

Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual	Average Annual Job Openings		
		2012	2022	Growth	Total	Growth	Replacement
00-0000	Total, All Occupations	2,053,110	2,266,330	0.99	71,130	23,085	48,045
11-0000	Management Occupations	109,050	112,550	0.32	2,935	855	2,075
11-1000	Top Executives	30,240	33,940	1.16	945	370	575
11-1011	Chief Executives	1,740	1,810	0.40	45	5	35
11-1021	General and Operations Managers	27,430	30,970	1.22	865	355	515
11-1031	Legislators	1,080	1,150	0.63	30	10	25
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	3,590	3,910	0.86	110	30	80
11-2011	Advertising and Promotions Managers	130	140	0.74	5	0	5
11-2021	Marketing Managers	690	740	0.70	20	5	15
11-2022	Sales Managers	2,280	2,480	0.84	70	20	50
11-2031	Public Relations and Fundraising Managers	500	550	0.96	15	5	10
11-3000	Operations Specialties Managers	14,320	15,700	0.92	405	140	265
11-3011	Administrative Services Managers	880	970	0.98	25	10	15
11-3021	Computer and Information Systems Managers	2,930	3,500	1.79	100	55	40
11-3031	Financial Managers	4,570	4,950	0.80	125	40	85
11-3051	Industrial Production Managers	2,810	2,900	0.32	60	10	50
11-3061	Purchasing Managers	960	1,000	0.41	25	5	20
11-3071	Transportation, Storage, and Distribution Managers	920	990	0.74	30	5	20
11-3111	Compensation and Benefits Managers	110	110	0.00	5	0	5
11-3121	Human Resources Managers	1,010	1,140	1.22	40	15	25
11-3131	Training and Development Managers	130	140	0.74	5	0	5
11-9000	Other Management Occupations	60,900	59,000	-0.32	1,475	320	1,160
11-9013	Farmers, Ranchers, and Other Agricultural Managers	31,220	26,250	-1.72	505	0	505
11-9021	Construction Managers	4,720	5,590	1.71	160	90	75
11-9031	Education Administrators, Preschool and Childcare Center/Program	320	370	1.46	15	5	10
11-9032	Education Administrators, Elementary and Secondary School	3,070	3,220	0.48	95	15	80
11-9033	Education Administrators, Postsecondary	2,100	2,390	1.30	85	30	55
11-9039	Education Administrators, All Other	560	580	0.35	15	0	15
11-9041	Architectural and Engineering Managers	2,770	2,990	0.77	90	20	70
11-9051	Food Service Managers	3,430	3,530	0.29	70	10	60
11-9061	Funeral Service Managers	430	520	1.92	20	10	10
11-9081	Lodging Managers	910	930	0.22	30	5	30
11-9111	Medical and Health Services Managers	2,420	2,910	1.86	110	50	60
11-9121	Natural Sciences Managers	***	***	0.54	5	0	5
11-9131	Postmasters and Mail Superintendents	440	330	-2.84	10	0	10
11-9141	Property, Real Estate, and Community Association Managers	910	1,030	1.25	30	10	20
11-9151	Social and Community Service Managers	1,010	1,220	1.91	45	20	20
11-9161	Emergency Management Directors	140	140	0.00	5	0	0
11-9199	Managers, All Other	6,280	6,820	0.83	190	55	140
13-0000	Business and Financial Operations Occupations	70,250	77,250	0.95	2,225	740	1,485
13-1000	Business Operations Specialists	42,690	47,070	0.98	1,225	470	755

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SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	110	130	1.68	5	0	0
13-1021	Buyers and Purchasing Agents, Farm Products	300	320	0.65	10	0	5
13-1022	Wholesale and Retail Buyers, Except Farm Products	660	700	0.59	20	5	15
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	6,060	6,350	0.47	140	30	110
13-1031	Claims Adjusters, Examiners, and Investigators	3,380	3,480	0.29	90	10	80
13-1032	Insurance Appraisers, Auto Damage	520	560	0.74	15	5	10
13-1041	Compliance Officers	1,650	1,690	0.24	35	5	30
13-1051	Cost Estimators	2,590	3,220	2.20	145	65	85
13-1071	Human Resources Specialists	4,210	4,370	0.37	95	15	75
13-1075	Labor Relations Specialists	1,040	1,040	0.00	20	0	20
13-1081	Logisticians	3,880	4,700	1.94	125	80	45
13-1111	Management Analysts	5,880	7,120	1.93	215	125	90
13-1121	Meeting, Convention, and Event Planners	470	640	3.14	25	15	5
13-1131	Fundraisers	440	520	1.68	15	10	10
13-1141	Compensation, Benefits, and Job Analysis Specialists	480	490	0.21	10	0	10
13-1151	Training and Development Specialists	2,340	2,750	1.63	85	40	45
13-1161	Market Research Analysts and Marketing Specialists	2,380	3,010	2.38	95	65	35
13-1199	Business Operations Specialists, All Other	6,320	5,990	-0.53	85	0	85
13-2000	Financial Specialists	27,560	30,180	0.91	1,000	270	730
13-2011	Accountants and Auditors	15,970	17,730	1.05	650	175	475
13-2021	Appraisers and Assessors of Real Estate	1,050	1,110	0.56	15	5	10
13-2031	Budget Analysts	1,160	1,230	0.59	55	5	45
13-2041	Credit Analysts	750	830	1.02	25	10	20
13-2051	Financial Analysts	760	860	1.24	30	10	20
13-2052	Personal Financial Advisors	1,120	1,430	2.47	50	30	20
13-2053	Insurance Underwriters	780	730	-0.66	20	0	20
13-2061	Financial Examiners	250	260	0.39	5	0	5
13-2071	Credit Counselors	230	270	1.62	10	5	5
13-2072	Loan Officers	3,330	3,550	0.64	85	20	60
13-2081	Tax Examiners and Collectors, and Revenue Agents	1,040	1,050	0.10	35	0	35
13-2082	Tax Preparers	470	500	0.62	15	5	10
13-2099	Financial Specialists, All Other	670	630	-0.61	5	0	5
15-0000	Computer and Mathematical Occupations	39,660	47,200	1.76	1,435	765	670
15-1100	Computer Occupations	38,620	45,920	1.75	1,385	740	645
15-1111	Computer and Information Research Scientists	320	360	1.18	10	5	5
15-1121	Computer Systems Analysts	5,840	7,400	2.40	245	155	90
15-1122	Information Security Analysts	1,030	1,360	2.82	50	35	15
15-1131	Computer Programmers	5,160	5,670	0.95	185	50	135
15-1132	Software Developers, Applications	3,740	4,630	2.16	135	90	50
15-1133	Software Developers, Systems Software	3,430	4,180	2.00	120	75	45
15-1134	Web Developers	860	1,040	1.92	30	20	15
15-1141	Database Administrators	1,850	2,140	1.47	65	30	35
15-1142	Network and Computer Systems Administrators	4,920	5,520	1.16	135	60	75
15-1143	Computer Network Architects	760	860	1.24	25	10	10

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SOC	Occupations	Employment		Avg Annual	Average Annual Job Openings		
		2012	2022	Growth	Total	Growth	Replacement
15-1151	Computer User Support Specialists	7,390	9,310	2.34	305	190	115
15-1152	Computer Network Support Specialists	1,530	1,770	1.47	50	25	25
15-1199	Computer Occupations, All Other	1,790	1,690	-0.57	30	0	30
15-2000	Mathematical Science Occupations	1,040	1,280	2.10	50	25	25
15-2011	Actuaries	40	50	2.26	0	0	0
15-2021	Mathematicians	***	***	0.00	0	0	0
15-2031	Operations Research Analysts	740	910	2.09	35	15	15
15-2041	Statisticians	240	300	2.26	15	5	10
17-0000	Architecture and Engineering Occupations	41,140	44,940	0.89	1,335	390	945
17-1000	Architects, Surveyors, and Cartographers	2,530	2,870	1.27	90	35	55
17-1011	Architects, Except Landscape and Naval	1,200	1,410	1.63	50	20	30
17-1012	Landscape Architects	210	230	0.91	5	0	5
17-1021	Cartographers and Photogrammetrists	540	600	1.06	15	5	10
17-1022	Surveyors	580	630	0.83	15	5	10
17-2000	Engineers	29,040	31,730	0.89	990	280	715
17-2011	Aerospace Engineers	3,250	3,700	1.31	120	45	75
17-2021	Agricultural Engineers	20	10	-6.70	0	0	0
17-2031	Biomedical Engineers	***	***	0.00	0	0	0
17-2041	Chemical Engineers	530	590	1.08	20	5	10
17-2051	Civil Engineers	3,850	4,400	1.34	150	55	95
17-2061	Computer Hardware Engineers	1,290	1,410	0.89	40	10	30
17-2071	Electrical Engineers	4,130	4,590	1.06	135	45	90
17-2072	Electronics Engineers, Except Computer	1,890	1,980	0.47	50	10	40
17-2081	Environmental Engineers	910	1,020	1.15	35	10	20
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	430	450	0.46	15	5	10
17-2112	Industrial Engineers	3,760	4,220	1.16	155	45	110
17-2121	Marine Engineers and Naval Architects	150	170	1.26	5	0	5
17-2131	Materials Engineers	420	430	0.24	15	0	15
17-2141	Mechanical Engineers	3,250	3,630	1.11	150	40	110
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	240	270	1.18	10	5	5
17-2161	Nuclear Engineers	***	***	-0.42	5	0	5
17-2171	Petroleum Engineers	***	***	2.92	5	0	0
17-2199	Engineers, All Other	4,590	4,490	-0.22	85	0	85
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	9,580	10,340	0.77	250	75	175
17-3011	Architectural and Civil Drafters	1,240	1,230	-0.08	15	0	15
17-3012	Electrical and Electronics Drafters	480	520	0.80	10	5	5
17-3013	Mechanical Drafters	730	760	0.40	15	5	10
17-3019	Drafters, All Other	300	360	1.84	10	5	5
17-3021	Aerospace Engineering and Operations Technicians	230	270	1.62	10	5	5
17-3022	Civil Engineering Technicians	600	610	0.17	15	0	10
17-3023	Electrical and Electronics Engineering Technicians	1,990	2,150	0.78	55	15	40
17-3024	Electro-Mechanical Technicians	60	60	0.00	0	0	0
17-3025	Environmental Engineering Technicians	730	860	1.65	30	15	15

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17-3026	Industrial Engineering Technicians	890	970	0.86	25	10	20
17-3027	Mechanical Engineering Technicians	580	680	1.60	20	10	10
17-3029	Engineering Technicians, Except Drafters, All Other	720	720	0.00	15	0	15
17-3031	Surveying and Mapping Technicians	1,030	1,160	1.20	30	15	20
19-0000	Life, Physical, and Social Science Occupations	9,930	10,840	0.88	385	95	295
19-1000	Life Scientists	1,420	1,480	0.41	45	5	40
19-1011	Animal Scientists	***	***	0.00	0	0	0
19-1012	Food Scientists and Technologists	170	170	0.00	5	0	5
19-1013	Soil and Plant Scientists	140	150	0.69	5	0	5
19-1021	Biochemists and Biophysicists	***	***	0.00	0	0	0
19-1022	Microbiologists	190	200	0.51	5	0	5
19-1023	Zoologists and Wildlife Biologists	110	110	0.00	5	0	5
19-1029	Biological Scientists, All Other	***	***	0.00	5	0	5
19-1031	Conservation Scientists	110	100	-0.95	5	0	5
19-1032	Foresters	220	240	0.87	10	0	5
19-1041	Epidemiologists	40	50	2.26	0	0	0
19-1042	Medical Scientists, Except Epidemiologists	130	140	0.74	5	0	5
19-1099	Life Scientists, All Other	130	130	0.00	5	0	5
19-2000	Physical Scientists	2,860	3,130	0.91	105	25	80
19-2011	Astronomers	***	***	0.00	0	0	0
19-2012	Physicists	190	200	0.51	5	0	5
19-2021	Atmospheric and Space Scientists	120	130	0.80	5	0	5
19-2031	Chemists	750	800	0.65	25	5	20
19-2032	Materials Scientists	***	***	0.00	5	0	0
19-2041	Environmental Scientists and Specialists, Including Health	1,170	1,290	0.98	45	10	35
19-2042	Geoscientists, Except Hydrologists and Geographers	310	370	1.79	15	5	10
19-2043	Hydrologists	10	10	0.00	0	0	0
19-2099	Physical Scientists, All Other	210	220	0.47	5	0	5
19-3000	Social Scientists and Related Workers	1,960	2,190	1.12	80	25	55
19-3011	Economists	60	60	0.00	0	0	0
19-3022	Survey Researchers	***	***	2.54	0	0	0
19-3031	Clinical, Counseling, and School Psychologists	1,020	1,180	1.47	45	15	30
19-3032	Industrial-Organizational Psychologists	***	***	2.92	5	0	0
19-3039	Psychologists, All Other	130	140	0.74	5	0	5
19-3041	Sociologists	***	***	0.00	0	0	0
19-3051	Urban and Regional Planners	330	360	0.87	20	5	15
19-3091	Anthropologists and Archeologists	40	40	0.00	0	0	0
19-3092	Geographers	***	***	4.14	0	0	0
19-3093	Historians	60	60	0.00	0	0	0
19-3099	Social Scientists and Related Workers, All Other	200	180	-1.05	5	0	5
19-4000	Life, Physical, and Social Science Technicians	3,690	4,040	0.91	155	35	120
19-4011	Agricultural and Food Science Technicians	180	180	0.00	5	0	5
19-4021	Biological Technicians	1,040	1,140	0.92	40	10	30
19-4031	Chemical Technicians	970	1,070	0.99	35	10	25
19-4041	Geological and Petroleum Technicians	50	60	1.84	5	0	0

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19-4051	Nuclear Technicians	70	70	0.00	5	0	5
19-4061	Social Science Research Assistants	***	***	0.00	0	0	0
19-4091	Environmental Science and Protection Technicians, Including Health	600	700	1.55	35	10	25
19-4092	Forensic Science Technicians	80	80	0.00	5	0	5
19-4093	Forest and Conservation Technicians	240	240	0.00	10	0	10
19-4099	Life, Physical, and Social Science Technicians, All Other	440	470	0.66	20	5	15
21-0000	Community and Social Service Occupations	39,770	45,970	1.46	1,570	620	950
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	17,970	21,130	1.63	715	315	400
21-1011	Substance Abuse and Behavioral Disorder Counselors	760	990	2.68	40	25	15
21-1012	Educational, Guidance, School, and Vocational Counselors	2,990	3,320	1.05	95	35	65
21-1013	Marriage and Family Therapists	320	410	2.51	15	10	5
21-1014	Mental Health Counselors	840	1,040	2.16	40	20	20
21-1015	Rehabilitation Counselors	940	1,130	1.86	40	20	20
21-1019	Counselors, All Other	60	70	1.55	5	0	0
21-1021	Child, Family, and School Social Workers	4,050	4,510	1.08	135	45	85
21-1022	Healthcare Social Workers	2,520	3,190	2.39	120	65	55
21-1023	Mental Health and Substance Abuse Social Workers	1,150	1,380	1.84	45	20	25
21-1029	Social Workers, All Other	330	350	0.59	10	0	5
21-1091	Health Educators	360	450	2.26	20	10	10
21-1092	Probation Officers and Correctional Treatment Specialists	1,180	1,200	0.17	35	0	30
21-1093	Social and Human Service Assistants	1,900	2,370	2.23	95	45	50
21-1094	Community Health Workers	460	560	1.99	20	10	10
21-1099	Community and Social Service Specialists, All Other	130	150	1.44	5	5	5
21-2000	Religious Workers	21,790	24,840	1.32	850	305	550
21-2011	Clergy	11,410	13,050	1.35	395	165	235
21-2021	Directors, Religious Activities and Education	6,840	7,760	1.27	325	90	235
21-2099	Religious Workers, All Other	3,550	4,030	1.28	130	50	80
23-0000	Legal Occupations	12,030	13,290	1.00	320	125	195
23-1000	Lawyers, Judges, and Related Workers	8,000	8,780	0.93	205	80	130
23-1011	Lawyers	7,040	7,800	1.03	190	75	115
23-1012	Judicial Law Clerks	40	40	0.00	0	0	0
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	140	130	-0.74	0	0	0
23-1022	Arbitrators, Mediators, and Conciliators	70	70	0.00	0	0	0
23-1023	Judges, Magistrate Judges, and Magistrates	720	740	0.27	15	0	10
23-2000	Legal Support Workers	4,030	4,510	1.13	115	50	65
23-2011	Paralegals and Legal Assistants	3,000	3,420	1.32	90	40	50
23-2091	Court Reporters	450	480	0.65	10	5	5
23-2093	Title Examiners, Abstractors, and Searchers	360	400	1.06	10	5	5
23-2099	Legal Support Workers, All Other	220	210	-0.46	5	0	5
25-0000	Education, Training, and Library Occupations	107,490	118,980	1.02	3,365	1,150	2,215
25-1000	Postsecondary Teachers	18,810	22,510	1.81	655	370	285
25-1011	Business Teachers, Postsecondary	1,240	1,410	1.29	35	20	20
25-1021	Computer Science Teachers, Postsecondary	***	***	1.23	15	5	10

