,420	0.75	40	35	10	85
29-2033	Nuclear Medicine Technologists	390	390	-0.13	10	10	0	20
29-2034	Radiologic Technologists & Technicians	4,020	4,020	-0.02	110	105	0	215
29-2035	Magnetic Resonance Imaging Technologists	570	560	-0.27	20	15	0	30
29-2042	Emergency Medical Technicians	2,610	2,620	0.13	65	135	5	200
29-2043	Paramedics	1,620	1,620	0.06	30	55	0	85
29-2051	Dietetic Technicians	80	80	0.00	5	5	0	10
29-2052	Pharmacy Technicians	8,290	8,170	-0.71	295	445	0	685
29-2053	Psychiatric Technicians	1,790	1,800	0.33	65	90	5	160
29-2055	Surgical Technologists	2,350	2,350	0.02	70	90	0	160

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
29-2056	Veterinary Technologists & Technicians	1,440	1,490	1.55	50	95	20	165
29-2057	Ophthalmic Medical Technicians	1,060	1,060	0.33	50	60	5	115
29-2061	Licensed Practical & Licensed Vocational Nurses	10,860	10,890	0.13	435	445	15	890
29-2072	Medical Records Specialists	2,590	2,610	0.39	95	90	10	195
29-2081	Opticians, Dispensing	790	780	-1.20	35	30	0	55
29-2091	Orthotists & Prosthetists	180	190	2.20	5	5	5	15
29-2092	Hearing Aid Specialists	*	*	0.00	5	5	0	10
29-2099	Health Technologists & Technicians, All Other	1,130	1,140	0.09	40	45	0	80
29-9000	Other Healthcare Practitioners & Technical Occupations	680	680	0.29	20	25	0	45
29-9021	Health Information Technologists & Medical Registrars	60	60	0.00	0	0	0	5
29-9091	Athletic Trainers	320	330	0.62	10	10	0	25
29-9092	Genetic Counselors	10	10	0.00	0	0	0	0
29-9093	Surgical Assistants	170	170	0.00	5	5	0	10
29-9099	Healthcare Practitioners & Technical Workers, All Other	120	120	0.00	5	5	0	10
31-0000	Healthcare Support Occupations	75,370	75,960	0.39	4,915	6,330	295	11,535
31-1100	Home Health & Personal Care Aides; & Nursing Assistants, Orderlies, & Psychiatric Aides	49,430	49,770	0.34	3,580	3,900	170	7,645
31-1120	Home Health & Personal Care Aides	21,960	22,220	0.60	1,790	1,545	130	3,470
31-1131	Nursing Assistants	25,220	25,290	0.14	1,655	2,140	35	3,825
31-1132	Orderlies	730	730	0.14	45	70	0	115
31-1133	Psychiatric Aides	1,530	1,530	0.13	90	145	0	240
31-2000	Occupational Therapy & Physical Therapist Assistants & Aides	2,980	3,060	1.22	150	280	35	465
31-2011	Occupational Therapy Assistants	390	400	1.80	20	40	5	70
31-2012	Occupational Therapy Aides	50	50	-1.01	0	5	0	5
31-2021	Physical Therapist Assistants	1,780	1,840	1.50	85	165	25	280
31-2022	Physical Therapist Aides	770	770	0.39	35	70	5	110
31-9000	Other Healthcare Support Occupations	22,960	23,140	0.40	1,185	2,150	90	3,425
31-9011	Massage Therapists	1,450	1,480	0.93	100	95	15	210
31-9091	Dental Assistants	4,290	4,310	0.19	235	380	10	620
31-9092	Medical Assistants	10,540	10,650	0.52	490	980	55	1,525
31-9093	Medical Equipment Preparers	890	890	0.11	50	75	0	125
31-9094	Medical Transcriptionists	590	560	-2.25	30	65	0	85
31-9095	Pharmacy Aides	550	520	-3.05	30	60	0	75

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	1,480	1,530	1.67	90	200	25	315
31-9097	Phlebotomists	2,640	2,680	0.64	130	245	15	395
31-9099	Healthcare Support Workers, All Other	530	530	0.19	30	45	0	75
33-0000	Protective Service Occupations	48,250	48,870	0.64	2,190	3,010	310	5,505
33-1000	Supervisors of Protective Service Workers	3,380	3,420	0.69	110	160	25	290
33-1011	First-Line Supervisors of Correctional Officers	460	460	0.33	20	20	0	40
33-1012	First-Line Supervisors of Police & Detectives	1,030	1,050	0.92	25	45	10	80
33-1021	First-Line Supervisors of Firefighting & Prevention Workers	1,020	1,040	1.17	35	40	10	90
33-1091	First-line Supervisors of Security Workers	710	710	0.28	25	40	0	70
33-1099	First-Line Supervisors of Protective Service Workers, All Other	160	150	-0.97	5	10	0	15
33-2000	Firefighting & Prevention Workers	6,670	6,830	1.14	185	360	75	620
33-2011	Firefighters	6,090	6,230	1.14	160	330	70	560
33-2021	Fire Inspectors & Investigators	*	*	1.00	25	30	5	55
33-2022	Forest Fire Inspectors & Prevention Specialists	*	*	2.53	0	0	0	5
33-3000	Law Enforcement Workers	20,280	20,540	0.64	660	1,080	130	1,870
33-3011	Bailiffs	100	100	0.50	10	5	0	15
33-3012	Correctional Officers & Jailers	6,250	6,230	-0.13	220	360	0	570
33-3021	Detectives & Criminal Investigators	1,170	1,190	0.72	40	55	10	100
33-3031	Fish & Game Wardens	*	*	0.66	10	10	0	20
33-3041	Parking Enforcement Workers	*	*	-3.82	0	0	0	0
33-3051	Police & Sheriff's Patrol Officers	12,570	12,830	1.03	380	650	130	1,160
33-9000	Other Protective Service Workers	17,930	18,080	0.43	1,235	1,410	80	2,720
33-9011	Animal Control Workers	260	270	1.13	10	15	5	25
33-9021	Private Detectives & Investigators	220	220	0.00	10	15	0	20
33-9031	Gambling Surveillance Officers & Gambling Investigators	*	*	0.00	5	5	0	15
33-9032	Security Guards	15,290	15,440	0.48	925	1,185	75	2,185
33-9091	Crossing Guards & Flaggers	420	430	1.06	70	20	5	95
33-9092	Lifeguards, Ski Patrol, & Other Recreational Protective Service Workers	850	850	0.35	125	95	5	225
33-9093	Transportation Security Screeners	250	250	0.20	10	10	0	20
33-9094	School Bus Monitors	*	*	-4.26	5	0	0	5
33-9099	Protective Service Workers, All Other	510	500	-1.18	75	60	0	125
35-0000	Food Preparation & Serving Related Occupations	168,450	166,990	-0.44	13,870	16,600	0	29,740

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		2022	2024		Exits	Transfers	Growth	Total
35-1000	Supervisors of Food Preparation & Serving Workers	21,420	21,360	-0.13	1,070	2,255	0	3,295
35-1011	Chefs & Head Cooks	730	730	-0.07	25	70	0	100
35-1012	First-Line Supervisors of Food Preparation & Serving Workers	20,690	20,640	-0.13	1,040	2,185	0	3,200
35-2000	Cooks & Food Preparation Workers	64,780	64,190	-0.46	4,845	5,455	0	10,005
35-2011	Cooks, Fast Food	*	*	-2.25	1,160	1,420	0	2,200
35-2012	Cooks, Institution & Cafeteria	9,650	9,560	-0.45	665	810	0	1,430
35-2013	Cooks, Private Household	480	480	-0.31	35	40	0	70
35-2014	Cooks, Restaurant	16,700	17,360	1.95	1,175	1,440	330	2,945
35-2015	Cooks, Short Order	1,120	1,090	-1.35	75	95	0	155
35-2019	Cooks, All Other	*	*	2.90	0	0	0	5
35-2021	Food Preparation Workers	19,590	19,220	-0.94	1,735	1,650	0	3,200
35-3000	Food & Beverage Serving Workers	71,990	71,180	-0.56	6,830	7,955	0	14,380
35-3011	Bartenders	4,040	4,060	0.23	220	480	10	705
35-3023	Fast Food & Counter Workers	38,220	37,650	-0.74	4,115	4,085	0	7,920
35-3031	Waiters & Waitresses	27,220	26,950	-0.50	2,290	3,200	0	5,355
35-3041	Food Servers, Nonrestaurant	2,510	2,520	0.18	205	190	5	405
35-9000	Other Food Preparation & Serving Related Workers	10,260	10,250	-0.05	1,130	930	0	2,050
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	*	*	0.22	265	230	5	500
35-9021	Dishwashers	3,520	3,490	-0.37	315	280	0	580
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	4,000	4,000	0.04	545	420	0	965
35-9099	Food Preparation & Serving Related Workers, All Other	*	*	0.00	5	0	0	5
37-0000	Building & Grounds Cleaning & Maintenance Occupations	67,050	67,790	0.55	4,110	4,945	370	9,430
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	6,860	6,930	0.53	295	460	35	790
37-1011	First-Line Supervisors of Housekeeping & Janitorial Workers	3,540	3,570	0.42	180	230	15	420
37-1012	First-Line Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers	3,310	3,360	0.65	115	230	20	365
37-2000	Building Cleaning & Pest Control Workers	44,090	44,520	0.49	3,055	3,130	215	6,405
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	28,680	29,040	0.63	2,005	2,025	180	4,210
37-2012	Maids & Housekeeping Cleaners	12,920	12,880	-0.14	970	840	0	1,795
37-2019	Building Cleaning Workers, All Other	50	50	1.06	5	5	0	10

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		2022	2024		Exits	Transfers	Growth	Total
37-2021	Pest Control Workers	2,450	2,550	2.04	75	265	50	390
37-3000	Grounds Maintenance Workers	16,100	16,350	0.75	760	1,355	120	2,235
37-3011	Landscaping & Groundskeeping Workers	15,140	15,370	0.75	730	1,260	115	2,100
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	*	*	1.11	5	10	0	15
37-3013	Tree Trimmers & Pruners	790	800	0.63	30	80	5	115
37-3019	Grounds Maintenance Workers, All Other	*	*	0.00	0	10	0	10
39-0000	Personal Care & Service Occupations	46,250	46,400	0.17	3,230	4,800	80	8,110
39-1000	Supervisors of Personal Care & Service Workers	3,320	3,310	-0.24	160	245	0	395
39-1013	First-Line Supervisors of Gambling Services Workers	130	120	-0.40	5	10	0	15
39-1014	First-line Supervisors of Entertainment & Recreation Workers, Except Gambling Services	1,600	1,590	-0.25	75	120	0	190
39-1022	First-line Supervisors of Personal Service Workers	1,600	1,600	-0.22	75	120	0	190
39-2000	Animal Care & Service Workers	4,430	4,520	1.04	305	510	45	860
39-2011	Animal Trainers	330	340	1.94	20	35	5	60
39-2021	Animal Caretakers	4,100	4,180	0.97	285	475	40	805
39-3000	Entertainment Attendants & Related Workers	5,190	5,200	0.10	580	775	5	1,360
39-3011	Gambling Dealers	*	*	0.34	10	20	0	25
39-3012	Gambling & Sports Book Writers & Runners	*	*	0.00	0	0	0	5
39-3019	Gambling Service Workers, All Other	*	*	-0.34	10	15	0	25
39-3031	Ushers, Lobby Attendants, & Ticket Takers	600	640	3.13	90	85	20	195
39-3091	Amusement & Recreation Attendants	4,180	4,150	-0.35	470	635	0	1,090
39-3092	Costume Attendants	20	20	0.00	0	0	0	5
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	70	70	0.73	10	10	0	20
39-3099	Entertainment Attendants & Related Workers, All Other	*	*	0.00	0	0	0	5
39-4000	Funeral Service Workers	1,220	1,210	-0.33	70	115	0	180
39-4011	Embalmers	*	*	-0.97	5	10	0	15
39-4012	Crematory Operators	*	*	0.00	0	5	0	5
39-4021	Funeral Attendants	560	550	-0.36	35	55	0	85
39-4031	Morticians, Undertakers, & Funeral Arrangers	530	530	-0.19	30	45	0	75
39-5000	Personal Appearance Workers	9,300	9,360	0.30	555	710	30	1,295
39-5011	Barbers	490	500	0.81	20	40	5	60
39-5012	Hairdressers, Hairstylists, & Cosmetologists	6,540	6,560	0.15	405	495	10	910
39-5091	Makeup Artists, Theatrical & Performance	40	40	1.42	0	5	0	5
39-5092	Manicurists & Pedicurists	1,190	1,210	0.50	65	85	5	155