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25-1022	Mathematical Science Teachers, Postsecondary	750	830	1.02	20	10	10
25-1031	Architecture Teachers, Postsecondary	***	***	2.03	0	0	0
25-1032	Engineering Teachers, Postsecondary	560	620	1.02	15	5	10
25-1041	Agricultural Sciences Teachers, Postsecondary	190	210	1.01	5	0	5
25-1042	Biological Science Teachers, Postsecondary	1,730	2,460	3.58	100	75	25
25-1043	Forestry and Conservation Science Teachers, Postsecondary	***	***	0.00	0	0	0
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	70	80	1.34	0	0	0
25-1052	Chemistry Teachers, Postsecondary	260	290	1.10	5	5	5
25-1053	Environmental Science Teachers, Postsecondary	30	30	0.00	0	0	0
25-1054	Physics Teachers, Postsecondary	180	210	1.55	5	0	5
25-1061	Anthropology and Archeology Teachers, Postsecondary	***	***	0.00	0	0	0
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	***	***	0.00	0	0	0
25-1063	Economics Teachers, Postsecondary	150	170	1.26	5	0	0
25-1064	Geography Teachers, Postsecondary	50	60	1.84	0	0	0
25-1065	Political Science Teachers, Postsecondary	210	240	1.34	5	5	5
25-1066	Psychology Teachers, Postsecondary	410	460	1.16	10	5	5
25-1067	Sociology Teachers, Postsecondary	140	160	1.34	5	0	0
25-1069	Social Sciences Teachers, Postsecondary, All Other	40	40	0.00	0	0	0
25-1071	Health Specialties Teachers, Postsecondary	2,460	3,310	3.01	120	85	35
25-1072	Nursing Instructors and Teachers, Postsecondary	1,370	1,830	2.94	65	45	20
25-1081	Education Teachers, Postsecondary	960	1,090	1.28	25	15	15
25-1082	Library Science Teachers, Postsecondary	170	190	1.12	5	0	5
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	180	210	1.55	5	5	5
25-1112	Law Teachers, Postsecondary	***	***	1.55	10	5	5
25-1113	Social Work Teachers, Postsecondary	100	120	1.84	5	0	0
25-1121	Art, Drama, and Music Teachers, Postsecondary	780	880	1.21	25	10	10
25-1122	Communications Teachers, Postsecondary	330	370	1.15	10	5	5
25-1123	English Language and Literature Teachers, Postsecondary	1,060	1,170	0.99	30	10	15
25-1124	Foreign Language and Literature Teachers, Postsecondary	240	270	1.18	5	5	5
25-1125	History Teachers, Postsecondary	400	440	0.96	10	5	5
25-1126	Philosophy and Religion Teachers, Postsecondary	210	250	1.76	5	5	5
25-1191	Graduate Teaching Assistants	400	430	0.73	10	5	5
25-1192	Home Economics Teachers, Postsecondary	180	190	0.54	5	0	5
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	220	250	1.29	5	5	5
25-1194	Vocational Education Teachers, Postsecondary	2,120	2,430	1.37	65	30	30
25-1199	Postsecondary Teachers, All Other	520	590	1.27	15	5	10
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	50,630	55,540	0.93	1,695	490	1,205
25-2011	Preschool Teachers, Except Special Education	2,880	3,440	1.79	135	55	80
25-2012	Kindergarten Teachers, Except Special Education	2,810	3,130	1.08	110	35	80
25-2021	Elementary School Teachers, Except Special Education	18,240	20,360	1.11	615	210	400
25-2022	Middle School Teachers, Except Special and Career/Technical Education	8,790	9,840	1.13	300	105	195

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
25-2023	Career/Technical Education Teachers, Middle School	340	350	0.29	10	0	5
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	12,930	13,550	0.47	415	60	350
25-2032	Career/Technical Education Teachers, Secondary School	1,170	1,220	0.42	35	5	30
25-2051	Special Education Teachers, Preschool	50	70	3.42	5	0	0
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,650	1,730	0.47	35	10	30
25-2053	Special Education Teachers, Middle School	610	640	0.48	15	5	10
25-2054	Special Education Teachers, Secondary School	1,070	1,120	0.46	20	5	20
25-2059	Special Education Teachers, All Other	80	80	0.00	0	0	0
25-3000	Other Teachers and Instructors	23,660	25,440	0.73	580	180	405
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	810	880	0.83	20	5	15
25-3021	Self-Enrichment Education Teachers	3,350	3,880	1.48	110	55	55
25-3098	Substitute Teachers	16,440	17,240	0.48	360	80	280
25-3099	Teachers and Instructors, All Other	3,060	3,440	1.18	90	40	50
25-4000	Librarians, Curators, and Archivists	3,010	3,210	0.65	120	20	100
25-4011	Archivists	60	70	1.55	0	0	0
25-4012	Curators	100	110	0.96	5	0	0
25-4013	Museum Technicians and Conservators	50	50	0.00	0	0	0
25-4021	Librarians	1,780	1,880	0.55	50	10	40
25-4031	Library Technicians	1,020	1,100	0.76	65	10	55
25-9000	Other Education, Training, and Library Occupations	11,390	12,280	0.76	315	90	225
25-9011	Audio-Visual and Multimedia Collections Specialists	50	50	0.00	0	0	0
25-9021	Farm and Home Management Advisors	800	870	0.84	15	5	5
25-9031	Instructional Coordinators	1,110	1,190	0.70	20	10	10
25-9041	Teacher Assistants	9,100	9,840	0.78	280	75	205
25-9099	Education, Training, and Library Workers, All Other	330	330	0.00	5	0	5
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	25,330	27,840	0.95	875	280	600
27-1000	Art and Design Workers	8,950	10,020	1.14	350	120	235
27-1011	Art Directors	370	390	0.53	10	0	10
27-1012	Craft Artists	250	270	0.77	10	0	5
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	140	150	0.69	5	0	5
27-1014	Multimedia Artists and Animators	140	140	0.00	5	0	5
27-1019	Artists and Related Workers, All Other	***	***	-1.53	0	0	0
27-1021	Commercial and Industrial Designers	90	110	2.03	5	0	0
27-1022	Fashion Designers	***	***	-1.81	0	0	0
27-1023	Floral Designers	1,160	1,060	-0.90	30	0	30
27-1024	Graphic Designers	1,960	2,110	0.74	65	15	50
27-1025	Interior Designers	480	540	1.18	20	5	15
27-1026	Merchandise Displayers and Window Trimmers	4,120	5,010	1.98	200	90	110
27-1027	Set and Exhibit Designers	80	90	1.18	5	0	0
27-1029	Designers, All Other	***	***	0.00	0	0	0
27-2000	Entertainers and Performers, Sports and Related Workers	6,190	6,910	1.11	250	70	180

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
27-2012	Producers and Directors	560	590	0.52	20	5	20
27-2021	Athletes and Sports Competitors	30	30	0.00	0	0	0
27-2022	Coaches and Scouts	3,050	3,540	1.50	140	50	90
27-2023	Umpires, Referees, and Other Sports Officials	130	140	0.74	5	0	5
27-2031	Dancers	***	***	0.00	0	0	0
27-2032	Choreographers	180	240	2.92	10	5	5
27-2041	Music Directors and Composers	380	380	0.00	10	0	10
27-2042	Musicians and Singers	1,780	1,900	0.65	60	10	50
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	40	40	0.00	0	0	0
27-3000	Media and Communication Workers	6,850	7,300	0.64	205	60	145
27-3011	Radio and Television Announcers	940	950	0.11	20	0	20
27-3012	Public Address System and Other Announcers	***	***	7.18	0	0	0
27-3021	Broadcast News Analysts	190	190	0.00	5	0	5
27-3022	Reporters and Correspondents	550	460	-1.77	20	0	20
27-3031	Public Relations Specialists	2,350	2,670	1.28	65	30	30
27-3041	Editors	800	740	-0.78	20	0	20
27-3042	Technical Writers	860	980	1.31	40	10	25
27-3043	Writers and Authors	760	790	0.39	20	0	15
27-3091	Interpreters and Translators	360	500	3.34	20	15	5
27-3099	Media and Communication Workers, All Other	20	20	0.00	0	0	0
27-4000	Media and Communication Equipment Workers	3,350	3,610	0.75	70	25	40
27-4011	Audio and Video Equipment Technicians	350	390	1.09	10	5	5
27-4012	Broadcast Technicians	380	390	0.26	10	0	5
27-4013	Radio Operators	***	***	0.00	0	0	0
27-4014	Sound Engineering Technicians	90	100	1.06	0	0	0
27-4021	Photographers	1,960	2,140	0.88	40	20	20
27-4031	Camera Operators, Television, Video, and Motion Picture	240	260	0.80	5	0	0
27-4032	Film and Video Editors	210	220	0.47	5	0	0
27-4099	Media and Communication Equipment Workers, All Other	***	***	0.00	0	0	0
29-0000	Healthcare Practitioners and Technical Occupations	125,110	151,040	1.90	5,130	2,595	2,540
29-1000	Health Diagnosing and Treating Practitioners	75,510	89,940	1.76	2,980	1,445	1,540
29-1011	Chiropractors	600	660	0.96	20	5	10
29-1021	Dentists, General	1,300	1,450	1.10	50	15	30
29-1022	Oral and Maxillofacial Surgeons	***	***	0.00	0	0	0
29-1023	Orthodontists	90	100	1.06	0	0	0
29-1029	Dentists, All Other Specialists	60	70	1.55	5	0	0
29-1031	Dietitians and Nutritionists	790	950	1.86	25	15	10
29-1041	Optometrists	400	470	1.63	20	5	10
29-1051	Pharmacists	5,160	5,890	1.33	195	75	125
29-1061	Anesthesiologists	680	850	2.26	35	15	15
29-1062	Family and General Practitioners	750	820	0.90	25	5	20
29-1063	Internists, General	430	480	1.11	15	5	10
29-1064	Obstetricians and Gynecologists	230	250	0.84	10	0	5
29-1065	Pediatricians, General	440	480	0.87	15	5	10

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
29-1066	Psychiatrists	250	300	1.84	10	5	5
29-1067	Surgeons	370	440	1.75	15	10	10
29-1069	Physicians and Surgeons, All Other	4,470	5,390	1.89	205	90	110
29-1071	Physician Assistants	430	580	3.04	25	15	10
29-1081	Podiatrists	100	120	1.84	5	0	0
29-1122	Occupational Therapists	1,140	1,510	2.85	50	35	15
29-1123	Physical Therapists	2,290	3,080	3.01	135	80	55
29-1124	Radiation Therapists	360	430	1.79	15	10	5
29-1125	Recreational Therapists	130	140	0.74	5	0	5
29-1126	Respiratory Therapists	2,350	2,740	1.55	75	40	35
29-1127	Speech-Language Pathologists	1,200	1,480	2.12	45	30	20
29-1128	Exercise Physiologists	70	70	0.00	0	0	0
29-1129	Therapists, All Other	40	60	4.14	0	0	0
29-1131	Veterinarians	1,030	1,190	1.45	50	15	35
29-1141	Registered Nurses	45,970	54,620	1.74	1,755	865	890
29-1151	Nurse Anesthetists	990	1,180	1.77	40	20	20
29-1161	Nurse Midwives	***	***	0.00	0	0	0
29-1171	Nurse Practitioners	1,750	2,300	2.77	90	55	35
29-1181	Audiologists	140	180	2.54	5	5	5
29-1199	Health Diagnosing and Treating Practitioners, All Other	1,480	1,620	0.91	45	15	30
29-2000	Health Technologists and Technicians	47,690	58,900	2.13	2,070	1,120	950
29-2011	Medical and Clinical Laboratory Technologists	2,450	2,750	1.16	95	30	65
29-2012	Medical and Clinical Laboratory Technicians	2,210	2,820	2.47	120	60	60
29-2021	Dental Hygienists	3,050	3,970	2.67	170	90	80
29-2031	Cardiovascular Technologists and Technicians	840	1,100	2.73	40	25	10
29-2032	Diagnostic Medical Sonographers	1,130	1,630	3.73	65	50	15
29-2033	Nuclear Medicine Technologists	420	510	1.96	15	10	5
29-2034	Radiologic Technologists	3,550	4,220	1.74	115	65	50
29-2035	Magnetic Resonance Imaging Technologists	480	600	2.26	20	10	5
29-2041	Emergency Medical Technicians and Paramedics	3,300	4,220	2.49	180	90	90
29-2051	Dietetic Technicians	160	180	1.18	5	0	0
29-2052	Pharmacy Technicians	6,550	7,830	1.80	195	130	65
29-2053	Psychiatric Technicians	1,370	1,540	1.18	30	15	15
29-2054	Respiratory Therapy Technicians	390	450	1.44	10	5	5
29-2055	Surgical Technologists	1,970	2,500	2.41	75	55	20
29-2056	Veterinary Technologists and Technicians	770	1,020	2.85	35	25	10
29-2057	Ophthalmic Medical Technicians	350	430	2.08	10	10	5
29-2061	Licensed Practical and Licensed Vocational Nurses	14,550	17,960	2.13	695	340	355
29-2071	Medical Records and Health Information Technicians	2,750	3,330	1.93	130	60	75
29-2081	Opticians, Dispensing	590	700	1.72	30	10	15
29-2091	Orthotists and Prosthetists	180	270	4.14	10	10	0
29-2092	Hearing Aid Specialists	***	***	1.34	0	0	0
29-2099	Health Technologists and Technicians, All Other	590	790	2.96	25	20	5
29-9000	Other Healthcare Practitioners and Technical Occupations	1,900	2,200	1.48	80	30	50

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
29-9011	Occupational Health and Safety Specialists	930	1,000	0.73	30	5	25
29-9012	Occupational Health and Safety Technicians	140	160	1.34	5	0	5
29-9091	Athletic Trainers	260	330	2.41	15	5	5
29-9092	Genetic Counselors	***	***	0.00	0	0	0
29-9099	Healthcare Practitioners and Technical Workers, All Other	570	700	2.08	30	15	15
31-0000	Healthcare Support Occupations	53,240	65,230	2.05	2,220	1,200	1,025
31-1000	Nursing, Psychiatric, and Home Health Aides	32,460	39,520	1.99	1,325	705	620
31-1011	Home Health Aides	8,340	11,730	3.47	495	340	160
31-1013	Psychiatric Aides	1,750	1,980	1.24	55	25	35
31-1014	Nursing Assistants	20,790	23,980	1.44	715	320	395
31-1015	Orderlies	1,580	1,830	1.48	55	25	30
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	2,790	3,960	3.56	180	115	65
31-2011	Occupational Therapy Assistants	360	530	3.94	25	20	10
31-2012	Occupational Therapy Aides	20	30	4.14	0	0	0
31-2021	Physical Therapist Assistants	1,870	2,680	3.66	125	80	40
31-2022	Physical Therapist Aides	540	720	2.92	30	20	10
31-9000	Other Healthcare Support Occupations	17,990	21,760	1.92	720	375	345
31-9011	Massage Therapists	650	780	1.84	20	15	5
31-9091	Dental Assistants	3,060	3,720	1.97	130	65	65
31-9092	Medical Assistants	6,920	8,800	2.43	320	185	130
31-9093	Medical Equipment Preparers	870	1,030	1.70	35	15	15
31-9094	Medical Transcriptionists	1,470	1,540	0.47	35	5	30
31-9095	Pharmacy Aides	680	760	1.12	20	10	15
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,420	1,620	1.33	45	20	25
31-9097	Phlebotomists	1,530	1,860	1.97	60	35	30
31-9099	Healthcare Support Workers, All Other	1,390	1,650	1.73	55	25	25
33-0000	Protective Service Occupations	43,630	46,890	0.72	1,475	325	1,145
33-1000	Supervisors of Protective Service Workers	3,250	3,440	0.57	130	20	110
33-1011	First-Line Supervisors of Correctional Officers	470	480	0.21	15	0	15
33-1012	First-Line Supervisors of Police and Detectives	1,100	1,170	0.62	40	5	35
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	1,120	1,190	0.61	55	5	50
33-1099	First-Line Supervisors of Protective Service Workers, All Other	560	600	0.69	20	5	15
33-2000	Fire Fighting and Prevention Workers	5,100	5,430	0.63	175	35	140
33-2011	Firefighters	4,910	5,220	0.61	165	30	135
33-2021	Fire Inspectors and Investigators	140	150	0.69	5	0	5
33-2022	Forest Fire Inspectors and Prevention Specialists	60	60	0.00	0	0	0
33-3000	Law Enforcement Workers	18,630	19,650	0.53	645	100	540
33-3011	Bailiffs	140	140	0.00	5	0	5
33-3012	Correctional Officers and Jailers	6,010	6,230	0.36	180	20	160
33-3021	Detectives and Criminal Investigators	1,240	1,280	0.32	30	5	25
33-3031	Fish and Game Wardens	230	240	0.43	5	0	5
33-3041	Parking Enforcement Workers	70	80	1.34	0	0	0
33-3051	Police and Sheriff's Patrol Officers	10,890	11,620	0.65	415	75	340