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
39-5093	Shampooers	220	230	0.89	15	20	0	35
39-5094	Skincare Specialists	820	830	0.67	45	70	5	120
39-6000	Baggage Porters, Bellhops, & Concierges	270	270	-0.18	15	25	0	45
39-6011	Baggage Porters & Bellhops	160	160	0.00	10	15	0	25
39-6012	Concierges	120	120	-0.43	5	10	0	20
39-7000	Tour & Travel Guides	380	380	0.40	30	45	0	75
39-7010	Tour & Travel Guides	380	380	0.40	30	45	0	75
39-9000	Other Personal Care & Service Workers	22,140	22,160	0.04	1,515	2,380	10	3,905
39-9011	Childcare Workers	9,940	9,830	-0.58	725	930	0	1,595
39-9031	Exercise Trainers & Group Fitness Instructors	3,670	3,750	1.03	235	425	40	700
39-9032	Recreation Workers	3,850	3,890	0.58	285	490	20	800
39-9041	Residential Advisors	4,210	4,220	0.18	240	480	10	730
39-9099	Personal Care & Service Workers, All Other	480	480	-0.21	35	50	0	80
41-0000	Sales & Related Occupations	218,590	214,590	-0.92	13,000	16,570	0	27,565
41-1000	Supervisors of Sales Workers	31,510	30,630	-1.40	1,260	2,080	0	2,900
41-1011	First-Line Supervisors of Retail Sales Workers	27,660	26,880	-1.42	1,130	1,860	0	2,600
41-1012	First-Line Supervisors of Non-Retail Sales Workers	3,850	3,760	-1.20	130	220	0	305
41-2000	Retail Sales Workers	124,560	121,010	-1.43	9,365	10,390	0	17,985
41-2011	Cashiers	50,770	48,680	-2.08	4,775	4,600	0	8,330
41-2012	Gambling Change Persons & Booth Cashiers	30	30	0.00	0	0	0	5
41-2021	Counter & Rental Clerks	6,040	6,030	-0.12	350	385	0	730
41-2022	Parts Salespersons	5,080	5,110	0.33	255	385	15	660
41-2031	Retail Salespersons	62,640	61,170	-1.18	3,980	5,015	0	8,260
41-3000	Sales Representatives, Services	25,420	25,610	0.37	850	1,690	95	2,635
41-3011	Advertising Sales Agents	1,240	1,280	1.76	45	105	20	175
41-3021	Insurance Sales Agents	9,520	9,510	-0.05	380	490	0	865
41-3031	Securities, Commodities, & Financial Services Sales Agents	3,190	3,210	0.34	90	185	10	285
41-3041	Travel Agents	330	330	0.15	20	20	0	40
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, & Travel	11,150	11,280	0.58	320	890	65	1,270
41-4000	Sales Representatives, Wholesale & Manufacturing	23,810	24,240	0.90	825	1,590	215	2,630
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	2,270	2,330	1.14	80	150	25	255
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	21,530	21,910	0.87	745	1,435	190	2,370

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Alabama Occupational Projections 2022-2024 Detailed Occupations

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		2022	2024		Exits	Transfers	Growth	Total
41-9000	Other Sales & Related Workers	13,310	13,100	-0.77	700	815	0	1,415
41-9011	Demonstrators & Product Promoters	90	90	0.00	10	5	0	15
41-9021	Real Estate Brokers	1,220	1,220	-0.25	60	50	0	105
41-9022	Real Estate Sales Agents	4,990	4,970	-0.18	245	200	0	435
41-9031	Sales Engineers	330	340	1.05	10	25	5	40
41-9041	Telemarketers	1,810	1,770	-1.06	95	170	0	245
41-9091	Door-to-Door Sales Workers, News & Street Vendors, & Related Workers	730	700	-2.16	55	40	0	75
41-9099	Sales & Related Workers, All Other	*	*	-1.44	225	325	0	495
43-0000	Office & Administrative Support Occupations	250,590	247,000	-0.72	13,635	16,480	0	28,315
43-1000	Supervisors of Office & Administrative Support Workers	20,640	20,390	-0.60	895	1,315	0	2,085
43-1011	First-Line Supervisors of Office & Administrative Support Workers	20,640	20,390	-0.60	895	1,315	0	2,085
43-2000	Communications Equipment Operators	1,220	1,170	-2.07	70	75	0	120
43-2011	Switchboard Operators, Including Answering Service	1,160	1,110	-2.22	65	70	0	110
43-2099	Communications Equipment Operators, All Other	*	*	0.96	0	5	0	5
43-3000	Financial Clerks	35,520	35,090	-0.61	2,045	2,130	0	3,955
43-3011	Bill & Account Collectors	2,490	2,460	-0.58	115	170	0	270
43-3021	Billing & Posting Clerks	4,110	4,090	-0.18	200	270	0	460
43-3031	Bookkeeping, Accounting, & Auditing Clerks	19,660	19,500	-0.42	1,310	1,095	0	2,325
43-3051	Payroll & Timekeeping Clerks	1,430	1,400	-1.19	70	85	0	140
43-3061	Procurement Clerks	450	440	-0.67	15	30	0	40
43-3071	Tellers	7,320	7,130	-1.29	330	470	0	705
43-3099	Financial Clerks, All Other	*	*	0.00	0	5	0	5
43-4000	Information & Record Clerks	71,690	71,220	-0.33	4,045	5,680	0	9,495
43-4011	Brokerage Clerks	160	150	-1.27	10	10	0	15
43-4021	Correspondence Clerks	*	*	0.00	0	0	0	5
43-4031	Court, Municipal, & License Clerks	2,290	2,330	0.87	130	135	20	280
43-4041	Credit Authorizers, Checkers, & Clerks	*	*	0.00	5	10	0	15
43-4051	Customer Service Representatives	34,050	33,870	-0.26	1,870	2,900	0	4,685
43-4061	Eligibility Interviewers, Government Programs	2,810	2,850	0.60	120	155	15	295
43-4071	File Clerks	260	250	-1.38	15	15	0	25
43-4081	Hotel, Motel, & Resort Desk Clerks	4,190	4,130	-0.72	285	460	0	715
43-4111	Interviewers, Except Eligibility & Loan	3,610	3,510	-1.47	200	265	0	415
43-4121	Library Assistants, Clerical	980	980	0.05	100	65	0	165

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
43-4131	Loan Interviewers & Clerks	2,840	2,840	-0.02	95	175	0	270
43-4141	New Accounts Clerks	90	90	-1.13	5	5	0	10
43-4151	Order Clerks	400	380	-2.54	20	25	0	35
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	1,060	1,050	-0.57	50	70	0	115
43-4171	Receptionists & Information Clerks	17,390	17,260	-0.39	1,075	1,290	0	2,300
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	430	410	-2.95	20	30	0	40
43-4199	Information & Record Clerks, All Other	960	960	0.26	45	65	0	115
43-5000	Material Recording, Scheduling, Dispatching, & Distributing Workers	27,200	26,430	-1.43	1,135	1,545	0	2,290
43-5011	Cargo & Freight Agents	600	580	-1.86	25	40	0	55
43-5021	Couriers & Messengers	2,480	2,390	-1.93	115	145	0	215
43-5031	Public Safety Telecommunicators	2,380	2,420	0.88	100	150	20	270
43-5032	Dispatchers, Except Police, Fire, & Ambulance	2,200	2,160	-0.96	90	130	0	200
43-5041	Meter Readers, Utilities	510	500	-0.79	20	25	0	35
43-5051	Postal Service Clerks	1,300	1,220	-3.17	65	50	0	75
43-5052	Postal Service Mail Carriers	5,770	5,410	-3.17	215	215	0	255
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	1,110	1,030	-3.67	60	40	0	65
43-5061	Production, Planning, & Expediting Clerks	2,820	2,860	0.60	110	200	15	330
43-5071	Shipping, Receiving, & Inventory Clerks	7,270	7,120	-1.04	300	495	0	715
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	760	750	-0.66	35	50	0	80
43-6000	Secretaries & Administrative Assistants	62,100	60,850	-1.01	3,530	3,700	0	6,605
43-6011	Executive Secretaries & Executive Administrative Assistants	3,140	3,030	-1.67	145	210	0	305
43-6012	Legal Secretaries & Administrative Assistants	3,220	3,180	-0.65	185	210	0	375
43-6013	Medical Secretaries & Administrative Assistants	5,010	5,000	-0.11	285	290	0	570
43-6014	Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	50,730	49,630	-1.09	2,915	2,990	0	5,355
43-9000	Other Office & Administrative Support Workers	32,230	31,860	-0.58	1,915	2,035	0	3,765
43-9021	Data Entry Keyers	1,160	1,120	-2.04	60	80	0	115
43-9022	Word Processors & Typists	140	130	-3.34	10	5	0	15
43-9031	Desktop Publishers	80	80	0.00	5	5	0	10
43-9041	Insurance Claims & Policy Processing Clerks	3,870	3,850	-0.19	160	240	0	390
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	480	480	0.10	30	30	0	65
43-9061	Office Clerks, General	25,590	25,290	-0.58	1,605	1,600	0	3,055