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
33-3052	Transit and Railroad Police	50	50	0.00	0	0	0
33-9000	Other Protective Service Workers	16,650	18,370	0.99	530	175	355
33-9011	Animal Control Workers	***	***	0.84	5	0	5
33-9021	Private Detectives and Investigators	300	340	1.26	10	5	10
33-9031	Gaming Surveillance Officers and Gaming Investigators	***	***	0.00	0	0	0
33-9032	Security Guards	13,420	14,890	1.04	355	145	205
33-9091	Crossing Guards	630	610	-0.32	10	0	10
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1,210	1,350	1.10	95	15	85
33-9093	Transportation Security Screeners	280	290	0.35	10	0	5
33-9099	Protective Service Workers, All Other	530	590	1.08	40	5	35
35-0000	Food Preparation and Serving Related Occupations	148,950	162,220	0.86	6,705	1,340	5,365
35-1000	Supervisors of Food Preparation and Serving Workers	16,330	18,300	1.15	650	200	455
35-1011	Chefs and Head Cooks	580	610	0.51	15	5	10
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	15,750	17,690	1.17	640	195	445
35-2000	Cooks and Food Preparation Workers	43,610	46,390	0.62	1,255	290	965
35-2011	Cooks, Fast Food	8,400	8,290	-0.13	165	0	165
35-2012	Cooks, Institution and Cafeteria	8,340	9,130	0.91	245	80	165
35-2013	Cooks, Private Household	***	***	0.00	0	0	0
35-2014	Cooks, Restaurant	13,950	15,990	1.37	480	205	275
35-2015	Cooks, Short Order	1,050	1,040	-0.10	20	0	20
35-2019	Cooks, All Other	230	250	0.84	5	0	5
35-2021	Food Preparation Workers	11,620	11,670	0.04	340	5	335
35-3000	Food and Beverage Serving Workers	77,230	85,080	0.97	4,065	785	3,280
35-3011	Bartenders	3,190	3,550	1.08	155	35	120
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	40,870	46,690	1.34	2,140	580	1,560
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,490	3,530	0.11	215	5	210
35-3031	Waiters and Waitresses	27,560	28,800	0.44	1,450	125	1,325
35-3041	Food Servers, Nonrestaurant	2,130	2,520	1.70	100	40	60
35-9000	Other Food Preparation and Serving Related Workers	11,790	12,440	0.54	735	65	670
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,590	1,720	0.79	85	15	70
35-9021	Dishwashers	5,300	5,580	0.52	260	30	235
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	4,740	4,980	0.50	380	25	355
35-9099	Food Preparation and Serving Related Workers, All Other	160	170	0.61	10	0	10
37-0000	Building and Grounds Cleaning and Maintenance Occupations	67,220	76,450	1.29	2,315	925	1,390
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	6,500	7,510	1.45	210	100	110
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,900	3,340	1.42	115	45	70
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	3,610	4,170	1.45	100	55	40
37-2000	Building Cleaning and Pest Control Workers	43,640	49,610	1.29	1,445	595	850

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	27,930	31,540	1.22	885	360	525
37-2012	Maids and Housekeeping Cleaners	13,740	15,680	1.33	465	195	270
37-2021	Pest Control Workers	1,970	2,380	1.91	95	40	55
37-3000	Grounds Maintenance Workers	17,080	19,330	1.25	655	225	430
37-3011	Landscaping and Groundskeeping Workers	16,050	18,150	1.24	615	210	405
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	410	470	1.38	15	5	10
37-3013	Tree Trimmers and Pruners	530	610	1.42	20	10	15
37-3019	Grounds Maintenance Workers, All Other	90	100	1.06	5	0	0
39-0000	Personal Care and Service Occupations	59,790	72,450	1.94	2,580	1,270	1,310
39-1000	Supervisors of Personal Care and Service Workers	4,510	5,120	1.28	145	60	85
39-1011	Gaming Supervisors	70	80	1.34	0	0	0
39-1012	Slot Supervisors	***	***	1.34	5	0	0
39-1021	First-Line Supervisors of Personal Service Workers	4,370	4,960	1.27	140	60	80
39-2000	Animal Care and Service Workers	2,780	3,330	1.82	95	55	40
39-2011	Animal Trainers	260	320	2.10	20	5	10
39-2021	Nonfarm Animal Caretakers	2,520	3,010	1.79	80	50	30
39-3000	Entertainment Attendants and Related Workers	4,320	4,710	0.87	250	40	210
39-3011	Gaming Dealers	***	***	1.55	5	0	0
39-3012	Gaming and Sports Book Writers and Runners	***	***	0.61	5	0	5
39-3019	Gaming Service Workers, All Other	***	***	0.00	0	0	0
39-3021	Motion Picture Projectionists	70	50	-3.31	5	0	5
39-3031	Ushers, Lobby Attendants, and Ticket Takers	***	***	0.69	90	10	80
39-3091	Amusement and Recreation Attendants	2,350	2,610	1.05	145	25	120
39-3092	Costume Attendants	***	***	0.00	0	0	0
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	***	***	1.55	5	0	5
39-4000	Funeral Service Workers	1,290	1,380	0.68	40	10	25
39-4011	Embalmers	180	160	-1.17	5	0	5
39-4021	Funeral Attendants	950	1,040	0.91	30	10	20
39-4031	Morticians, Undertakers, and Funeral Directors	160	190	1.73	5	5	5
39-5000	Personal Appearance Workers	7,720	8,960	1.50	290	125	165
39-5011	Barbers	230	270	1.62	10	5	5
39-5012	Hairdressers, Hairstylists, and Cosmetologists	6,460	7,440	1.42	250	100	150
39-5092	Manicurists and Pedicurists	580	680	1.60	15	10	5
39-5093	Shampooers	160	160	0.00	0	0	0
39-5094	Skincare Specialists	290	410	3.52	15	10	0
39-6000	Baggage Porters, Bellhops, and Concierges	270	300	1.06	10	5	5
39-6011	Baggage Porters and Bellhops	180	200	1.06	5	0	5
39-6012	Concierges	90	110	2.03	5	0	0
39-7000	Tour and Travel Guides	340	370	0.85	20	5	15
39-7011	Tour Guides and Escorts	330	370	1.15	20	5	15
39-9000	Other Personal Care and Service Workers	38,570	48,270	2.27	1,730	970	760
39-9011	Childcare Workers	16,520	19,570	1.71	790	305	485
39-9021	Personal Care Aides	10,730	15,700	3.88	575	500	75
39-9031	Fitness Trainers and Aerobics Instructors	2,870	3,240	1.22	70	35	35

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual	Average Annual Job Openings		
		2012	2022	Growth	Total	Growth	Replacement
39-9032	Recreation Workers	6,290	7,210	1.37	165	90	75
39-9041	Residential Advisors	1,800	2,120	1.65	110	30	80
39-9099	Personal Care and Service Workers, All Other	370	430	1.51	15	5	10
41-0000	Sales and Related Occupations	229,630	246,380	0.71	8,810	1,690	7,125
41-1000	Supervisors of Sales Workers	39,230	41,300	0.52	1,015	205	810
41-1011	First-Line Supervisors of Retail Sales Workers	34,250	36,270	0.57	945	200	745
41-1012	First-Line Supervisors of Non-Retail Sales Workers	4,980	5,030	0.10	70	5	65
41-2000	Retail Sales Workers	138,270	147,610	0.66	6,170	935	5,235
41-2011	Cashiers	67,160	68,950	0.26	3,085	180	2,905
41-2012	Gaming Change Persons and Booth Cashiers	***	***	-6.70	0	0	0
41-2021	Counter and Rental Clerks	8,620	9,460	0.93	305	85	220
41-2022	Parts Salespersons	3,070	3,310	0.76	105	25	80
41-2031	Retail Salespersons	59,400	65,870	1.04	2,680	645	2,030
41-3000	Sales Representatives, Services	16,980	18,380	0.80	580	150	430
41-3011	Advertising Sales Agents	1,570	1,500	-0.46	50	0	50
41-3021	Insurance Sales Agents	7,150	7,850	0.94	235	70	170
41-3031	Securities, Commodities, and Financial Services Sales Agents	2,120	2,330	0.95	70	20	50
41-3041	Travel Agents	460	430	-0.67	5	0	5
41-3099	Sales Representatives, Services, All Other	5,680	6,280	1.01	215	60	155
41-4000	Sales Representatives, Wholesale and Manufacturing	26,670	29,790	1.11	830	310	520
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	***	***	1.18	40	15	25
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	25,380	28,340	1.11	790	295	495
41-9000	Other Sales and Related Workers	8,490	9,310	0.93	220	85	135
41-9011	Demonstrators and Product Promoters	***	***	1.91	25	10	15
41-9021	Real Estate Brokers	740	840	1.28	15	10	5
41-9022	Real Estate Sales Agents	3,140	3,550	1.23	70	40	30
41-9031	Sales Engineers	220	230	0.45	5	0	5
41-9041	Telemarketers	***	***	-0.08	55	0	55
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	***	***	0.00	0	0	0
41-9099	Sales and Related Workers, All Other	1,320	1,550	1.62	50	25	25
43-0000	Office and Administrative Support Occupations	307,300	329,660	0.70	9,375	2,655	6,715
43-1000	Supervisors of Office and Administrative Support Workers	19,350	21,660	1.13	690	230	460
43-1011	First-Line Supervisors of Office and Administrative Support Workers	19,350	21,660	1.13	690	230	460
43-2000	Communications Equipment Operators	2,020	1,760	-1.37	40	0	40
43-2011	Switchboard Operators, Including Answering Service	1,730	1,490	-1.48	30	0	30
43-2021	Telephone Operators	***	***	-1.22	5	0	5
43-2099	Communications Equipment Operators, All Other	30	30	0.00	0	0	0
43-3000	Financial Clerks	51,650	56,790	0.95	1,630	515	1,120
43-3011	Bill and Account Collectors	6,200	6,860	1.02	240	65	175
43-3021	Billing and Posting Clerks	6,810	8,090	1.74	255	130	125
43-3031	Bookkeeping, Accounting, and Auditing Clerks	24,120	26,900	1.10	500	280	220

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
43-3041	Gaming Cage Workers	***	***	0.00	0	0	0
43-3051	Payroll and Timekeeping Clerks	2,770	3,080	1.07	90	30	60
43-3061	Procurement Clerks	810	810	0.00	30	0	30
43-3071	Tellers	10,770	10,850	0.07	510	10	500
43-3099	Financial Clerks, All Other	160	180	1.18	5	0	5
43-4000	Information and Record Clerks	69,930	77,190	0.99	2,565	770	1,800
43-4011	Brokerage Clerks	460	480	0.43	15	0	10
43-4021	Correspondence Clerks	70	70	0.00	0	0	0
43-4031	Court, Municipal, and License Clerks	3,260	3,620	1.05	85	35	50
43-4041	Credit Authorizers, Checkers, and Clerks	420	420	0.00	5	0	5
43-4051	Customer Service Representatives	30,640	34,660	1.24	1,235	400	835
43-4061	Eligibility Interviewers, Government Programs	3,120	3,520	1.21	105	40	65
43-4071	File Clerks	1,520	1,500	-0.13	35	0	35
43-4081	Hotel, Motel, and Resort Desk Clerks	3,730	4,230	1.27	225	50	175
43-4111	Interviewers, Except Eligibility and Loan	3,490	3,690	0.56	85	20	65
43-4121	Library Assistants, Clerical	1,390	1,600	1.42	80	20	60
43-4131	Loan Interviewers and Clerks	3,560	3,850	0.79	55	30	25
43-4141	New Accounts Clerks	610	580	-0.50	15	0	15
43-4151	Order Clerks	2,200	2,160	-0.18	60	0	60
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,860	1,820	-0.22	45	0	45
43-4171	Receptionists and Information Clerks	11,640	13,320	1.36	480	170	315
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	450	420	-0.69	5	0	5
43-4199	Information and Record Clerks, All Other	1,510	1,260	-1.79	35	0	35
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	52,190	51,440	-0.14	1,600	150	1,450
43-5011	Cargo and Freight Agents	640	760	1.73	30	15	15
43-5021	Couriers and Messengers	1,660	1,540	-0.75	20	0	20
43-5031	Police, Fire, and Ambulance Dispatchers	2,460	2,670	0.82	90	20	70
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2,170	2,430	1.14	90	25	65
43-5041	Meter Readers, Utilities	770	660	-1.53	20	0	20
43-5051	Postal Service Clerks	1,020	700	-3.69	15	0	15
43-5052	Postal Service Mail Carriers	4,910	3,600	-3.06	170	0	170
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,320	930	-3.44	10	0	10
43-5061	Production, Planning, and Expediting Clerks	2,630	2,770	0.52	80	15	65
43-5071	Shipping, Receiving, and Traffic Clerks	8,610	8,920	0.35	255	30	225
43-5081	Stock Clerks and Order Fillers	24,270	24,530	0.11	760	25	735
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1,740	1,930	1.04	55	20	40
43-6000	Secretaries and Administrative Assistants	55,480	63,030	1.28	1,445	780	670
43-6011	Executive Secretaries and Executive Administrative Assistants	4,310	4,250	-0.14	50	0	50
43-6012	Legal Secretaries	4,390	4,220	-0.39	55	0	55
43-6013	Medical Secretaries	4,450	6,010	3.05	210	155	55

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	42,330	48,550	1.38	1,130	620	510
43-9000	Other Office and Administrative Support Workers	56,680	57,800	0.20	1,400	215	1,180
43-9011	Computer Operators	1,060	890	-1.73	10	0	10
43-9021	Data Entry Keyers	2,210	1,710	-2.53	25	0	25
43-9022	Word Processors and Typists	590	450	-2.67	0	0	0
43-9031	Desktop Publishers	160	150	-0.64	5	0	5
43-9041	Insurance Claims and Policy Processing Clerks	2,960	3,180	0.72	100	20	80
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	750	650	-1.42	15	0	15
43-9061	Office Clerks, General	45,930	47,700	0.38	1,140	175	965
43-9071	Office Machine Operators, Except Computer	1,220	1,090	-1.12	30	0	30
43-9081	Proofreaders and Copy Markers	***	***	0.00	0	0	0
43-9111	Statistical Assistants	190	210	1.01	5	0	5
43-9199	Office and Administrative Support Workers, All Other	1,590	1,730	0.85	60	15	45
45-0000	Farming, Fishing, and Forestry Occupations	35,640	35,100	-0.15	1,035	40	995
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	1,460	1,440	-0.14	30	0	30
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	1,460	1,440	-0.14	30	0	30
45-2000	Agricultural Workers	30,810	30,430	-0.12	940	30	910
45-2011	Agricultural Inspectors	390	360	-0.80	10	0	10
45-2041	Graders and Sorters, Agricultural Products	1,810	1,690	-0.68	30	0	30
45-2091	Agricultural Equipment Operators	2,040	2,190	0.71	80	15	60
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,090	22,550	-0.24	700	0	700
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	2,740	2,850	0.39	95	10	85
45-2099	Agricultural Workers, All Other	740	780	0.53	25	5	25
45-4000	Forest, Conservation, and Logging Workers	3,370	3,230	-0.42	60	10	50
45-4011	Forest and Conservation Workers	160	200	2.26	5	5	5
45-4021	Fallers	480	290	-4.91	5	0	5
45-4022	Logging Equipment Operators	2,490	2,540	0.20	45	5	40
45-4023	Log Graders and Scalers	60	40	-3.97	0	0	0
45-4029	Logging Workers, All Other	170	160	-0.60	5	0	5
47-0000	Construction and Extraction Occupations	89,000	106,450	1.81	3,260	1,765	1,490
47-1000	Supervisors of Construction and Extraction Workers	10,790	13,270	2.09	365	245	115
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	10,790	13,270	2.09	365	245	115
47-2000	Construction Trades Workers	63,910	76,860	1.86	2,395	1,295	1,100
47-2011	Boilermakers	320	330	0.31	15	0	15
47-2021	Brickmasons and Blockmasons	840	1,140	3.10	40	30	10
47-2022	Stonemasons	40	40	0.00	0	0	0
47-2031	Carpenters	11,160	13,910	2.23	410	275	140
47-2041	Carpet Installers	320	350	0.90	10	5	5
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	290	1.50	10	5	5
47-2043	Floor Sanders and Finishers	30	30	0.00	0	0	0
47-2044	Tile and Marble Setters	550	630	1.37	20	10	10