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
43-9071	Office Machine Operators, Except Computer	180	180	-0.82	10	15	0	25
43-9081	Proofreaders & Copy Markers	60	60	-0.90	5	5	0	10
43-9111	Statistical Assistants	40	40	-1.23	0	5	0	5
43-9199	Office & Administrative Support Workers, All Other	630	630	0.24	25	45	0	75
45-0000	Farming, Fishing, & Forestry Occupations	32,050	32,290	0.37	1,645	3,475	120	5,235
45-1000	Supervisors of Farming, Fishing, & Forestry Workers	1,430	1,450	0.66	65	140	10	215
45-1011	First-Line Supervisors of Farming, Fishing, & Forestry Workers	1,430	1,450	0.66	65	140	10	215
45-2000	Agricultural Workers	27,570	27,710	0.27	1,435	2,990	75	4,500
45-2011	Agricultural Inspectors	*	*	0.54	20	50	0	70
45-2041	Graders & Sorters, Agricultural Products	1,170	1,170	-0.38	60	115	0	170
45-2091	Agricultural Equipment Operators	2,160	2,210	1.22	115	235	25	375
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	21,830	21,910	0.19	1,140	2,370	40	3,550
45-2093	Farmworkers, Farm, Ranch, & Aquacultural Animals	1,780	1,790	0.31	90	195	5	290
45-2099	Agricultural Workers, All Other	250	250	0.61	15	25	0	40
45-3000	Fishing & Hunting Workers	150	150	0.33	10	15	0	25
45-3031	Fishing & Hunting Workers	150	150	0.33	10	15	0	25
45-4000	Forest, Conservation, & Logging Workers	2,900	2,970	1.16	130	330	35	495
45-4011	Forest & Conservation Workers	120	120	-0.40	5	15	0	20
45-4021	Fallers	70	70	0.00	5	10	0	10
45-4022	Logging Equipment Operators	2,400	2,460	1.30	110	270	30	410
45-4023	Log Graders & Scalers	240	250	1.23	10	30	5	40
45-4029	Logging Workers, All Other	70	70	0.00	5	10	0	10
47-0000	Construction & Extraction Occupations	101,730	102,730	0.49	3,530	6,510	500	10,540
47-1000	Supervisors of Construction & Extraction Workers	13,580	13,720	0.49	445	825	65	1,335
47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	13,580	13,720	0.49	445	825	65	1,335
47-2000	Construction Trades Workers	76,190	76,950	0.50	2,600	4,830	380	7,810
47-2011	Boilermakers	280	280	-0.36	5	15	0	25
47-2021	Brickmasons & Blockmasons	500	500	-0.10	20	30	0	50
47-2022	Stonemasons	150	150	0.34	5	10	0	15
47-2031	Carpenters	9,700	9,700	0.01	335	570	0	900
47-2041	Carpet Installers	240	230	-1.26	10	10	0	15
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	240	250	0.82	10	15	0	25
47-2043	Floor Sanders & Finishers	20	20	0.00	0	0	0	0

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		2022	2024		Exits	Transfers	Growth	Total
47-2044	Tile & Stone Setters	680	700	1.46	20	35	10	70
47-2051	Cement Masons & Concrete Finishers	1,840	1,840	0.00	50	115	0	160
47-2061	Construction Laborers	20,350	20,620	0.65	730	1,270	135	2,130
47-2071	Paving, Surfacing, & Tamping Equipment Operators	970	990	0.56	35	65	5	105
47-2073	Operating Engineers & Other Construction Equipment Operators	9,620	9,760	0.71	345	640	70	1,055
47-2081	Drywall & Ceiling Tile Installers	690	700	0.51	20	35	5	60
47-2082	Tapers	40	40	-1.23	0	0	0	5
47-2111	Electricians	11,470	11,650	0.79	395	780	90	1,265
47-2121	Glaziers	520	520	0.77	20	40	5	60
47-2131	Insulation Workers, Floor, Ceiling, & Wall	860	870	0.46	25	50	5	80
47-2132	Insulation Workers, Mechanical	*	*	0.14	10	20	0	30
47-2141	Painters, Construction & Maintenance	3,830	3,840	0.20	130	195	10	330
47-2142	Paperhangers	40	40	0.00	0	0	0	5
47-2151	Pipelayers	1,120	1,120	0.27	30	75	5	110
47-2152	Plumbers, Pipefitters, & Steamfitters	7,370	7,420	0.35	245	500	25	770
47-2161	Plasterers & Stucco Masons	120	130	0.81	5	5	0	10
47-2171	Reinforcing Iron & Rebar Workers	80	90	0.59	5	5	0	10
47-2181	Roofers	1,520	1,540	0.59	45	95	10	150
47-2211	Sheet Metal Workers	*	*	0.29	70	145	5	220
47-2221	Structural Iron & Steel Workers	1,380	1,390	0.69	40	100	10	150
47-2231	Solar Photovoltaic Installers	10	10	0.00	0	0	0	0
47-3000	Helpers, Construction Trades	3,790	3,800	0.03	130	330	0	455
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	280	270	-0.36	10	25	0	35
47-3012	Helpers--Carpenters	250	250	-0.59	10	20	0	30
47-3013	Helpers--Electricians	1,980	1,970	-0.10	65	170	0	235
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	50	50	0.00	0	5	0	5
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	1,060	1,070	0.52	35	90	5	135
47-3016	Helpers--Roofers	30	30	0.00	0	0	0	5
47-3019	Helpers, Construction Trades, All Other	150	150	0.00	5	15	0	20
47-4000	Other Construction & Related Workers	6,700	6,780	0.63	315	410	40	765
47-4011	Construction & Building Inspectors	1,330	1,330	-0.08	85	75	0	160
47-4021	Elevator & Escalator Installers & Repairers	240	240	0.21	5	15	0	20
47-4031	Fence Erectors	620	630	0.48	20	45	5	65