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		2012	2022		Total	Growth	Replacement
47-2051	Cement Masons and Concrete Finishers	1,740	2,210	2.42	65	45	20
47-2053	Terrazzo Workers and Finishers	***	***	0.00	0	0	0
47-2061	Construction Laborers	12,060	14,860	2.11	540	280	260
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,300	1,510	1.51	40	20	20
47-2072	Pile-Driver Operators	130	160	2.10	5	5	0
47-2073	Operating Engineers and Other Construction Equipment Operators	6,160	7,130	1.47	235	100	135
47-2081	Drywall and Ceiling Tile Installers	730	830	1.29	15	10	5
47-2111	Electricians	10,070	11,880	1.67	370	180	190
47-2121	Glaziers	570	630	1.01	20	5	15
47-2131	Insulation Workers, Floor, Ceiling, and Wall	470	570	1.95	15	10	5
47-2132	Insulation Workers, Mechanical	550	770	3.42	30	20	5
47-2141	Painters, Construction and Maintenance	3,970	4,800	1.92	145	85	60
47-2142	Paperhangers	***	***	0.00	0	0	0
47-2151	Pipelayers	2,400	2,820	1.63	70	40	30
47-2152	Plumbers, Pipefitters, and Steamfitters	5,580	6,510	1.55	160	90	70
47-2161	Plasterers and Stucco Masons	***	***	1.71	5	5	0
47-2171	Reinforcing Iron and Rebar Workers	410	490	1.80	15	10	5
47-2181	Roofers	1,270	1,410	1.05	40	15	25
47-2211	Sheet Metal Workers	1,680	1,960	1.55	60	30	30
47-2221	Structural Iron and Steel Workers	1,040	1,240	1.77	55	20	35
47-3000	Helpers, Construction Trades	4,740	6,070	2.50	205	135	75
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	340	490	3.72	20	15	5
47-3012	Helpers--Carpenters	830	1,050	2.38	35	20	15
47-3013	Helpers--Electricians	1,860	2,490	2.96	90	65	30
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	170	190	1.12	5	0	5
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	1,110	1,360	2.05	40	25	15
47-3016	Helpers--Roofers	250	280	1.14	10	5	5
47-3019	Helpers, Construction Trades, All Other	180	220	2.03	5	5	5
47-4000	Other Construction and Related Workers	6,350	7,070	1.08	190	70	115
47-4011	Construction and Building Inspectors	1,390	1,550	1.10	50	15	35
47-4021	Elevator Installers and Repairers	***	***	0.00	0	0	0
47-4031	Fence Erectors	530	700	2.82	30	15	10
47-4041	Hazardous Materials Removal Workers	410	460	1.16	15	5	10
47-4051	Highway Maintenance Workers	3,290	3,470	0.53	65	20	50
47-4061	Rail-Track Laying and Maintenance Equipment Operators	90	100	1.06	5	0	0
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	200	270	3.05	10	5	5
47-4091	Segmental Pavers	***	***	7.18	0	0	0
47-4099	Construction and Related Workers, All Other	390	460	1.66	15	5	5
47-5000	Extraction Workers	3,200	3,190	-0.03	105	20	85
47-5011	Derrick Operators, Oil and Gas	150	180	1.84	10	5	5
47-5012	Rotary Drill Operators, Oil and Gas	230	280	1.99	15	5	10
47-5013	Service Unit Operators, Oil, Gas, and Mining	170	210	2.14	10	5	5
47-5021	Earth Drillers, Except Oil and Gas	260	270	0.38	5	0	5

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47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	200	230	1.41	5	0	5
47-5041	Continuous Mining Machine Operators	370	300	-2.08	5	0	5
47-5042	Mine Cutting and Channeling Machine Operators	150	150	0.00	5	0	5
47-5049	Mining Machine Operators, All Other	170	170	0.00	5	0	5
47-5051	Rock Splitters, Quarry	***	***	2.92	0	0	0
47-5061	Roof Bolters, Mining	530	420	-2.30	15	0	15
47-5071	Roustabouts, Oil and Gas	120	150	2.26	5	0	5
47-5081	Helpers--Extraction Workers	570	590	0.35	15	0	15
47-5099	Extraction Workers, All Other	***	***	-2.09	5	0	5
49-0000	Installation, Maintenance, and Repair Occupations	96,140	105,940	0.98	3,310	990	2,320
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	7,500	8,130	0.81	265	65	205
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	7,500	8,130	0.81	265	65	205
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	12,430	12,690	0.21	270	35	235
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,130	2,210	0.37	50	10	45
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	260	280	0.74	5	0	5
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	3,950	3,900	-0.13	55	0	55
49-2091	Avionics Technicians	***	***	1.13	20	10	15
49-2092	Electric Motor, Power Tool, and Related Repairers	540	540	0.00	10	0	10
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	150	160	0.65	5	0	5
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1,920	1,940	0.10	40	5	40
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	1,160	1,200	0.34	30	5	25
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	150	140	-0.69	0	0	0
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	910	880	-0.33	30	0	30
49-2098	Security and Fire Alarm Systems Installers	600	680	1.26	20	10	10
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	27,360	29,920	0.90	955	255	700
49-3011	Aircraft Mechanics and Service Technicians	***	***	1.14	125	40	85
49-3021	Automotive Body and Related Repairers	2,430	2,760	1.28	80	35	45
49-3022	Automotive Glass Installers and Repairers	300	340	1.26	10	5	5
49-3023	Automotive Service Technicians and Mechanics	8,940	9,750	0.87	305	80	225
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,780	5,180	0.81	140	40	100
49-3041	Farm Equipment Mechanics and Service Technicians	550	590	0.70	20	5	15
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,850	3,000	0.51	95	15	80
49-3043	Rail Car Repairers	360	420	1.55	15	5	10
49-3051	Motorboat Mechanics and Service Technicians	320	360	1.18	10	5	5
49-3052	Motorcycle Mechanics	200	230	1.41	5	0	5

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	540	570	0.54	15	5	10
49-3091	Bicycle Repairers	***	***	2.26	5	0	5
49-3092	Recreational Vehicle Service Technicians	140	160	1.34	5	0	5
49-3093	Tire Repairers and Changers	2,690	2,900	0.75	115	20	95
49-9000	Other Installation, Maintenance, and Repair Occupations	48,850	55,200	1.23	1,820	635	1,180
49-9011	Mechanical Door Repairers	170	220	2.61	10	5	5
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	1,270	1,320	0.39	50	5	45
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4,910	5,890	1.84	220	100	125
49-9031	Home Appliance Repairers	340	350	0.29	10	0	10
49-9041	Industrial Machinery Mechanics	9,300	11,140	1.82	455	185	270
49-9043	Maintenance Workers, Machinery	800	910	1.30	20	10	10
49-9044	Millwrights	1,420	1,610	1.26	40	20	20
49-9045	Refractory Materials Repairers, Except Brickmasons	***	***	0.00	0	0	0
49-9051	Electrical Power-Line Installers and Repairers	3,370	3,810	1.23	160	45	115
49-9052	Telecommunications Line Installers and Repairers	1,690	1,740	0.29	45	5	40
49-9061	Camera and Photographic Equipment Repairers	140	160	1.34	5	5	5
49-9062	Medical Equipment Repairers	660	870	2.80	40	20	20
49-9063	Musical Instrument Repairers and Tuners	100	110	0.96	5	0	5
49-9069	Precision Instrument and Equipment Repairers, All Other	350	370	0.56	10	0	10
49-9071	Maintenance and Repair Workers, General	16,720	18,330	0.92	485	160	320
49-9081	Wind Turbine Service Technicians	***	***	2.26	0	0	0
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	550	560	0.18	5	0	5
49-9092	Commercial Divers	***	***	0.00	0	0	0
49-9093	Fabric Menders, Except Garment	***	***	-2.21	0	0	0
49-9094	Locksmiths and Safe Repairers	260	290	1.10	10	0	10
49-9095	Manufactured Building and Mobile Home Installers	***	***	-1.33	0	0	0
49-9096	Riggers	210	270	2.54	10	5	5
49-9097	Signal and Track Switch Repairers	120	120	0.00	5	0	5
49-9098	Helpers--Installation, Maintenance, and Repair Workers	3,770	4,320	1.37	170	55	115
49-9099	Installation, Maintenance, and Repair Workers, All Other	2,460	2,580	0.48	55	15	40
51-0000	Production Occupations	197,890	212,290	0.70	5,825	1,975	3,855
51-1000	Supervisors of Production Workers	13,200	13,800	0.45	245	60	185
51-1011	First-Line Supervisors of Production and Operating Workers	13,200	13,800	0.45	245	60	185
51-2000	Assemblers and Fabricators	44,190	54,010	2.03	1,710	980	730
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1,960	2,460	2.30	80	50	30
51-2021	Coil Winders, Tapers, and Finishers	80	80	0.00	0	0	0
51-2022	Electrical and Electronic Equipment Assemblers	2,830	3,080	0.85	60	25	35
51-2023	Electromechanical Equipment Assemblers	350	410	1.59	10	5	5
51-2031	Engine and Other Machine Assemblers	2,150	3,440	4.81	165	130	35
51-2041	Structural Metal Fabricators and Fitters	1,670	1,950	1.56	95	30	65
51-2091	Fiberglass Laminators and Fabricators	640	730	1.32	20	10	10

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
51-2092	Team Assemblers	29,770	36,220	1.98	1,115	645	470
51-2093	Timing Device Assemblers and Adjusters	***	***	0.00	0	0	0
51-2099	Assemblers and Fabricators, All Other	4,740	5,640	1.75	165	90	75
51-3000	Food Processing Workers	20,580	19,070	-0.76	535	15	520
51-3011	Bakers	1,890	1,980	0.47	55	10	45
51-3021	Butchers and Meat Cutters	1,540	1,580	0.26	40	5	40
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	13,140	11,750	-1.11	325	0	325
51-3023	Slaughterers and Meat Packers	700	560	-2.21	15	0	15
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	260	250	-0.39	5	0	5
51-3092	Food Batchmakers	1,010	1,000	-0.10	35	0	35
51-3093	Food Cooking Machine Operators and Tenders	1,450	1,310	-1.01	40	0	40
51-3099	Food Processing Workers, All Other	600	640	0.65	20	5	15
51-4000	Metal Workers and Plastic Workers	40,930	45,170	0.99	1,245	450	795
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	2,060	2,720	2.82	125	65	60
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	290	410	3.52	20	10	10
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	2,260	2,210	-0.22	45	0	45
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	230	250	0.84	5	0	5
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	1,460	1,560	0.66	40	10	30
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	5,330	5,420	0.17	55	10	45
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	420	380	-1.00	10	0	10
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,110	1,110	0.00	25	0	25
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	320	310	-0.32	5	0	5
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	380	380	0.00	5	0	5
51-4041	Machinists	6,020	7,220	1.83	260	120	140
51-4051	Metal-Refining Furnace Operators and Tenders	480	500	0.41	10	0	5
51-4052	Pourers and Casters, Metal	450	420	-0.69	5	0	5
51-4061	Model Makers, Metal and Plastic	60	60	0.00	0	0	0
51-4062	Patternmakers, Metal and Plastic	160	180	1.18	5	0	5
51-4071	Foundry Mold and Coremakers	360	350	-0.28	5	0	5
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,700	1,640	-0.36	20	0	20
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2,720	2,670	-0.19	50	0	50
51-4111	Tool and Die Makers	740	860	1.51	15	10	5
51-4121	Welders, Cutters, Solderers, and Brazers	9,000	10,270	1.33	350	125	220
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1,560	2,060	2.82	90	50	40

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	360	390	0.80	10	5	5
51-4192	Layout Workers, Metal and Plastic	1,520	1,740	1.36	50	20	30
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	920	940	0.22	20	0	20
51-4194	Tool Grinders, Filers, and Sharpeners	300	330	0.96	10	5	5
51-4199	Metal Workers and Plastic Workers, All Other	730	810	1.05	15	10	10
51-5100	Printing Workers	2,270	2,150	-0.54	40	0	40
51-5111	Prepress Technicians and Workers	290	250	-1.47	5	0	5
51-5112	Printing Press Operators	1,770	1,700	-0.40	30	0	30
51-5113	Print Binding and Finishing Workers	210	200	-0.49	5	0	5
51-6000	Textile, Apparel, and Furnishings Workers	15,110	13,030	-1.47	260	30	230
51-6011	Laundry and Dry-Cleaning Workers	3,100	3,420	0.99	125	30	90
51-6021	Pressers, Textile, Garment, and Related Materials	1,540	1,530	-0.07	15	0	15
51-6031	Sewing Machine Operators	3,740	2,740	-3.06	20	0	20
51-6041	Shoe and Leather Workers and Repairers	80	70	-1.33	0	0	0
51-6051	Sewers, Hand	150	130	-1.42	0	0	0
51-6052	Tailors, Dressmakers, and Custom Sewers	880	850	-0.35	10	0	10
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	520	320	-4.74	10	0	10
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	***	***	-3.65	5	0	5
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	1,030	780	-2.74	15	0	15
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	2,430	1,840	-2.74	40	0	40
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	730	600	-1.94	10	0	10
51-6092	Fabric and Apparel Patternmakers	***	***	-3.97	0	0	0
51-6093	Upholsterers	280	290	0.35	10	0	10
51-6099	Textile, Apparel, and Furnishings Workers, All Other	310	240	-2.53	0	0	0
51-7000	Woodworkers	7,840	8,620	0.95	195	80	115
51-7011	Cabinetmakers and Bench Carpenters	2,280	2,350	0.30	25	5	20
51-7021	Furniture Finishers	240	250	0.41	5	0	5
51-7031	Model Makers, Wood	***	***	0.00	0	0	0
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	2,420	2,780	1.40	105	35	65
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	2,410	2,720	1.22	45	30	15
51-7099	Woodworkers, All Other	470	500	0.62	20	5	15
51-8000	Plant and System Operators	5,740	5,680	-0.11	210	15	200
51-8011	Nuclear Power Reactor Operators	***	***	0.36	10	0	10
51-8012	Power Distributors and Dispatchers	270	280	0.36	10	0	10
51-8013	Power Plant Operators	930	850	-0.90	30	0	30
51-8021	Stationary Engineers and Boiler Operators	430	410	-0.48	15	0	15
51-8031	Water and Wastewater Treatment Plant and System Operators	1,740	1,850	0.61	75	10	60
51-8091	Chemical Plant and System Operators	1,300	1,210	-0.71	50	0	50
51-8092	Gas Plant Operators	***	***	0.00	5	0	5

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Alabama Occupational Projections 2012-2022

SOC	Occupations	Employment		Avg Annual Growth	Average Annual Job Openings		
		2012	2022		Total	Growth	Replacement
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	500	500	0.00	20	0	20
51-8099	Plant and System Operators, All Other	170	180	0.57	5	0	5
51-9000	Other Production Occupations	48,030	50,760	0.55	1,380	340	1,040
51-9011	Chemical Equipment Operators and Tenders	1,570	1,500	-0.46	55	0	55
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	380	380	0.00	15	0	15
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	950	940	-0.11	25	0	25
51-9022	Grinding and Polishing Workers, Hand	690	730	0.57	25	5	20
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,870	1,880	0.05	55	0	55
51-9031	Cutters and Trimmers, Hand	220	180	-1.99	5	0	5
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	900	850	-0.57	15	0	15
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	2,560	2,520	-0.16	70	0	70
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	890	830	-0.70	20	0	20
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,310	8,260	1.23	255	95	160
51-9071	Jewelers and Precious Stone and Metal Workers	270	260	-0.38	5	0	5
51-9081	Dental Laboratory Technicians	740	760	0.27	25	0	25
51-9082	Medical Appliance Technicians	70	70	0.00	0	0	0
51-9083	Ophthalmic Laboratory Technicians	220	250	1.29	10	5	5
51-9111	Packaging and Filling Machine Operators and Tenders	3,320	3,370	0.15	85	5	80
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,950	2,100	0.74	50	15	35
51-9122	Painters, Transportation Equipment	810	930	1.39	25	10	15
51-9123	Painting, Coating, and Decorating Workers	520	500	-0.39	10	0	10
51-9151	Photographic Process Workers and Processing Machine Operators	530	540	0.19	15	0	15
51-9191	Adhesive Bonding Machine Operators and Tenders	190	190	0.00	5	0	5
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	***	***	-0.51	5	0	5
51-9193	Cooling and Freezing Equipment Operators and Tenders	60	50	-1.81	0	0	0
51-9194	Etchers and Engravers	60	70	1.55	0	0	0
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	470	520	1.02	20	5	15
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,340	2,060	-1.27	20	0	20
51-9197	Tire Builders	1,960	1,900	-0.31	45	0	45
51-9198	Helpers--Production Workers	14,630	16,340	1.11	425	170	250
51-9199	Production Workers, All Other	2,370	2,590	0.89	85	25	60
53-0000	Transportation and Material Moving Occupations	144,930	157,390	0.83	4,645	1,300	3,345
53-1000	Supervisors of Transportation and Material Moving Workers	6,270	6,890	0.95	235	60	170
53-1011	Aircraft Cargo Handling Supervisors	50	40	-2.21	0	0	0
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	2,790	3,090	1.03	105	30	75

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SOC	Occupations	Employment		Avg Annual	Average Annual Job Openings		
		2012	2022	Growth	Total	Growth	Replacement
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	3,440	3,750	0.87	125	30	95
53-2000	Air Transportation Workers	1,890	2,060	0.87	80	20	60
53-2011	Airline Pilots, Copilots, and Flight Engineers	420	390	-0.74	10	0	10
53-2012	Commercial Pilots	1,180	1,390	1.65	55	20	35
53-2021	Air Traffic Controllers	220	220	0.00	10	0	10
53-2022	Airfield Operations Specialists	70	70	0.00	5	0	5
53-3000	Motor Vehicle Operators	63,110	69,270	0.94	1,640	615	1,025
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	340	450	2.84	15	10	5
53-3021	Bus Drivers, Transit and Intercity	1,470	1,680	1.34	50	20	25
53-3022	Bus Drivers, School or Special Client	7,190	7,510	0.44	165	30	130
53-3031	Driver/Sales Workers	7,930	8,680	0.91	200	75	125
53-3032	Heavy and Tractor-Trailer Truck Drivers	31,850	35,800	1.18	905	395	510
53-3033	Light Truck or Delivery Services Drivers	12,790	13,360	0.44	260	60	205
53-3041	Taxi Drivers and Chauffeurs	1,360	1,610	1.70	40	25	15
53-3099	Motor Vehicle Operators, All Other	180	180	0.00	5	0	5
53-4000	Rail Transportation Workers	2,350	2,290	-0.26	75	5	70
53-4011	Locomotive Engineers	670	680	0.15	20	0	20
53-4012	Locomotive Firers	***	***	-4.59	5	0	5
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	210	210	0.00	5	0	5
53-4021	Railroad Brake, Signal, and Switch Operators	500	520	0.39	15	0	15
53-4031	Railroad Conductors and Yardmasters	730	740	0.14	25	0	20
53-5000	Water Transportation Workers	1,470	1,690	1.40	90	20	65
53-5011	Sailors and Marine Oilers	680	800	1.64	40	10	30
53-5021	Captains, Mates, and Pilots of Water Vessels	510	590	1.47	30	10	25
53-5031	Ship Engineers	***	***	0.69	15	0	10
53-6000	Other Transportation Workers	2,700	3,210	1.75	140	50	90
53-6011	Bridge and Lock Tenders	***	***	0.00	5	0	5
53-6021	Parking Lot Attendants	450	470	0.44	25	0	20
53-6031	Automotive and Watercraft Service Attendants	1,710	2,120	2.17	90	40	50
53-6041	Traffic Technicians	20	20	0.00	0	0	0
53-6051	Transportation Inspectors	380	460	1.93	20	5	15
53-6061	Transportation Attendants, Except Flight Attendants	***	***	0.00	0	0	0
53-6099	Transportation Workers, All Other	50	50	0.00	5	0	0
53-7000	Material Moving Workers	67,140	71,990	0.70	2,385	525	1,860
53-7011	Conveyor Operators and Tenders	540	580	0.72	20	5	15
53-7021	Crane and Tower Operators	950	1,060	1.10	45	10	35
53-7032	Excavating and Loading Machine and Dragline Operators	1,090	1,130	0.36	15	5	10
53-7033	Loading Machine Operators, Underground Mining	***	***	-1.42	0	0	0
53-7041	Hoist and Winch Operators	***	***	1.18	5	0	0
53-7051	Industrial Truck and Tractor Operators	9,350	9,020	-0.36	215	0	215
53-7061	Cleaners of Vehicles and Equipment	4,880	5,090	0.42	155	20	135
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	34,780	38,910	1.13	1,490	415	1,075
53-7063	Machine Feeders and Offbearers	2,570	2,660	0.34	60	10	50
53-7064	Packers and Packagers, Hand	9,200	9,520	0.34	275	30	240

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		2012	2022		Total	Growth	Replacement
53-7071	Gas Compressor and Gas Pumping Station Operators	120	110	-0.87	5	0	5
53-7072	Pump Operators, Except Wellhead Pumpers	***	***	0.00	0	0	0
53-7081	Refuse and Recyclable Material Collectors	2,700	2,970	0.96	85	25	55
53-7111	Mine Shuttle Car Operators	140	110	-2.38	5	0	5
53-7121	Tank Car, Truck, and Ship Loaders	500	490	-0.20	15	0	15
53-7199	Material Moving Workers, All Other	80	80	0.00	0	0	0

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Occupational Detail

Educational Categories and Annual Salaries

Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
00-0000	Total, All Occupations				
11-0000	Management Occupations				
11-1000	Top Executives				
11-1011	Chief Executives	Bachelor's degree	5 years or more	None	183,753
11-1021	General and Operations Managers	Bachelor's degree	Less than 5 years	None	119,850
11-1031	Legislators	Bachelor's degree	Less than 5 years	None	22,657
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers				
11-2011	Advertising and Promotions Managers	Bachelor's degree	Less than 5 years	None	75,712
11-2021	Marketing Managers	Bachelor's degree	5 years or more	None	111,323
11-2022	Sales Managers	Bachelor's degree	Less than 5 years	None	111,913
11-2031	Public Relations and Fundraising Managers	Bachelor's degree	5 years or more	None	89,080
11-3000	Operations Specialties Managers				
11-3011	Administrative Services Managers	Bachelor's degree	Less than 5 years	None	94,449
11-3021	Computer and Information Systems Managers	Bachelor's degree	5 years or more	None	119,169
11-3031	Financial Managers	Bachelor's degree	5 years or more	None	116,112
11-3051	Industrial Production Managers	Bachelor's degree	5 years or more	None	93,496
11-3061	Purchasing Managers	Bachelor's degree	5 years or more	None	104,298
11-3071	Transportation, Storage, and Distribution Managers	High school diploma or equivalent	5 years or more	None	86,091
11-3111	Compensation and Benefits Managers	Bachelor's degree	5 years or more	None	87,211
11-3121	Human Resources Managers	Bachelor's degree	5 years or more	None	93,634
11-3131	Training and Development Managers	Bachelor's degree	5 years or more	None	87,631
11-9000	Other Management Occupations				
11-9013	Farmers, Ranchers, and Other Agricultural Managers	High school diploma or equivalent	5 years or more	None	***
11-9021	Construction Managers	Bachelor's degree	None	Moderate-term on-the-job training	89,682
11-9031	Education Administrators, Preschool and Childcare Center/Program	Bachelor's degree	Less than 5 years	None	61,294
11-9032	Education Administrators, Elementary and Secondary School	Master's degree	5 years or more	None	77,884
11-9033	Education Administrators, Postsecondary	Master's degree	5 years or more	None	95,037
11-9039	Education Administrators, All Other	Bachelor's degree	Less than 5 years	None	81,869
11-9041	Architectural and Engineering Managers	Bachelor's degree	5 years or more	None	125,428
11-9051	Food Service Managers	High school diploma or equivalent	Less than 5 years	None	59,816
11-9061	Funeral Service Managers	Associate's degree	Less than 5 years	None	53,207
11-9081	Lodging Managers	High school diploma or equivalent	Less than 5 years	None	47,453
11-9111	Medical and Health Services Managers	Bachelor's degree	None	None	93,757
11-9121	Natural Sciences Managers	Bachelor's degree	5 years or more	None	113,653

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SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
11-9131	Postmasters and Mail Superintendents	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	68,754
11-9141	Property, Real Estate, and Community Association Managers	High school diploma or equivalent	Less than 5 years	None	67,392
11-9151	Social and Community Service Managers	Bachelor's degree	5 years or more	None	61,444
11-9161	Emergency Management Directors	Bachelor's degree	5 years or more	None	67,972
11-9199	Managers, All Other	High school diploma or equivalent	Less than 5 years	None	94,948
13-0000	Business and Financial Operations Occupations				
13-1000	Business Operations Specialists				
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	Bachelor's degree	Less than 5 years	None	77,693
13-1021	Buyers and Purchasing Agents, Farm Products	High school diploma or equivalent	None	Long-term on-the-job training	63,489
13-1022	Wholesale and Retail Buyers, Except Farm Products	High school diploma or equivalent	None	Long-term on-the-job training	55,694
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	High school diploma or equivalent	None	Long-term on-the-job training	63,951
13-1031	Claims Adjusters, Examiners, and Investigators	High school diploma or equivalent	None	Long-term on-the-job training	58,872
13-1032	Insurance Appraisers, Auto Damage	Postsecondary non-degree award	None	Moderate-term on-the-job training	75,528
13-1041	Compliance Officers	Bachelor's degree	None	Moderate-term on-the-job training	62,600
13-1051	Cost Estimators	Bachelor's degree	None	None	56,974
13-1071	Human Resources Specialists	Bachelor's degree	None	None	58,165
13-1075	Labor Relations Specialists	Bachelor's degree	None	None	50,099
13-1081	Logisticians	Bachelor's degree	None	None	81,276
13-1111	Management Analysts	Bachelor's degree	Less than 5 years	None	90,315
13-1121	Meeting, Convention, and Event Planners	Bachelor's degree	None	None	45,023
13-1131	Fundraisers	Bachelor's degree	None	None	51,931
13-1141	Compensation, Benefits, and Job Analysis Specialists	Bachelor's degree	None	None	56,596
13-1151	Training and Development Specialists	Bachelor's degree	Less than 5 years	None	57,184
13-1161	Market Research Analysts and Marketing Specialists	Bachelor's degree	None	None	58,334
13-1199	Business Operations Specialists, All Other	High school diploma or equivalent	None	None	77,283
13-2000	Financial Specialists				
13-2011	Accountants and Auditors	Bachelor's degree	None	None	63,908
13-2021	Appraisers and Assessors of Real Estate	Bachelor's degree	None	Long-term on-the-job training	50,150
13-2031	Budget Analysts	Bachelor's degree	None	None	73,647
13-2041	Credit Analysts	Bachelor's degree	None	None	50,287
13-2051	Financial Analysts	Bachelor's degree	None	None	93,967
13-2052	Personal Financial Advisors	Bachelor's degree	None	None	101,706

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13-2053	Insurance Underwriters	Bachelor's degree	None	Moderate-term on-the-job training	52,328
13-2061	Financial Examiners	Bachelor's degree	None	Moderate-term on-the-job training	78,042
13-2071	Credit Counselors	Bachelor's degree	None	Moderate-term on-the-job training	43,359
13-2072	Loan Officers	Bachelor's degree	None	Moderate-term on-the-job training	67,067
13-2081	Tax Examiners and Collectors, and Revenue Agents	Bachelor's degree	None	Moderate-term on-the-job training	53,865
13-2082	Tax Preparers	High school diploma or equivalent	None	Moderate-term on-the-job training	30,286
13-2099	Financial Specialists, All Other	Bachelor's degree	None	Moderate-term on-the-job training	67,910
15-0000	Computer and Mathematical Occupations				
15-1100	Computer Occupations				
15-1111	Computer and Information Research Scientists	Doctoral or professional degree	None	None	103,897
15-1121	Computer Systems Analysts	Bachelor's degree	None	None	79,202
15-1122	Information Security Analysts	Bachelor's degree	Less than 5 years	None	78,810
15-1131	Computer Programmers	Bachelor's degree	None	None	80,486
15-1132	Software Developers, Applications	Bachelor's degree	None	None	91,070
15-1133	Software Developers, Systems Software	Bachelor's degree	None	None	96,298
15-1134	Web Developers	Associate's degree	None	None	50,615
15-1141	Database Administrators	Bachelor's degree	Less than 5 years	None	70,120
15-1142	Network and Computer Systems Administrators	Bachelor's degree	None	None	68,993
15-1143	Computer Network Architects	Bachelor's degree	5 years or more	None	88,401
15-1151	Computer User Support Specialists	Some college, no degree	None	Moderate-term on-the-job training	45,150
15-1152	Computer Network Support Specialists	Associate's degree	None	None	55,988
15-1199	Computer Occupations, All Other	Bachelor's degree	None	None	83,165
15-2000	Mathematical Science Occupations				
15-2011	Actuaries	Bachelor's degree	None	Long-term on-the-job training	84,192
15-2021	Mathematicians	Master's degree	None	None	***
15-2031	Operations Research Analysts	Bachelor's degree	None	None	87,674
15-2041	Statisticians	Master's degree	None	None	58,213
17-0000	Architecture and Engineering Occupations				
17-1000	Architects, Surveyors, and Cartographers				
17-1011	Architects, Except Landscape and Naval	Bachelor's degree	None	Internship/residency	75,439
17-1012	Landscape Architects	Bachelor's degree	None	Internship/residency	72,760
17-1021	Cartographers and Photogrammetrists	Bachelor's degree	None	None	54,165

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17-1022	Surveyors	Bachelor's degree	Less than 5 years	None	51,408
17-2000	Engineers				
17-2011	Aerospace Engineers	Bachelor's degree	None	None	104,728
17-2021	Agricultural Engineers	Bachelor's degree	None	None	81,619
17-2031	Biomedical Engineers	Bachelor's degree	None	None	85,805
17-2041	Chemical Engineers	Bachelor's degree	None	None	92,419
17-2051	Civil Engineers	Bachelor's degree	None	None	71,896
17-2061	Computer Hardware Engineers	Bachelor's degree	None	None	99,980
17-2071	Electrical Engineers	Bachelor's degree	None	None	91,045
17-2072	Electronics Engineers, Except Computer	Bachelor's degree	None	None	100,315
17-2081	Environmental Engineers	Bachelor's degree	None	None	69,976
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	Bachelor's degree	None	None	88,674
17-2112	Industrial Engineers	Bachelor's degree	None	None	81,325
17-2121	Marine Engineers and Naval Architects	Bachelor's degree	None	None	57,226
17-2131	Materials Engineers	Bachelor's degree	None	None	95,027
17-2141	Mechanical Engineers	Bachelor's degree	None	None	83,371
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	Bachelor's degree	None	None	81,970
17-2161	Nuclear Engineers	Bachelor's degree	None	None	110,623
17-2171	Petroleum Engineers	Bachelor's degree	None	None	129,735
17-2199	Engineers, All Other	Bachelor's degree	None	None	107,709
17-3000	Drafters, Engineering Technicians, and Mapping Technicians				
17-3011	Architectural and Civil Drafters	Associate's degree	None	None	46,470
17-3012	Electrical and Electronics Drafters	Associate's degree	None	None	61,357
17-3013	Mechanical Drafters	Associate's degree	None	None	52,839
17-3019	Drafters, All Other	Associate's degree	None	None	48,085
17-3021	Aerospace Engineering and Operations Technicians	Associate's degree	None	None	59,796
17-3022	Civil Engineering Technicians	Associate's degree	None	None	36,542
17-3023	Electrical and Electronics Engineering Technicians	Associate's degree	None	None	56,157
17-3024	Electro-Mechanical Technicians	Associate's degree	None	None	49,156
17-3025	Environmental Engineering Technicians	Associate's degree	None	None	48,517
17-3026	Industrial Engineering Technicians	Associate's degree	None	None	57,511
17-3027	Mechanical Engineering Technicians	Associate's degree	None	None	51,895
17-3029	Engineering Technicians, Except Drafters, All Other	Associate's degree	None	None	62,324
17-3031	Surveying and Mapping Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	36,165

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19-0000	Life, Physical, and Social Science Occupations				
19-1000	Life Scientists				
19-1011	Animal Scientists	Doctoral or professional degree	None	None	***
19-1012	Food Scientists and Technologists	Bachelor's degree	None	None	68,403
19-1013	Soil and Plant Scientists	Bachelor's degree	None	None	60,467
19-1021	Biochemists and Biophysicists	Doctoral or professional degree	None	None	***
19-1022	Microbiologists	Bachelor's degree	None	None	***
19-1023	Zoologists and Wildlife Biologists	Bachelor's degree	None	None	59,003
19-1029	Biological Scientists, All Other	Bachelor's degree	None	None	***
19-1031	Conservation Scientists	Bachelor's degree	None	None	71,402
19-1032	Foresters	Bachelor's degree	None	None	56,021
19-1041	Epidemiologists	Master's degree	None	None	59,128
19-1042	Medical Scientists, Except Epidemiologists	Doctoral or professional degree	None	None	***
19-1099	Life Scientists, All Other	Bachelor's degree	None	None	55,506
19-2000	Physical Scientists				
19-2011	Astronomers	Doctoral or professional degree	None	None	***
19-2012	Physicists	Doctoral or professional degree	None	None	108,739
19-2021	Atmospheric and Space Scientists	Bachelor's degree	None	None	84,397
19-2031	Chemists	Bachelor's degree	None	None	70,737
19-2032	Materials Scientists	Bachelor's degree	None	None	***
19-2041	Environmental Scientists and Specialists, Including Health	Bachelor's degree	None	None	58,634
19-2042	Geoscientists, Except Hydrologists and Geographers	Bachelor's degree	None	None	71,261
19-2043	Hydrologists	Master's degree	None	None	84,397
19-2099	Physical Scientists, All Other	Bachelor's degree	None	None	***
19-3000	Social Scientists and Related Workers				
19-3011	Economists	Master's degree	None	None	104,277
19-3022	Survey Researchers	Master's degree	None	None	***
19-3031	Clinical, Counseling, and School Psychologists	Doctoral or professional degree	None	Internship/residency	85,800
19-3032	Industrial-Organizational Psychologists	Master's degree	None	Internship/residency	***
19-3039	Psychologists, All Other	Master's degree	None	Internship/residency	86,080
19-3041	Sociologists	Master's degree	None	None	***
19-3051	Urban and Regional Planners	Master's degree	None	None	58,591
19-3091	Anthropologists and Archeologists	Master's degree	None	None	43,966
19-3092	Geographers	Bachelor's degree	None	None	***
19-3093	Historians	Master's degree	None	None	62,208
19-3099	Social Scientists and Related Workers, All Other	Bachelor's degree	None	None	80,008
19-4000	Life, Physical, and Social Science Technicians				