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		2022	2024		Exits	Transfers	Growth	Total
47-4041	Hazardous Materials Removal Workers	440	450	0.45	20	35	0	60
47-4051	Highway Maintenance Workers	3,400	3,460	0.92	155	195	30	380
47-4061	Rail-Track Laying & Maintenance Equipment Operators	110	100	-2.79	0	5	0	5
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	500	520	1.49	20	35	10	65
47-4090	Miscellaneous Construction & Related Workers	60	60	2.51	0	5	0	10
47-5000	Extraction Workers	1,470	1,490	0.68	45	120	10	175
47-5012	Rotary Drill Operators, Oil & Gas	10	10	0.00	0	0	0	0
47-5013	Service Unit Operators, Oil & Gas	90	90	1.11	0	10	0	10
47-5022	Excavating & Loading Machine & Dragline Operators, Surface Mining	430	440	0.58	15	30	0	45
47-5023	Earth Drillers, Except Oil & Gas	110	110	0.90	5	10	0	15
47-5032	Explosives Workers, Ordnance Handling Experts, & Blasters	110	110	0.00	5	5	0	10
47-5041	Continuous Mining Machine Operators	370	370	1.09	15	30	5	50
47-5043	Roof Bolters, Mining	*	*	0.00	0	5	0	10
47-5044	Loading & Moving Machine Operators, Underground Mining	*	*	0.00	0	5	0	5
47-5051	Rock Splitters, Quarry	*	*	3.77	0	0	0	0
47-5071	Roustabouts, Oil & Gas	90	90	0.00	0	10	0	10
47-5081	Helpers--Extraction Workers	110	110	0.92	5	10	0	15
49-0000	Installation, Maintenance, & Repair Occupations	104,170	105,080	0.44	3,740	6,185	455	10,380
49-1000	Supervisors of Installation, Maintenance, & Repair Workers	11,210	11,260	0.25	420	625	30	1,070
49-1011	First-Line Supervisors of Mechanics, Installers, & Repairers	11,210	11,260	0.25	420	625	30	1,070
49-2000	Electrical & Electronic Equipment Mechanics, Installers, & Repairers	9,110	9,250	0.80	315	610	75	995
49-2011	Computer, Automated Teller, & Office Machine Repairers	1,290	1,270	-0.62	45	95	0	130
49-2021	Radio, Cellular, & Tower Equipment Installers & Repairers	*	*	2.13	5	5	0	15
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	2,720	2,860	2.48	105	210	70	385
49-2091	Avionics Technicians	920	930	1.03	30	40	10	80
49-2092	Electric Motor, Power Tool, & Related Repairers	350	350	0.72	10	20	0	30
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	*	*	2.35	0	0	0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	1,370	1,370	0.29	40	85	5	130
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	980	950	-1.74	30	60	0	70

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	*	*	0.00	0	0	0	5
49-2097	Audiovisual Equipment Installers & Repairers	210	210	-1.43	10	15	0	20
49-2098	Security & Fire Alarm Systems Installers	1,120	1,150	1.29	40	80	15	135
49-3000	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers	32,300	32,240	-0.10	1,085	1,980	0	3,035
49-3011	Aircraft Mechanics & Service Technicians	3,750	3,790	0.55	110	185	20	315
49-3021	Automotive Body & Related Repairers	2,300	2,280	-0.33	90	130	0	210
49-3022	Automotive Glass Installers & Repairers	370	360	-0.27	10	25	0	35
49-3023	Automotive Service Technicians & Mechanics	10,730	10,600	-0.62	370	675	0	980
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	5,560	5,520	-0.31	185	320	0	485
49-3041	Farm Equipment Mechanics & Service Technicians	940	970	1.27	30	60	10	105
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	4,670	4,730	0.68	150	295	30	480
49-3043	Rail Car Repairers	440	430	-1.14	15	30	0	35
49-3051	Motorboat Mechanics & Service Technicians	540	540	0.09	20	35	0	55
49-3052	Motorcycle Mechanics	*	*	0.15	15	20	0	35
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	430	430	-0.23	15	30	0	45
49-3091	Bicycle Repairers	*	*	-1.18	5	5	0	10
49-3092	Recreational Vehicle Service Technicians	400	410	1.63	15	30	5	50
49-3093	Tire Repairers & Changers	1,780	1,770	-0.34	60	140	0	190
49-9000	Other Installation, Maintenance, & Repair Occupations	51,550	52,320	0.75	1,920	2,975	385	5,280
49-9011	Mechanical Door Repairers	190	190	1.08	5	10	0	20
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	930	910	-1.30	25	45	0	60
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	6,240	6,290	0.38	190	400	25	615
49-9031	Home Appliance Repairers	350	340	-0.73	15	20	0	35
49-9041	Industrial Machinery Mechanics	14,850	15,510	2.19	540	785	330	1,650
49-9043	Maintenance Workers, Machinery	280	290	0.18	15	15	0	30
49-9044	Millwrights	1,300	1,320	0.65	45	70	10	120
49-9045	Refractory Materials Repairers, Except Brickmasons	*	*	1.42	0	0	0	5
49-9051	Electrical Power-Line Installers & Repairers	3,250	3,220	-0.39	75	195	0	255
49-9052	Telecommunications Line Installers & Repairers	1,670	1,730	1.57	50	130	25	205
49-9062	Medical Equipment Repairers	920	910	-0.49	40	55	0	90
49-9063	Musical Instrument Repairers & Tuners	40	40	-2.30	0	0	0	5