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19-4011	Agricultural and Food Science Technicians	Associate's degree	None	Moderate-term on-the-job training	44,464
19-4021	Biological Technicians	Bachelor's degree	None	None	37,709
19-4031	Chemical Technicians	Associate's degree	None	Moderate-term on-the-job training	43,373
19-4041	Geological and Petroleum Technicians	Associate's degree	None	Moderate-term on-the-job training	58,697
19-4051	Nuclear Technicians	Associate's degree	None	Moderate-term on-the-job training	59,631
19-4061	Social Science Research Assistants	Associate's degree	None	None	36,544
19-4091	Environmental Science and Protection Technicians, Including Health	Associate's degree	None	None	42,510
19-4092	Forensic Science Technicians	Bachelor's degree	None	Moderate-term on-the-job training	41,699
19-4093	Forest and Conservation Technicians	Associate's degree	None	None	43,205
19-4099	Life, Physical, and Social Science Technicians, All Other	Associate's degree	None	None	38,087
21-0000	Community and Social Service Occupations				
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists				
21-1011	Substance Abuse and Behavioral Disorder Counselors	High school diploma or equivalent	None	Moderate-term on-the-job training	38,540
21-1012	Educational, Guidance, School, and Vocational Counselors	Master's degree	None	None	50,816
21-1013	Marriage and Family Therapists	Master's degree	None	Internship/residency	43,784
21-1014	Mental Health Counselors	Master's degree	None	Internship/residency	42,720
21-1015	Rehabilitation Counselors	Master's degree	None	None	38,655
21-1019	Counselors, All Other	Master's degree	None	None	31,334
21-1021	Child, Family, and School Social Workers	Bachelor's degree	None	None	40,580
21-1022	Healthcare Social Workers	Master's degree	None	None	44,080
21-1023	Mental Health and Substance Abuse Social Workers	Bachelor's degree	None	None	34,414
21-1029	Social Workers, All Other	Bachelor's degree	None	None	60,043
21-1091	Health Educators	Bachelor's degree	None	None	44,921
21-1092	Probation Officers and Correctional Treatment Specialists	Bachelor's degree	None	Short-term on-the-job training	43,004
21-1093	Social and Human Service Assistants	High school diploma or equivalent	None	Short-term on-the-job training	23,558
21-1094	Community Health Workers	High school diploma or equivalent	None	Short-term on-the-job training	42,491
21-1099	Community and Social Service Specialists, All Other	Master's degree	None	None	37,278
21-2000	Religious Workers				
21-2011	Clergy	Bachelor's degree	None	Moderate-term on-the-job training	38,384

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21-2021	Directors, Religious Activities and Education	Bachelor's degree	Less than 5 years	None	41,595
21-2099	Religious Workers, All Other	Bachelor's degree	None	None	***
23-0000	Legal Occupations				
23-1000	Lawyers, Judges, and Related Workers				
23-1011	Lawyers	Doctoral or professional degree	None	None	106,789
23-1012	Judicial Law Clerks	Doctoral or professional degree	None	None	29,408
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	Doctoral or professional degree	Less than 5 years	Short-term on-the-job training	117,110
23-1022	Arbitrators, Mediators, and Conciliators	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	56,699
23-1023	Judges, Magistrate Judges, and Magistrates	Doctoral or professional degree	5 years or more	Short-term on-the-job training	58,135
23-2000	Legal Support Workers				
23-2011	Paralegals and Legal Assistants	Associate's degree	None	None	45,512
23-2091	Court Reporters	Postsecondary non-degree award	None	Short-term on-the-job training	37,672
23-2093	Title Examiners, Abstractors, and Searchers	High school diploma or equivalent	None	Short-term on-the-job training	33,286
23-2099	Legal Support Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	51,568
25-0000	Education, Training, and Library Occupations				
25-1000	Postsecondary Teachers				
25-1011	Business Teachers, Postsecondary	Doctoral or professional degree	None	None	78,237
25-1021	Computer Science Teachers, Postsecondary	Doctoral or professional degree	None	None	***
25-1022	Mathematical Science Teachers, Postsecondary	Doctoral or professional degree	None	None	62,742
25-1031	Architecture Teachers, Postsecondary	Doctoral or professional degree	None	None	79,031
25-1032	Engineering Teachers, Postsecondary	Doctoral or professional degree	None	None	106,232
25-1041	Agricultural Sciences Teachers, Postsecondary	Doctoral or professional degree	None	None	92,008
25-1042	Biological Science Teachers, Postsecondary	Doctoral or professional degree	None	None	124,456
25-1043	Forestry and Conservation Science Teachers, Postsecondary	Doctoral or professional degree	None	None	90,078
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	Doctoral or professional degree	None	None	92,623
25-1052	Chemistry Teachers, Postsecondary	Doctoral or professional degree	None	None	71,098
25-1053	Environmental Science Teachers, Postsecondary	Doctoral or professional degree	None	None	78,698
25-1054	Physics Teachers, Postsecondary	Doctoral or professional degree	None	None	78,629
25-1061	Anthropology and Archeology Teachers, Postsecondary	Doctoral or professional degree	None	None	71,395

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25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	Doctoral or professional degree	None	None	***
25-1063	Economics Teachers, Postsecondary	Doctoral or professional degree	None	None	96,289
25-1064	Geography Teachers, Postsecondary	Doctoral or professional degree	None	None	67,427
25-1065	Political Science Teachers, Postsecondary	Doctoral or professional degree	None	None	66,492
25-1066	Psychology Teachers, Postsecondary	Doctoral or professional degree	None	None	68,910
25-1067	Sociology Teachers, Postsecondary	Doctoral or professional degree	None	None	59,756
25-1069	Social Sciences Teachers, Postsecondary, All Other	Doctoral or professional degree	None	None	56,736
25-1071	Health Specialties Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	108,163
25-1072	Nursing Instructors and Teachers, Postsecondary	Master's degree	Less than 5 years	None	66,658
25-1081	Education Teachers, Postsecondary	Doctoral or professional degree	None	None	57,391
25-1082	Library Science Teachers, Postsecondary	Doctoral or professional degree	None	None	60,363
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	Doctoral or professional degree	None	None	57,228
25-1112	Law Teachers, Postsecondary	Doctoral or professional degree	None	None	***
25-1113	Social Work Teachers, Postsecondary	Doctoral or professional degree	None	None	67,041
25-1121	Art, Drama, and Music Teachers, Postsecondary	Master's degree	None	None	57,212
25-1122	Communications Teachers, Postsecondary	Doctoral or professional degree	None	None	64,246
25-1123	English Language and Literature Teachers, Postsecondary	Doctoral or professional degree	None	None	52,329
25-1124	Foreign Language and Literature Teachers, Postsecondary	Doctoral or professional degree	None	None	55,342
25-1125	History Teachers, Postsecondary	Doctoral or professional degree	None	None	56,045
25-1126	Philosophy and Religion Teachers, Postsecondary	Doctoral or professional degree	None	None	61,759
25-1191	Graduate Teaching Assistants	Bachelor's degree	None	None	18,863
25-1192	Home Economics Teachers, Postsecondary	Master's degree	None	None	71,422
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	Doctoral or professional degree	None	None	61,300
25-1194	Vocational Education Teachers, Postsecondary	Bachelor's degree	Less than 5 years	None	38,020
25-1199	Postsecondary Teachers, All Other	Doctoral or professional degree	None	None	28,701
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers				
25-2011	Preschool Teachers, Except Special Education	Associate's degree	None	None	27,701
25-2012	Kindergarten Teachers, Except Special Education	Bachelor's degree	None	Internship/residency	47,993
25-2021	Elementary School Teachers, Except Special Education	Bachelor's degree	None	Internship/residency	48,974

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
25-2022	Middle School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	Internship/residency	48,832
25-2023	Career/Technical Education Teachers, Middle School	Bachelor's degree	Less than 5 years	Internship/residency	53,183
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	Internship/residency	50,169
25-2032	Career/Technical Education Teachers, Secondary School	Bachelor's degree	Less than 5 years	Internship/residency	53,480
25-2051	Special Education Teachers, Preschool	Bachelor's degree	None	Internship/residency	37,743
25-2052	Special Education Teachers, Kindergarten and Elementary School	Bachelor's degree	None	Internship/residency	50,805
25-2053	Special Education Teachers, Middle School	Bachelor's degree	None	Internship/residency	52,201
25-2054	Special Education Teachers, Secondary School	Bachelor's degree	None	Internship/residency	52,388
25-2059	Special Education Teachers, All Other	Bachelor's degree	None	Internship/residency	55,316
25-3000	Other Teachers and Instructors				
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	Bachelor's degree	None	Internship/residency	43,505
25-3021	Self-Enrichment Education Teachers	High school diploma or equivalent	Less than 5 years	None	35,041
25-3098	Substitute Teachers	Bachelor's degree	None	Internship/residency	17,298
25-3099	Teachers and Instructors, All Other	Bachelor's degree	None	Internship/residency	33,442
25-4000	Librarians, Curators, and Archivists				
25-4011	Archivists	Master's degree	None	None	60,555
25-4012	Curators	Master's degree	None	None	48,468
25-4013	Museum Technicians and Conservators	Bachelor's degree	None	None	36,361
25-4021	Librarians	Master's degree	None	None	52,338
25-4031	Library Technicians	Postsecondary non-degree award	None	None	27,988
25-9000	Other Education, Training, and Library Occupations				
25-9011	Audio-Visual and Multimedia Collections Specialists	Bachelor's degree	Less than 5 years	None	33,533
25-9021	Farm and Home Management Advisors	Master's degree	None	None	49,428
25-9031	Instructional Coordinators	Master's degree	5 years or more	None	65,054
25-9041	Teacher Assistants	Some college, no degree	None	None	19,376
25-9099	Education, Training, and Library Workers, All Other	Bachelor's degree	None	None	39,153
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations				
27-1000	Art and Design Workers				
27-1011	Art Directors	Bachelor's degree	5 years or more	None	76,281
27-1012	Craft Artists	High school diploma or equivalent	None	Long-term on-the-job training	26,696

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	High school diploma or equivalent	None	Long-term on-the-job training	46,685
27-1014	Multimedia Artists and Animators	Bachelor's degree	None	Moderate-term on-the-job training	57,704
27-1019	Artists and Related Workers, All Other	High school diploma or equivalent	None	Long-term on-the-job training	***
27-1021	Commercial and Industrial Designers	Bachelor's degree	None	None	48,125
27-1022	Fashion Designers	Bachelor's degree	None	None	***
27-1023	Floral Designers	High school diploma or equivalent	None	Moderate-term on-the-job training	22,476
27-1024	Graphic Designers	Bachelor's degree	None	None	39,802
27-1025	Interior Designers	Bachelor's degree	None	None	46,540
27-1026	Merchandise Displayers and Window Trimmers	High school diploma or equivalent	None	Moderate-term on-the-job training	24,986
27-1027	Set and Exhibit Designers	Bachelor's degree	None	None	54,617
27-1029	Designers, All Other	Bachelor's degree	None	None	***
27-2000	Entertainers and Performers, Sports and Related Workers				
27-2012	Producers and Directors	Bachelor's degree	Less than 5 years	None	50,923
27-2021	Athletes and Sports Competitors	High school diploma or equivalent	None	Long-term on-the-job training	36,101
27-2022	Coaches and Scouts	Bachelor's degree	None	None	36,913
27-2023	Umpires, Referees, and Other Sports Officials	High school diploma or equivalent	None	Moderate-term on-the-job training	21,248
27-2031	Dancers	High school diploma or equivalent	None	Long-term on-the-job training	***
27-2032	Choreographers	High school diploma or equivalent	5 years or more	Long-term on-the-job training	37,806
27-2041	Music Directors and Composers	Bachelor's degree	Less than 5 years	None	48,192
27-2042	Musicians and Singers	High school diploma or equivalent	None	Long-term on-the-job training	***
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	High school diploma or equivalent	None	None	***
27-3000	Media and Communication Workers				
27-3011	Radio and Television Announcers	Bachelor's degree	None	None	27,633
27-3012	Public Address System and Other Announcers	High school diploma or equivalent	None	Short-term on-the-job training	***
27-3021	Broadcast News Analysts	Bachelor's degree	None	None	84,832
27-3022	Reporters and Correspondents	Bachelor's degree	None	None	33,770
27-3031	Public Relations Specialists	Bachelor's degree	None	None	47,067
27-3041	Editors	Bachelor's degree	Less than 5 years	None	46,759
27-3042	Technical Writers	Bachelor's degree	Less than 5 years	Short-term on-the-job training	59,588
27-3043	Writers and Authors	Bachelor's degree	None	Moderate-term on-the-job training	54,243
27-3091	Interpreters and Translators	Bachelor's degree	None	Short-term on-the-job training	39,960

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27-3099	Media and Communication Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	47,468
27-4000	Media and Communication Equipment Workers				
27-4011	Audio and Video Equipment Technicians	Postsecondary non-degree award	None	Short-term on-the-job training	38,472
27-4012	Broadcast Technicians	Associate's degree	None	Short-term on-the-job training	36,131
27-4013	Radio Operators	High school diploma or equivalent	None	Short-term on-the-job training	***
27-4014	Sound Engineering Technicians	Postsecondary non-degree award	None	Short-term on-the-job training	41,864
27-4021	Photographers	High school diploma or equivalent	None	Long-term on-the-job training	32,733
27-4031	Camera Operators, Television, Video, and Motion Picture	Bachelor's degree	None	None	31,771
27-4032	Film and Video Editors	Bachelor's degree	None	None	43,938
27-4099	Media and Communication Equipment Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	66,374
29-0000	Healthcare Practitioners and Technical Occupations				
29-1000	Health Diagnosing and Treating Practitioners				
29-1011	Chiropractors	Doctoral or professional degree	None	None	80,695
29-1021	Dentists, General	Doctoral or professional degree	None	None	186,431
29-1022	Oral and Maxillofacial Surgeons	Doctoral or professional degree	None	Internship/residency	***
29-1023	Orthodontists	Doctoral or professional degree	None	Internship/residency	173,059
29-1029	Dentists, All Other Specialists	Doctoral or professional degree	None	Internship/residency	172,764
29-1031	Dietitians and Nutritionists	Bachelor's degree	None	Internship/residency	46,718
29-1041	Optometrists	Doctoral or professional degree	None	None	96,204
29-1051	Pharmacists	Doctoral or professional degree	None	None	119,015
29-1061	Anesthesiologists	Doctoral or professional degree	None	Internship/residency	245,745
29-1062	Family and General Practitioners	Doctoral or professional degree	None	Internship/residency	175,007
29-1063	Internists, General	Doctoral or professional degree	None	Internship/residency	204,121
29-1064	Obstetricians and Gynecologists	Doctoral or professional degree	None	Internship/residency	239,040
29-1065	Pediatricians, General	Doctoral or professional degree	None	Internship/residency	177,436
29-1066	Psychiatrists	Doctoral or professional degree	None	Internship/residency	209,878
29-1067	Surgeons	Doctoral or professional degree	None	Internship/residency	***
29-1069	Physicians and Surgeons, All Other	Doctoral or professional degree	None	Internship/residency	208,683
29-1071	Physician Assistants	Master's degree	None	None	88,677
29-1081	Podiatrists	Doctoral or professional degree	None	Internship/residency	112,233
29-1122	Occupational Therapists	Master's degree	None	None	73,262
29-1123	Physical Therapists	Doctoral or professional degree	None	None	83,459
29-1124	Radiation Therapists	Associate's degree	None	None	68,464
29-1125	Recreational Therapists	Bachelor's degree	None	None	38,707
29-1126	Respiratory Therapists	Associate's degree	None	None	46,195

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29-1127	Speech-Language Pathologists	Master's degree	None	None	65,139
29-1128	Exercise Physiologists	Bachelor's degree	None	None	43,153
29-1129	Therapists, All Other	Bachelor's degree	None	None	83,997
29-1131	Veterinarians	Doctoral or professional degree	None	None	79,822
29-1141	Registered Nurses	Associate's degree	None	None	55,869
29-1151	Nurse Anesthetists	Master's degree	None	None	148,184
29-1161	Nurse Midwives	Master's degree	None	None	***
29-1171	Nurse Practitioners	Master's degree	None	None	88,318
29-1181	Audiologists	Doctoral or professional degree	None	None	53,830
29-1199	Health Diagnosing and Treating Practitioners, All Other	Master's degree	None	None	56,991
29-2000	Health Technologists and Technicians				
29-2011	Medical and Clinical Laboratory Technologists	Bachelor's degree	None	None	52,904
29-2012	Medical and Clinical Laboratory Technicians	Associate's degree	None	None	35,849
29-2021	Dental Hygienists	Associate's degree	None	None	46,531
29-2031	Cardiovascular Technologists and Technicians	Associate's degree	None	None	44,696
29-2032	Diagnostic Medical Sonographers	Associate's degree	None	None	47,758
29-2033	Nuclear Medicine Technologists	Associate's degree	None	None	55,820
29-2034	Radiologic Technologists	Associate's degree	None	None	45,463
29-2035	Magnetic Resonance Imaging Technologists	Associate's degree	Less than 5 years	None	55,428
29-2041	Emergency Medical Technicians and Paramedics	Postsecondary non-degree award	None	None	29,374
29-2051	Dietetic Technicians	Associate's degree	None	None	31,969
29-2052	Pharmacy Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	26,487
29-2053	Psychiatric Technicians	Postsecondary non-degree award	None	Short-term on-the-job training	27,074
29-2054	Respiratory Therapy Technicians	Associate's degree	None	Moderate-term on-the-job training	38,853
29-2055	Surgical Technologists	Postsecondary non-degree award	None	None	33,994
29-2056	Veterinary Technologists and Technicians	Associate's degree	None	None	28,539
29-2057	Ophthalmic Medical Technicians	Postsecondary non-degree award	None	None	30,685
29-2061	Licensed Practical and Licensed Vocational Nurses	Postsecondary non-degree award	None	None	35,178
29-2071	Medical Records and Health Information Technicians	Postsecondary non-degree award	None	None	30,756
29-2081	Opticians, Dispensing	High school diploma or equivalent	None	Long-term on-the-job training	28,359
29-2091	Orthotists and Prosthetists	Master's degree	None	Internship/residency	62,632
29-2092	Hearing Aid Specialists	High school diploma or equivalent	None	None	***

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29-2099	Health Technologists and Technicians, All Other	High school diploma or equivalent	None	None	43,137
29-9000	Other Healthcare Practitioners and Technical Occupations				
29-9011	Occupational Health and Safety Specialists	Bachelor's degree	None	Short-term on-the-job training	66,151
29-9012	Occupational Health and Safety Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	49,622
29-9091	Athletic Trainers	Bachelor's degree	None	None	42,335
29-9092	Genetic Counselors	Master's degree	None	None	***
29-9099	Healthcare Practitioners and Technical Workers, All Other	Bachelor's degree	None	None	37,414
31-0000	Healthcare Support Occupations				
31-1000	Nursing, Psychiatric, and Home Health Aides				
31-1011	Home Health Aides	Less than high school	None	Short-term on-the-job training	19,206
31-1013	Psychiatric Aides	High school diploma or equivalent	None	Short-term on-the-job training	22,550
31-1014	Nursing Assistants	Postsecondary non-degree award	None	None	21,586
31-1015	Orderlies	High school diploma or equivalent	None	Short-term on-the-job training	20,125
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides				
31-2011	Occupational Therapy Assistants	Associate's degree	None	None	55,187
31-2012	Occupational Therapy Aides	High school diploma or equivalent	None	Short-term on-the-job training	19,507
31-2021	Physical Therapist Assistants	Associate's degree	None	None	53,714
31-2022	Physical Therapist Aides	High school diploma or equivalent	None	Short-term on-the-job training	22,093
31-9000	Other Healthcare Support Occupations				
31-9011	Massage Therapists	Postsecondary non-degree award	None	None	29,181
31-9091	Dental Assistants	Postsecondary non-degree award	None	None	30,809
31-9092	Medical Assistants	Postsecondary non-degree award	None	None	25,598
31-9093	Medical Equipment Preparers	High school diploma or equivalent	None	Moderate-term on-the-job training	24,690
31-9094	Medical Transcriptionists	Postsecondary non-degree award	None	None	29,722
31-9095	Pharmacy Aides	High school diploma or equivalent	None	Short-term on-the-job training	19,373
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	High school diploma or equivalent	None	Short-term on-the-job training	22,127
31-9097	Phlebotomists	Postsecondary non-degree award	None	None	25,500
31-9099	Healthcare Support Workers, All Other	High school diploma or equivalent	None	None	30,779
33-0000	Protective Service Occupations				
33-1000	Supervisors of Protective Service Workers				

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33-1011	First-Line Supervisors of Correctional Officers	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	53,470
33-1012	First-Line Supervisors of Police and Detectives	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	62,800
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training	57,156
33-1099	First-Line Supervisors of Protective Service Workers, All Other	High school diploma or equivalent	Less than 5 years	None	44,568
33-2000	Fire Fighting and Prevention Workers				
33-2011	Firefighters	Postsecondary non-degree award	None	Long-term on-the-job training	40,593
33-2021	Fire Inspectors and Investigators	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	47,097
33-2022	Forest Fire Inspectors and Prevention Specialists	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	32,998
33-3000	Law Enforcement Workers				
33-3011	Bailiffs	High school diploma or equivalent	None	Moderate-term on-the-job training	30,505
33-3012	Correctional Officers and Jailers	High school diploma or equivalent	None	Moderate-term on-the-job training	34,393
33-3021	Detectives and Criminal Investigators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	57,819
33-3031	Fish and Game Wardens	High school diploma or equivalent	None	Short-term on-the-job training	46,117
33-3041	Parking Enforcement Workers	High school diploma or equivalent	None	Short-term on-the-job training	27,268
33-3051	Police and Sheriff's Patrol Officers	High school diploma or equivalent	None	Moderate-term on-the-job training	41,040
33-3052	Transit and Railroad Police	High school diploma or equivalent	None	Short-term on-the-job training	35,317
33-9000	Other Protective Service Workers				
33-9011	Animal Control Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	29,652
33-9021	Private Detectives and Investigators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	57,621
33-9031	Gaming Surveillance Officers and Gaming Investigators	High school diploma or equivalent	None	Short-term on-the-job training	***
33-9032	Security Guards	High school diploma or equivalent	None	Short-term on-the-job training	24,544
33-9091	Crossing Guards	High school diploma or equivalent	None	Short-term on-the-job training	19,631
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	High school diploma or equivalent	None	Short-term on-the-job training	18,971
33-9093	Transportation Security Screeners	High school diploma or equivalent	None	Short-term on-the-job training	36,560
33-9099	Protective Service Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	30,215

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35-0000	Food Preparation and Serving Related Occupations				
35-1000	Supervisors of Food Preparation and Serving Workers				
35-1011	Chefs and Head Cooks	High school diploma or equivalent	5 years or more	None	45,093
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	High school diploma or equivalent	Less than 5 years	None	28,881
35-2000	Cooks and Food Preparation Workers				
35-2011	Cooks, Fast Food	Less than high school	None	Short-term on-the-job training	17,491
35-2012	Cooks, Institution and Cafeteria	Less than high school	None	Short-term on-the-job training	19,326
35-2013	Cooks, Private Household	Postsecondary non-degree award	Less than 5 years	None	***
35-2014	Cooks, Restaurant	Less than high school	Less than 5 years	Moderate-term on-the-job training	20,762
35-2015	Cooks, Short Order	Less than high school	None	Short-term on-the-job training	18,434
35-2019	Cooks, All Other	Less than high school	None	Moderate-term on-the-job training	27,203
35-2021	Food Preparation Workers	Less than high school	None	Short-term on-the-job training	19,202
35-3000	Food and Beverage Serving Workers				
35-3011	Bartenders	Less than high school	None	Short-term on-the-job training	20,970
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	Less than high school	None	Short-term on-the-job training	17,172
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	Less than high school	None	Short-term on-the-job training	18,123
35-3031	Waiters and Waitresses	Less than high school	None	Short-term on-the-job training	18,547
35-3041	Food Servers, Nonrestaurant	Less than high school	None	Short-term on-the-job training	19,156
35-9000	Other Food Preparation and Serving Related Workers				
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	Less than high school	None	Short-term on-the-job training	18,554
35-9021	Dishwashers	Less than high school	None	Short-term on-the-job training	17,770
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	Less than high school	None	None	17,696
35-9099	Food Preparation and Serving Related Workers, All Other	Less than high school	None	Short-term on-the-job training	20,644
37-0000	Building and Grounds Cleaning and Maintenance Occupations				
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers				

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SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	High school diploma or equivalent	Less than 5 years	None	36,149
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	High school diploma or equivalent	Less than 5 years	None	40,298
37-2000	Building Cleaning and Pest Control Workers				
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	Less than high school	None	Short-term on-the-job training	20,571
37-2012	Maids and Housekeeping Cleaners	Less than high school	None	Short-term on-the-job training	18,860
37-2021	Pest Control Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	26,972
37-3000	Grounds Maintenance Workers				
37-3011	Landscaping and Groundskeeping Workers	Less than high school	None	Short-term on-the-job training	22,526
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	High school diploma or equivalent	None	Moderate-term on-the-job training	30,200
37-3013	Tree Trimmers and Pruners	High school diploma or equivalent	None	Short-term on-the-job training	33,334
37-3019	Grounds Maintenance Workers, All Other	Less than high school	None	Short-term on-the-job training	35,741
39-0000	Personal Care and Service Occupations				
39-1000	Supervisors of Personal Care and Service Workers				
39-1011	Gaming Supervisors	High school diploma or equivalent	Less than 5 years	None	43,264
39-1012	Slot Supervisors	High school diploma or equivalent	Less than 5 years	None	***
39-1021	First-Line Supervisors of Personal Service Workers	High school diploma or equivalent	Less than 5 years	None	32,900
39-2000	Animal Care and Service Workers				
39-2011	Animal Trainers	High school diploma or equivalent	None	Moderate-term on-the-job training	30,042
39-2021	Nonfarm Animal Caretakers	Less than high school	None	Short-term on-the-job training	20,642
39-3000	Entertainment Attendants and Related Workers				
39-3011	Gaming Dealers	High school diploma or equivalent	None	Short-term on-the-job training	***
39-3012	Gaming and Sports Book Writers and Runners	High school diploma or equivalent	None	Short-term on-the-job training	21,597
39-3019	Gaming Service Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	***
39-3021	Motion Picture Projectionists	Less than high school	None	Short-term on-the-job training	19,663
39-3031	Ushers, Lobby Attendants, and Ticket Takers	Less than high school	None	Short-term on-the-job training	***
39-3091	Amusement and Recreation Attendants	Less than high school	None	Short-term on-the-job training	18,468

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SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
39-3092	Costume Attendants	High school diploma or equivalent	None	Short-term on-the-job training	***
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	High school diploma or equivalent	None	Short-term on-the-job training	22,859
39-4000	Funeral Service Workers				
39-4011	Embalmers	Postsecondary non-degree award	None	Short-term on-the-job training	46,104
39-4021	Funeral Attendants	High school diploma or equivalent	None	Short-term on-the-job training	23,963
39-4031	Morticians, Undertakers, and Funeral Directors	Associate's degree	None	Long-term on-the-job training	40,169
39-5000	Personal Appearance Workers				
39-5011	Barbers	Postsecondary non-degree award	None	None	***
39-5012	Hairdressers, Hairstylists, and Cosmetologists	Postsecondary non-degree award	None	None	24,252
39-5092	Manicurists and Pedicurists	Postsecondary non-degree award	None	None	20,884
39-5093	Shampooers	Less than high school	None	Short-term on-the-job training	17,536
39-5094	Skincare Specialists	Postsecondary non-degree award	None	None	***
39-6000	Baggage Porters, Bellhops, and Concierges				
39-6011	Baggage Porters and Bellhops	High school diploma or equivalent	None	Short-term on-the-job training	18,077
39-6012	Concierges	High school diploma or equivalent	None	Moderate-term on-the-job training	22,241
39-7000	Tour and Travel Guides				
39-7011	Tour Guides and Escorts	High school diploma or equivalent	None	Moderate-term on-the-job training	22,878
39-9000	Other Personal Care and Service Workers				
39-9011	Childcare Workers	High school diploma or equivalent	None	Short-term on-the-job training	18,368
39-9021	Personal Care Aides	Less than high school	None	Short-term on-the-job training	17,830
39-9031	Fitness Trainers and Aerobics Instructors	High school diploma or equivalent	None	Short-term on-the-job training	31,529
39-9032	Recreation Workers	Bachelor's degree	None	None	23,442
39-9041	Residential Advisors	High school diploma or equivalent	None	Short-term on-the-job training	21,492
39-9099	Personal Care and Service Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	22,232
41-0000	Sales and Related Occupations				
41-1000	Supervisors of Sales Workers				
41-1011	First-Line Supervisors of Retail Sales Workers	High school diploma or equivalent	Less than 5 years	None	38,780
41-1012	First-Line Supervisors of Non-Retail Sales Workers	High school diploma or equivalent	Less than 5 years	None	74,601
41-2000	Retail Sales Workers				

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41-2011	Cashiers	Less than high school	None	Short-term on-the-job training	18,175
41-2012	Gaming Change Persons and Booth Cashiers	High school diploma or equivalent	None	Short-term on-the-job training	***
41-2021	Counter and Rental Clerks	Less than high school	None	Short-term on-the-job training	23,907
41-2022	Parts Salespersons	Less than high school	None	Moderate-term on-the-job training	30,313
41-2031	Retail Salespersons	Less than high school	None	Short-term on-the-job training	24,424
41-3000	Sales Representatives, Services				
41-3011	Advertising Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	46,099
41-3021	Insurance Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	54,048
41-3031	Securities, Commodities, and Financial Services Sales Agents	Bachelor's degree	None	Moderate-term on-the-job training	82,557
41-3041	Travel Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	38,519
41-3099	Sales Representatives, Services, All Other	High school diploma or equivalent	None	Short-term on-the-job training	48,231
41-4000	Sales Representatives, Wholesale and Manufacturing				
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	Bachelor's degree	None	Moderate-term on-the-job training	***
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	High school diploma or equivalent	None	Moderate-term on-the-job training	63,394
41-9000	Other Sales and Related Workers				
41-9011	Demonstrators and Product Promoters	High school diploma or equivalent	None	Short-term on-the-job training	***
41-9021	Real Estate Brokers	High school diploma or equivalent	Less than 5 years	None	70,523
41-9022	Real Estate Sales Agents	High school diploma or equivalent	None	Long-term on-the-job training	56,597
41-9031	Sales Engineers	Bachelor's degree	None	Moderate-term on-the-job training	99,260
41-9041	Telemarketers	Less than high school	None	Short-term on-the-job training	***
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	High school diploma or equivalent	None	Short-term on-the-job training	***
41-9099	Sales and Related Workers, All Other	High school diploma or equivalent	None	None	23,701
43-0000	Office and Administrative Support Occupations				
43-1000	Supervisors of Office and Administrative Support Workers				
43-1011	First-Line Supervisors of Office and Administrative Support Workers	High school diploma or equivalent	Less than 5 years	None	49,738

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
43-2000	Communications Equipment Operators				
43-2011	Switchboard Operators, Including Answering Service	High school diploma or equivalent	None	Short-term on-the-job training	23,154
43-2021	Telephone Operators	High school diploma or equivalent	None	Short-term on-the-job training	***
43-2099	Communications Equipment Operators, All Other	High school diploma or equivalent	None	Short-term on-the-job training	40,603
43-3000	Financial Clerks				
43-3011	Bill and Account Collectors	High school diploma or equivalent	None	Moderate-term on-the-job training	30,223
43-3021	Billing and Posting Clerks	High school diploma or equivalent	None	Short-term on-the-job training	30,390
43-3031	Bookkeeping, Accounting, and Auditing Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	34,345
43-3041	Gaming Cage Workers	High school diploma or equivalent	None	Short-term on-the-job training	***
43-3051	Payroll and Timekeeping Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	36,663
43-3061	Procurement Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	36,250
43-3071	Tellers	High school diploma or equivalent	None	Short-term on-the-job training	25,287
43-3099	Financial Clerks, All Other	High school diploma or equivalent	None	Short-term on-the-job training	42,827
43-4000	Information and Record Clerks				
43-4011	Brokerage Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	43,693
43-4021	Correspondence Clerks	High school diploma or equivalent	None	Short-term on-the-job training	35,630
43-4031	Court, Municipal, and License Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	30,779
43-4041	Credit Authorizers, Checkers, and Clerks	High school diploma or equivalent	None	Short-term on-the-job training	32,782
43-4051	Customer Service Representatives	High school diploma or equivalent	None	Short-term on-the-job training	29,325
43-4061	Eligibility Interviewers, Government Programs	High school diploma or equivalent	None	Moderate-term on-the-job training	39,894
43-4071	File Clerks	High school diploma or equivalent	None	Short-term on-the-job training	23,033
43-4081	Hotel, Motel, and Resort Desk Clerks	High school diploma or equivalent	None	Short-term on-the-job training	19,229
43-4111	Interviewers, Except Eligibility and Loan	High school diploma or equivalent	None	Short-term on-the-job training	28,018
43-4121	Library Assistants, Clerical	High school diploma or equivalent	None	Short-term on-the-job training	20,138
43-4131	Loan Interviewers and Clerks	High school diploma or equivalent	None	Short-term on-the-job training	30,794
43-4141	New Accounts Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	30,330