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
49-9069	Precision Instrument & Equipment Repairers, All Other	170	170	0.88	10	10	0	20
49-9071	Maintenance & Repair Workers, General	16,450	16,490	0.12	675	915	20	1,610
49-9081	Wind Turbine Service Technicians	20	20	0.00	0	0	0	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	460	460	0.11	25	30	0	55
49-9092	Commercial Divers	10	10	0.00	0	0	0	0
49-9094	Locksmiths & Safe Repairers	210	210	-0.24	10	10	0	20
49-9095	Manufactured Building & Mobile Home Installers	50	50	-3.18	0	5	0	5
49-9096	Riggers	220	230	1.79	10	15	5	30
49-9097	Signal & Track Switch Repairers	10	10	0.00	0	0	0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	2,440	2,440	0.00	135	160	0	295
49-9099	Installation, Maintenance, & Repair Workers, All Other	1,440	1,450	0.31	50	95	5	150
51-0000	Production Occupations	210,020	211,180	0.28	9,190	15,255	580	25,030
51-1000	Supervisors of Production Workers	16,730	17,010	0.83	610	1,135	140	1,885
51-1011	First-Line Supervisors of Production & Operating Workers	16,730	17,010	0.83	610	1,135	140	1,885
51-2000	Assemblers & Fabricators	49,150	49,260	0.11	2,160	3,505	55	5,720
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	790	790	0.19	35	55	0	95
51-2021	Coil Winders, Tapers, & Finishers	280	280	0.36	15	20	0	35
51-2028	Electrical, Electronic, & Electromechanical Assemblers, Except Coil Winders, Tapers, & Finishers	3,400	3,510	1.59	165	230	55	450
51-2031	Engine & Other Machine Assemblers	1,230	1,220	-0.37	90	85	0	170
51-2041	Structural Metal Fabricators & Fitters	2,600	2,570	-0.48	70	180	0	240
51-2051	Fiberglass Laminators & Fabricators	220	220	0.69	10	15	0	30
51-2090	Miscellaneous Assemblers & Fabricators	40,640	40,660	0.03	1,780	2,920	10	4,710
51-3000	Food Processing Workers	18,970	19,070	0.28	960	1,485	55	2,500
51-3011	Bakers	1,890	1,920	0.76	125	150	15	285
51-3021	Butchers & Meat Cutters	2,430	2,360	-1.47	115	185	0	265
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	10,480	10,600	0.55	510	815	60	1,380
51-3023	Slaughterers & Meat Packers	2,310	2,320	0.37	110	180	10	300
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	130	140	1.13	5	10	0	20
51-3092	Food Batchmakers	1,120	1,140	0.67	65	90	10	165
51-3093	Food Cooking Machine Operators & Tenders	290	300	0.51	20	35	0	55
51-3099	Food Processing Workers, All Other	310	310	-0.80	15	20	0	30

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
51-4000	Metal Workers & Plastic Workers	44,030	44,730	0.80	1,595	3,150	350	5,100
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	1,670	1,670	0.00	70	110	0	180
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	*	*	-0.81	10	10	0	20
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	2,600	2,630	0.61	110	170	15	300
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	6,310	6,340	0.28	230	430	20	680
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	*	*	0.58	5	5	0	10
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	1,490	1,520	0.83	75	115	10	205
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	110	110	0.00	10	10	0	15
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	*	*	-1.05	15	10	0	25
51-4041	Machinists	5,620	5,750	1.13	215	390	65	665
51-4051	Metal-Refining Furnace Operators & Tenders	1,250	1,290	1.75	35	100	20	155
51-4052	Pourers & Casters, Metal	270	280	0.92	5	20	0	30
51-4062	Patternmakers, Metal & Plastic	120	120	0.83	5	10	0	15
51-4071	Foundry Mold & Coremakers	*	*	1.29	5	15	0	20
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	*	*	0.43	225	490	30	750
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	2,580	2,650	1.45	100	175	40	315
51-4111	Tool & Die Makers	1,050	1,070	0.62	50	65	5	125
51-4121	Welders, Cutters, Solderers, & Brazers	10,840	11,120	1.31	345	850	140	1,335
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	1,150	1,140	-0.17	35	90	0	120
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	110	120	0.87	5	10	0	15
51-4192	Layout Workers, Metal & Plastic	250	250	1.42	10	15	5	30
51-4193	Plating Machine Setters, Operators, & Tenders, Metal & Plastic	490	480	-0.31	20	30	0	50
51-4194	Tool Grinders, Filers, & Sharpeners	340	340	-0.29	15	25	0	35
51-4199	Metal Workers & Plastic Workers, All Other	110	110	0.00	5	10	0	10
51-5100	Printing Workers	2,950	3,010	1.05	130	205	30	365
51-5111	Prepress Technicians & Workers	350	360	1.42	20	30	5	50
51-5112	Printing Press Operators	2,400	2,450	0.99	105	165	25	290
51-5113	Print Binding & Finishing Workers	190	200	1.04	10	10	0	20
51-6000	Textile, Apparel, & Furnishings Workers	10,800	10,370	-2.02	720	660	0	1,165

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
51-6011	Laundry & Dry-Cleaning Workers	2,730	2,700	-0.61	210	180	0	370
51-6021	Pressers, Textile, Garment, & Related Materials	390	370	-2.99	25	20	0	35
51-6031	Sewing Machine Operators	2,680	2,600	-1.39	180	145	0	290
51-6041	Shoe & Leather Workers & Repairers	60	60	-0.81	5	5	0	10
51-6042	Shoe Machine Operators & Tenders	10	10	-3.64	0	0	0	0
51-6051	Sewers, Hand	100	100	-1.54	10	5	0	10
51-6052	Tailors, Dressmakers, & Custom Sewers	260	250	-1.74	25	10	0	30
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	120	110	-4.69	10	10	0	10
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	200	180	-3.88	10	15	0	20
51-6063	Textile Knitting & Weaving Machine Setters, Operators, & Tenders	1,180	1,120	-2.74	75	80	0	125
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	1,850	1,670	-5.13	115	125	0	145
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	840	830	-0.72	40	50	0	85
51-6092	Fabric & Apparel Patternmakers	10	10	0.00	0	0	0	0
51-6093	Upholsterers	340	340	0.00	15	20	0	35
51-6099	Textile, Apparel, & Furnishings Workers, All Other	20	20	0.00	0	0	0	5
51-7000	Woodworkers	7,480	7,630	1.05	310	500	80	890
51-7011	Cabinetmakers & Bench Carpenters	2,300	2,320	0.52	100	145	10	255
51-7021	Furniture Finishers	150	150	0.00	10	10	0	20
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	2,210	2,260	1.24	100	160	30	285
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	2,750	2,820	1.32	95	180	35	310
51-7099	Woodworkers, All Other	70	70	4.38	5	5	5	10
51-8000	Plant & System Operators	5,730	5,630	-0.87	195	375	0	520
51-8011	Nuclear Power Reactor Operators	370	350	-3.03	10	25	0	25
51-8012	Power Distributors & Dispatchers	300	300	-1.00	10	20	0	25
51-8013	Power Plant Operators	850	790	-3.66	25	50	0	50
51-8021	Stationary Engineers & Boiler Operators	290	290	0.00	15	20	0	35
51-8031	Water & Wastewater Treatment Plant & System Operators	2,550	2,530	-0.39	95	150	0	235
51-8091	Chemical Plant & System Operators	810	840	1.78	20	65	15	100
51-8092	Gas Plant Operators	290	280	-1.73	10	20	0	25
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	*	*	-2.52	5	15	0	15
51-8099	Plant & System Operators, All Other	*	*	0.00	0	5	0	10

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
51-9000	Other Production Occupations	54,190	54,470	0.25	2,510	4,235	135	6,885
51-9011	Chemical Equipment Operators & Tenders	2,240	2,290	1.15	70	165	25	260
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	210	210	0.24	5	15	0	20
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	720	730	0.69	25	55	5	85
51-9022	Grinding & Polishing Workers, Hand	*	*	-1.10	5	15	0	20
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	2,170	2,230	1.21	80	165	25	270
51-9031	Cutters & Trimmers, Hand	360	340	-1.98	20	25	0	40
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	1,280	1,310	1.01	70	95	15	180
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	1,630	1,640	0.37	55	110	5	175
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	670	690	1.63	30	45	10	90
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	11,890	11,650	-0.98	510	940	0	1,335
51-9071	Jewelers & Precious Stone & Metal Workers	480	470	-1.14	30	30	0	55
51-9081	Dental Laboratory Technicians	1,030	1,120	4.26	55	85	45	185
51-9082	Medical Appliance Technicians	*	*	2.82	5	5	0	10
51-9083	Ophthalmic Laboratory Technicians	110	110	0.90	5	10	0	15
51-9111	Packaging & Filling Machine Operators & Tenders	3,090	3,140	0.85	145	210	25	380
51-9123	Painting, Coating, & Decorating Workers	120	120	0.84	5	10	0	15
51-9124	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	4,160	4,240	0.97	125	290	40	455
51-9141	Semiconductor Processing Technicians	40	40	0.00	0	0	0	5
51-9151	Photographic Process Workers & Processing Machine Operators	90	90	-2.25	5	10	0	10
51-9161	Computer Numerically Controlled Tool Operators	2,690	2,700	0.22	85	195	5	285
51-9162	Computer Numerically Controlled Tool Programmers	360	390	3.24	10	25	10	50
51-9191	Adhesive Bonding Machine Operators & Tenders	290	280	-0.70	15	20	0	30
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	330	330	0.46	15	25	0	40
51-9193	Cooling & Freezing Equipment Operators & Tenders	170	180	0.29	5	15	0	20
51-9194	Etchers & Engravers	80	70	-0.67	5	5	0	10
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	850	910	3.36	40	60	30	125
51-9196	Paper Goods Machine Setters, Operators, & Tenders	3,190	3,100	-1.47	165	220	0	340
51-9197	Tire Builders	690	690	0.15	15	55	0	70
51-9198	Helpers--Production Workers	13,270	13,340	0.28	835	1,200	40	2,075
51-9199	Production Workers, All Other	1,760	1,810	1.50	70	130	25	230

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
53-0000	Transportation & Material Moving Occupations	209,180	207,100	-0.50	10,855	17,370	0	27,190
53-1000	Supervisors of Transportation & Material Moving Workers	9,710	9,600	-0.58	350	790	0	1,085
53-1041	Aircraft Cargo Handling Supervisors	*	*	-3.24	0	5	0	5
53-1047	First-Line Supervisors of Transportation & Material Moving Workers, Except Aircraft Cargo Handling Supervisor	*	*	-0.57	345	790	0	1,080
53-2000	Air Transportation Workers	1,910	1,900	-0.31	80	155	0	225
53-2011	Airline Pilots, Copilots, & Flight Engineers	310	310	0.16	15	25	0	40
53-2012	Commercial Pilots	1,310	1,290	-0.61	55	110	0	155
53-2021	Air Traffic Controllers	240	240	0.63	10	15	0	25
53-2022	Airfield Operations Specialists	40	40	1.18	0	5	0	5
53-2031	Flight Attendants	20	10	-3.39	0	0	0	0
53-3000	Motor Vehicle Operators	76,490	75,460	-0.68	4,155	5,135	0	8,770
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	250	250	0.20	10	30	0	40
53-3031	Driver/Sales Workers	7,140	7,180	0.31	335	505	20	860
53-3032	Heavy & Tractor-Trailer Truck Drivers	37,880	37,120	-1.02	1,740	2,655	0	4,010
53-3033	Light Truck Drivers	17,990	17,660	-0.93	830	1,260	0	1,925
53-3051	Bus Drivers, School	8,370	8,450	0.44	895	415	35	1,350
53-3052	Bus Drivers, Transit & Intercity	1,050	1,040	-0.48	85	55	0	135
53-3053	Shuttle Drivers & Chauffeurs	1,780	1,740	-0.99	130	100	0	210
53-3054	Taxi Drivers	1,470	1,450	-0.48	75	80	0	150
53-3099	Motor Vehicle Operators, All Other	560	560	0.27	55	35	0	90
53-4000	Rail Transportation Workers	2,100	1,980	-2.87	60	130	0	130
53-4011	Locomotive Engineers	*	*	-2.77	40	85	0	90
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	*	*	-3.39	0	0	0	0
53-4022	Railroad Brake, Signal, & Switch Operators & Locomotive Firers	*	*	-3.45	10	15	0	20
53-4031	Railroad Conductors & Yardmasters	*	*	-2.83	10	25	0	25
53-5000	Water Transportation Workers	640	600	-3.24	20	50	0	50
53-5011	Sailors & Marine Oilers	140	130	-3.24	5	10	0	10
53-5021	Captains, Mates, & Pilots of Water Vessels	330	310	-4.30	10	25	0	20
53-5022	Motorboat Operators	80	80	0.61	0	5	0	10
53-5031	Ship Engineers	90	80	-2.92	0	5	0	5
53-6000	Other Transportation Workers	3,750	3,740	-0.20	195	360	0	550
53-6011	Bridge & Lock Tenders	50	50	0.00	0	5	0	5

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Alabama Occupational Projections 2022-2024 Detailed Occupations

SOC	Occupation	Employment		Average Annual Growth	Annual Openings			
		2022	2024		Exits	Transfers	Growth	Total
53-6021	Parking Attendants	370	370	-0.67	20	35	0	50
53-6031	Automotive & Watercraft Service Attendants	2,220	2,190	-0.54	120	225	0	330
53-6032	Aircraft Service Attendants	*	*	0.77	25	45	5	75
53-6041	Traffic Technicians	90	90	1.08	5	10	0	15
53-6051	Transportation Inspectors	450	460	1.10	20	30	5	55
53-6061	Passenger Attendants	70	70	-2.86	10	5	0	10
53-6099	Transportation Workers, All Other	*	*	-1.14	0	5	0	5
53-7000	Material Moving Workers	114,570	113,830	-0.32	6,000	10,750	0	16,380
53-7011	Conveyor Operators & Tenders	250	250	0.81	10	20	0	35
53-7021	Crane & Tower Operators	1,100	1,110	0.41	30	85	5	120
53-7031	Dredge Operators	80	90	0.59	5	5	0	10
53-7041	Hoist & Winch Operators	130	130	-0.77	5	10	0	15
53-7051	Industrial Truck & Tractor Operators	14,350	14,120	-0.79	475	1,135	0	1,495
53-7061	Cleaners of Vehicles & Equipment	6,090	6,090	0.03	330	545	0	875
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	46,070	46,010	-0.06	2,230	4,220	0	6,425
53-7063	Machine Feeders & Offbearers	1,990	2,010	0.28	145	185	5	335
53-7064	Packers & Packagers, Hand	7,310	7,190	-0.83	460	660	0	1,055
53-7065	Stockers & Order Fillers	33,910	33,500	-0.61	2,160	3,580	0	5,535
53-7071	Gas Compressor & Gas Pumping Station Operators	*	*	0.00	0	5	0	5
53-7072	Pump Operators, Except Wellhead Pumpers	210	220	0.93	5	20	0	30
53-7073	Wellhead Pumpers	10	10	0.00	0	0	0	0
53-7081	Refuse & Recyclable Material Collectors	2,580	2,630	1.08	120	240	30	390
53-7121	Tank Car, Truck, & Ship Loaders	400	380	-2.14	20	30	0	45
53-7199	Material Moving Workers, All Other	*	*	1.16	0	5	0	5

Source: Alabama Department of Labor, Labor Market Information Division, in cooperation with the University of Alabama's Center for Business and Economic Research, the U.S. Bureau of Labor Statistics, and the Projections Managing Partnership. Note: Totals may not add due to rounding: employment is rounded to the nearest 10, openings are rounded to the nearest 5.

*Indicates data for this occupation is confidential according to standards provided by the U.S. Bureau of Labor Statistics.

Methodology

The 2022 to 2024 projections of occupational employment presented here were prepared utilizing a matrix industry/occupational concept as introduced in Tomorrow's Manpower Needs, BLS Bulletin 1606 and its supplements. Four general steps were followed: (1) Collection and estimation of occupational staffing patterns by industry, (2) Development of projections of wage and salary employment by industry, (3) Matrix development of matching occupational staffing patterns to the projected industry growth (or decline), and (4) Calculation of estimates of replacement requirements by occupation.

The matrix system operates under a microcomputer-based software system developed and technically supported by the Utah Occupational Projections Service Center, Utah Department of Employment Security under contract with the United States Department of Labor. However, the selection of the final methodology and responsibility for the validity of projections rests with the Alabama Department of Labor.

Occupational employment data was checked for confidentiality utilizing a BLS developed program, which screens Occupational Employment Statistics program occupational summary estimates through a set of rejection criteria. Occupations, which fail to meet the criteria, were flagged for suppression in the employment fields, but the remaining information is provided; however, published data for summary level occupations do reflect employment for suppressed occupations.

Collection Activities

The OES program generates occupational estimates on an industry-by-industry basis to determine job needs for occupational guidance and training purposes. Employers who have been randomly selected and stratified by industry and size provide occupational classification from a listing of detailed job descriptions. Nonagricultural employment is collected and estimated over a three-year cycle by state employment security agencies. Periodic publications of occupational estimates by industry are released by the Alabama Department of Labor after each survey is completed and analyzed.

To elicit a high and accurate response, the collection instruments are tailored to the industry's occupational structure. Although each survey questionnaire is limited to a maximum of 225 occupations, total employment is collected in each industry. Data on small or unusual occupations are collected in appropriate residual categories, such as "Engineers, all other" and "Extraction workers, all other."

More than 800 specific occupations have been collected for approximately 400 detailed industries. The industries are categorized by the North American Industry Classification System (NAICS) at the three- and four-digit industry level. The sample is drawn from the Quarterly

Census of Employment and Wages (QCEW), an employment report of the unemployment insurance system. Self-employed, unpaid family, agricultural and domestic workers are not included in the OES Survey. Occupational staffing patterns for these components are derived from 2010 Census data and other reliable sources.

Development of Industrial Projections

Employment levels for each industrial series were developed using time series analysis and are projected to the target year 2024. The final projected matrix is a blend of the occupational structure of each industry applied to the projected industry trend to 2024, as exhibited by historical employment movement at the detailed industry level. The estimates from the various OES surveys are adjusted to total employment for a single, standard reference date – in this case, 2021 OES estimates were used. In this procedure, OES survey estimates are applied to industry controls from the Current Employment Statistics Program. After adjustment to annual average industry data, the survey estimates are processed through a software application that interprets the analysts' decisions to disaggregate the residuals and regroup the data into the matrix format for the base year (2022) for approximately 290 industries and 80 summary level industries.

Matrix Development

To develop cross-industry estimates for each detailed occupation, the occupational content and size must be disaggregated from the residual category. For example, the total number of accountants would be the sum of accountants specifically collected (most industries) plus the accountants estimated in the "all other professional" category in remaining industries. Since the content of the residual categories differs from industry to industry, the estimation of total employment by occupation through simple aggregation of the survey data is not possible. Employment in the residual categories must be partially disaggregated to specific OES survey-based matrix occupations before cross-industry estimates can be tabulated. In the disaggregation process, the residuals are proportioned out using State specific occupational patterns in the 2010 Census-based matrix.

The final matrix occupation list contains approximately 700 detailed occupations and just over 100 summary level titles distributed among approximately 400 detailed industries based on industrial definitions contained in the 2017 North American Industrial Classification (NAICS) system. The survey occupational titles are arranged into the 2010 Standard Occupational Classification System (SOC). Each occupational title is assigned an SOC code based on this classification system.

Occupational Openings – Separations Methodology

To measure occupational separations for 2021-2023 projections, the Bureau of Labor Statistics has implemented a new Separations methodology. The Separations methodology was developed to better capture a more accurate picture of the workforce and give BLS the ability to differentiate between workers who are leaving the labor force entirely and those who are changing jobs and leaving an occupation.

Projections are utilized to predict what will happen in the future regarding occupations, and help stakeholders determine what areas of the economy are expected to see growth and decline. Projections help higher education professionals, labor market analysts, and employers determine what occupations will have more openings than others to best train and prepare the workforce.

Workers once entered the labor force at an early age, working until retirement in the same occupation. New, younger workers would replace them once they retired. From technology advancements and trends in the workforce, to policy updates and new standards in human resources, the U.S. labor force is vastly different. These changes in the workforce have brought about the need for a new methodology. Workers today are more likely to be transient and work in several occupations during their lifetime. The Separations methodology accounts for this workforce trend, capturing reasons workers leave an occupation other than retirement, such as changing careers, being promoted into management or completing a retraining program. The new Separations methodology comprehensively and better captures the dynamics of the workforce. As a result, the new methodology will produce more openings in low-skill jobs and jobs that require less than a post-secondary degree. Workers in occupations that require less education are less likely to stay long-term in that occupation since they do not have high levels of occupation-specific skills.

The Separations methodology incorporates past data, patterns and trends to generate employment projections. Projections from the past methodology should not be compared with projections created using the new Separations methodology. Past projections become outdated when actual employment catches up with them or new projections are released. These are no longer an accurate representation of the workforce.

Rates are the same for all states and will be applied to state-specific occupational staffing patterns. The methodology will account for the distribution of occupations by state, but not state-specific demographics. Since the Separations methodology accounts for the distribution of occupations by states and not demographics, the methodology will not need to be adapted for smaller states.