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SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
43-4151	Order Clerks	High school diploma or equivalent	None	Short-term on-the-job training	28,285
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	High school diploma or equivalent	None	Short-term on-the-job training	34,715
43-4171	Receptionists and Information Clerks	High school diploma or equivalent	None	Short-term on-the-job training	23,519
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	High school diploma or equivalent	None	Short-term on-the-job training	31,781
43-4199	Information and Record Clerks, All Other	High school diploma or equivalent	None	Short-term on-the-job training	41,231
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers				
43-5011	Cargo and Freight Agents	High school diploma or equivalent	None	Short-term on-the-job training	45,605
43-5021	Couriers and Messengers	High school diploma or equivalent	None	Short-term on-the-job training	23,221
43-5031	Police, Fire, and Ambulance Dispatchers	High school diploma or equivalent	None	Moderate-term on-the-job training	30,278
43-5032	Dispatchers, Except Police, Fire, and Ambulance	High school diploma or equivalent	None	Moderate-term on-the-job training	39,138
43-5041	Meter Readers, Utilities	High school diploma or equivalent	None	Short-term on-the-job training	35,043
43-5051	Postal Service Clerks	High school diploma or equivalent	None	Short-term on-the-job training	45,399
43-5052	Postal Service Mail Carriers	High school diploma or equivalent	None	Short-term on-the-job training	49,350
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	High school diploma or equivalent	None	Short-term on-the-job training	48,358
43-5061	Production, Planning, and Expediting Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	46,020
43-5071	Shipping, Receiving, and Traffic Clerks	High school diploma or equivalent	None	Short-term on-the-job training	29,195
43-5081	Stock Clerks and Order Fillers	Less than high school	None	Short-term on-the-job training	23,172
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	High school diploma or equivalent	None	Short-term on-the-job training	29,235
43-6000	Secretaries and Administrative Assistants				
43-6011	Executive Secretaries and Executive Administrative Assistants	High school diploma or equivalent	Less than 5 years	None	52,534
43-6012	Legal Secretaries	High school diploma or equivalent	None	Moderate-term on-the-job training	35,564
43-6013	Medical Secretaries	High school diploma or equivalent	None	Moderate-term on-the-job training	29,313
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	High school diploma or equivalent	None	Short-term on-the-job training	32,839

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SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
43-9000	Other Office and Administrative Support Workers				
43-9011	Computer Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	36,317
43-9021	Data Entry Keyers	High school diploma or equivalent	None	Moderate-term on-the-job training	25,832
43-9022	Word Processors and Typists	High school diploma or equivalent	None	Short-term on-the-job training	32,239
43-9031	Desktop Publishers	Associate's degree	None	Short-term on-the-job training	34,899
43-9041	Insurance Claims and Policy Processing Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	33,042
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	High school diploma or equivalent	None	Short-term on-the-job training	26,652
43-9061	Office Clerks, General	High school diploma or equivalent	None	Short-term on-the-job training	23,023
43-9071	Office Machine Operators, Except Computer	High school diploma or equivalent	None	Short-term on-the-job training	24,637
43-9081	Proofreaders and Copy Markers	Bachelor's degree	None	None	***
43-9111	Statistical Assistants	Bachelor's degree	None	None	36,707
43-9199	Office and Administrative Support Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	36,513
45-0000	Farming, Fishing, and Forestry Occupations				
45-1000	Supervisors of Farming, Fishing, and Forestry Workers				
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	High school diploma or equivalent	Less than 5 years	None	46,172
45-2000	Agricultural Workers				
45-2011	Agricultural Inspectors	Bachelor's degree	None	Moderate-term on-the-job training	43,473
45-2041	Graders and Sorters, Agricultural Products	Less than high school	None	Short-term on-the-job training	20,348
45-2091	Agricultural Equipment Operators	Less than high school	None	Short-term on-the-job training	23,875
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	Less than high school	None	Short-term on-the-job training	25,050
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	Less than high school	None	Short-term on-the-job training	26,724
45-2099	Agricultural Workers, All Other	Less than high school	None	Short-term on-the-job training	20,553
45-4000	Forest, Conservation, and Logging Workers				
45-4011	Forest and Conservation Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	27,982
45-4021	Fallers	High school diploma or equivalent	None	Moderate-term on-the-job training	***
45-4022	Logging Equipment Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	33,237

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45-4023	Log Graders and Scalers	High school diploma or equivalent	None	Moderate-term on-the-job training	31,491
45-4029	Logging Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	***
47-0000	Construction and Extraction Occupations				
47-1000	Supervisors of Construction and Extraction Workers				
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	High school diploma or equivalent	5 years or more	None	55,989
47-2000	Construction Trades Workers				
47-2011	Boilermakers	High school diploma or equivalent	None	Apprenticeship	55,871
47-2021	Brickmasons and Blockmasons	High school diploma or equivalent	None	Apprenticeship	34,817
47-2022	Stonemasons	High school diploma or equivalent	None	Apprenticeship	33,110
47-2031	Carpenters	High school diploma or equivalent	None	Apprenticeship	32,267
47-2041	Carpet Installers	Less than high school	None	Short-term on-the-job training	30,128
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	High school diploma or equivalent	None	Moderate-term on-the-job training	28,977
47-2043	Floor Sanders and Finishers	High school diploma or equivalent	None	Moderate-term on-the-job training	34,844
47-2044	Tile and Marble Setters	Less than high school	None	Long-term on-the-job training	29,699
47-2051	Cement Masons and Concrete Finishers	Less than high school	None	Moderate-term on-the-job training	35,145
47-2053	Terrazzo Workers and Finishers	High school diploma or equivalent	None	Apprenticeship	***
47-2061	Construction Laborers	Less than high school	None	Short-term on-the-job training	26,614
47-2071	Paving, Surfacing, and Tamping Equipment Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	28,300
47-2072	Pile-Driver Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	38,725
47-2073	Operating Engineers and Other Construction Equipment Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	35,604
47-2081	Drywall and Ceiling Tile Installers	Less than high school	None	Moderate-term on-the-job training	38,866
47-2111	Electricians	High school diploma or equivalent	None	Apprenticeship	43,197
47-2121	Glaziers	High school diploma or equivalent	None	Apprenticeship	35,988
47-2131	Insulation Workers, Floor, Ceiling, and Wall	Less than high school	None	Short-term on-the-job training	27,793
47-2132	Insulation Workers, Mechanical	High school diploma or equivalent	None	Apprenticeship	34,422
47-2141	Painters, Construction and Maintenance	Less than high school	None	Moderate-term on-the-job training	31,982
47-2142	Paperhangers	High school diploma or equivalent	None	Moderate-term on-the-job training	***
47-2151	Pipelayers	Less than high school	None	Short-term on-the-job training	35,005
47-2152	Plumbers, Pipefitters, and Steamfitters	High school diploma or equivalent	None	Apprenticeship	40,175

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47-2161	Plasterers and Stucco Masons	Less than high school	None	Long-term on-the-job training	***
47-2171	Reinforcing Iron and Rebar Workers	High school diploma or equivalent	None	Apprenticeship	40,595
47-2181	Roofers	Less than high school	None	Moderate-term on-the-job training	29,036
47-2211	Sheet Metal Workers	High school diploma or equivalent	None	Apprenticeship	39,369
47-2221	Structural Iron and Steel Workers	High school diploma or equivalent	None	Apprenticeship	38,709
47-3000	Helpers, Construction Trades				
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	Less than high school	None	Short-term on-the-job training	28,157
47-3012	Helpers--Carpenters	Less than high school	None	Short-term on-the-job training	21,809
47-3013	Helpers--Electricians	High school diploma or equivalent	None	Short-term on-the-job training	26,318
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	Less than high school	None	Short-term on-the-job training	22,679
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	High school diploma or equivalent	None	Short-term on-the-job training	25,503
47-3016	Helpers--Roofers	Less than high school	None	Short-term on-the-job training	21,395
47-3019	Helpers, Construction Trades, All Other	Less than high school	None	Short-term on-the-job training	24,506
47-4000	Other Construction and Related Workers				
47-4011	Construction and Building Inspectors	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	49,635
47-4021	Elevator Installers and Repairers	High school diploma or equivalent	None	Apprenticeship	67,925
47-4031	Fence Erectors	High school diploma or equivalent	None	Moderate-term on-the-job training	24,834
47-4041	Hazardous Materials Removal Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	33,259
47-4051	Highway Maintenance Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	27,128
47-4061	Rail-Track Laying and Maintenance Equipment Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	46,317
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	Less than high school	None	Moderate-term on-the-job training	29,983
47-4091	Segmental Pavers	High school diploma or equivalent	None	Moderate-term on-the-job training	***
47-4099	Construction and Related Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	30,986
47-5000	Extraction Workers				
47-5011	Derrick Operators, Oil and Gas	Less than high school	None	Short-term on-the-job training	44,615
47-5012	Rotary Drill Operators, Oil and Gas	Less than high school	None	Moderate-term on-the-job training	41,469
47-5013	Service Unit Operators, Oil, Gas, and Mining	Less than high school	None	Moderate-term on-the-job training	48,008

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
47-5021	Earth Drillers, Except Oil and Gas	High school diploma or equivalent	None	Moderate-term on-the-job training	39,150
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training	49,577
47-5041	Continuous Mining Machine Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	42,759
47-5042	Mine Cutting and Channeling Machine Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	46,413
47-5049	Mining Machine Operators, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	45,662
47-5051	Rock Splitters, Quarry	High school diploma or equivalent	None	Short-term on-the-job training	***
47-5061	Roof Bolters, Mining	High school diploma or equivalent	None	Moderate-term on-the-job training	54,152
47-5071	Roustabouts, Oil and Gas	Less than high school	None	Moderate-term on-the-job training	32,159
47-5081	Helpers--Extraction Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	38,769
47-5099	Extraction Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	***
49-0000	Installation, Maintenance, and Repair Occupations				
49-1000	Supervisors of Installation, Maintenance, and Repair Workers				
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	High school diploma or equivalent	Less than 5 years	None	59,008
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers				
49-2011	Computer, Automated Teller, and Office Machine Repairers	Some college, no degree	None	None	37,112
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	Associate's degree	None	Moderate-term on-the-job training	45,510
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	Postsecondary non-degree award	None	Moderate-term on-the-job training	50,941
49-2091	Avionics Technicians	Associate's degree	None	None	56,439
49-2092	Electric Motor, Power Tool, and Related Repairers	Postsecondary non-degree award	None	Long-term on-the-job training	41,381
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	Postsecondary non-degree award	None	Long-term on-the-job training	52,455
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	Postsecondary non-degree award	None	Long-term on-the-job training	52,655
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	Postsecondary non-degree award	None	Long-term on-the-job training	63,866
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	Postsecondary non-degree award	None	Short-term on-the-job training	27,756
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	Postsecondary non-degree award	None	None	31,007

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
49-2098	Security and Fire Alarm Systems Installers	High school diploma or equivalent	None	Moderate-term on-the-job training	35,940
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers				
49-3011	Aircraft Mechanics and Service Technicians	Postsecondary non-degree award	None	None	***
49-3021	Automotive Body and Related Repairers	High school diploma or equivalent	None	Moderate-term on-the-job training	38,636
49-3022	Automotive Glass Installers and Repairers	High school diploma or equivalent	None	Moderate-term on-the-job training	33,941
49-3023	Automotive Service Technicians and Mechanics	High school diploma or equivalent	None	Long-term on-the-job training	37,902
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	High school diploma or equivalent	None	Long-term on-the-job training	39,799
49-3041	Farm Equipment Mechanics and Service Technicians	High school diploma or equivalent	None	Long-term on-the-job training	35,836
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	High school diploma or equivalent	None	Long-term on-the-job training	43,336
49-3043	Rail Car Repairers	High school diploma or equivalent	None	Long-term on-the-job training	46,181
49-3051	Motorboat Mechanics and Service Technicians	High school diploma or equivalent	None	Long-term on-the-job training	39,184
49-3052	Motorcycle Mechanics	High school diploma or equivalent	None	Long-term on-the-job training	35,096
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	High school diploma or equivalent	None	Moderate-term on-the-job training	29,489
49-3091	Bicycle Repairers	High school diploma or equivalent	None	Moderate-term on-the-job training	***
49-3092	Recreational Vehicle Service Technicians	High school diploma or equivalent	None	Long-term on-the-job training	42,231
49-3093	Tire Repairers and Changers	High school diploma or equivalent	None	Short-term on-the-job training	22,555
49-9000	Other Installation, Maintenance, and Repair Occupations				
49-9011	Mechanical Door Repairers	High school diploma or equivalent	None	Moderate-term on-the-job training	37,708
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	High school diploma or equivalent	None	Moderate-term on-the-job training	41,047
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Postsecondary non-degree award	None	Long-term on-the-job training	39,170
49-9031	Home Appliance Repairers	High school diploma or equivalent	None	Moderate-term on-the-job training	30,424
49-9041	Industrial Machinery Mechanics	High school diploma or equivalent	None	Long-term on-the-job training	48,790
49-9043	Maintenance Workers, Machinery	High school diploma or equivalent	None	Moderate-term on-the-job training	37,821
49-9044	Millwrights	High school diploma or equivalent	None	Apprenticeship	43,304
49-9045	Refractory Materials Repairers, Except Brickmasons	High school diploma or equivalent	None	Moderate-term on-the-job training	***

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
49-9051	Electrical Power-Line Installers and Repairers	High school diploma or equivalent	None	Long-term on-the-job training	59,726
49-9052	Telecommunications Line Installers and Repairers	High school diploma or equivalent	None	Long-term on-the-job training	37,573
49-9061	Camera and Photographic Equipment Repairers	Associate's degree	None	Long-term on-the-job training	41,909
49-9062	Medical Equipment Repairers	Associate's degree	None	Moderate-term on-the-job training	44,244
49-9063	Musical Instrument Repairers and Tuners	High school diploma or equivalent	None	Apprenticeship	29,029
49-9069	Precision Instrument and Equipment Repairers, All Other	High school diploma or equivalent	None	Long-term on-the-job training	46,990
49-9071	Maintenance and Repair Workers, General	High school diploma or equivalent	None	Long-term on-the-job training	35,692
49-9081	Wind Turbine Service Technicians	Some college, no degree	None	Long-term on-the-job training	***
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	High school diploma or equivalent	None	Short-term on-the-job training	29,591
49-9092	Commercial Divers	Postsecondary non-degree award	None	Moderate-term on-the-job training	***
49-9093	Fabric Menders, Except Garment	Less than high school	None	Long-term on-the-job training	***
49-9094	Locksmiths and Safe Repairers	High school diploma or equivalent	None	Long-term on-the-job training	31,373
49-9095	Manufactured Building and Mobile Home Installers	High school diploma or equivalent	None	Moderate-term on-the-job training	***
49-9096	Riggers	High school diploma or equivalent	None	Short-term on-the-job training	34,801
49-9097	Signal and Track Switch Repairers	High school diploma or equivalent	None	Moderate-term on-the-job training	52,338
49-9098	Helpers--Installation, Maintenance, and Repair Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	22,271
49-9099	Installation, Maintenance, and Repair Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	36,392
51-0000	Production Occupations				
51-1000	Supervisors of Production Workers				
51-1011	First-Line Supervisors of Production and Operating Workers	Postsecondary non-degree award	Less than 5 years	None	55,630
51-2000	Assemblers and Fabricators				
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	High school diploma or equivalent	None	Moderate-term on-the-job training	42,413
51-2021	Coil Winders, Tapers, and Finishers	High school diploma or equivalent	None	Short-term on-the-job training	48,256
51-2022	Electrical and Electronic Equipment Assemblers	High school diploma or equivalent	None	Short-term on-the-job training	26,359
51-2023	Electromechanical Equipment Assemblers	High school diploma or equivalent	None	Short-term on-the-job training	28,329
51-2031	Engine and Other Machine Assemblers	High school diploma or equivalent	None	Short-term on-the-job training	35,687

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
51-2041	Structural Metal Fabricators and Fitters	High school diploma or equivalent	None	Moderate-term on-the-job training	36,021
51-2091	Fiberglass Laminators and Fabricators	High school diploma or equivalent	None	Moderate-term on-the-job training	28,171
51-2092	Team Assemblers	High school diploma or equivalent	None	Moderate-term on-the-job training	33,751
51-2093	Timing Device Assemblers and Adjusters	High school diploma or equivalent	None	Moderate-term on-the-job training	***
51-2099	Assemblers and Fabricators, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	21,651
51-3000	Food Processing Workers				
51-3011	Bakers	Less than high school	None	Long-term on-the-job training	22,254
51-3021	Butchers and Meat Cutters	Less than high school	None	Long-term on-the-job training	26,653
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	Less than high school	None	Short-term on-the-job training	22,856
51-3023	Slaughterers and Meat Packers	Less than high school	None	Short-term on-the-job training	23,015
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	Less than high school	None	Moderate-term on-the-job training	28,991
51-3092	Food Batchmakers	High school diploma or equivalent	None	Moderate-term on-the-job training	25,955
51-3093	Food Cooking Machine Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	22,491
51-3099	Food Processing Workers, All Other	Less than high school	None	Moderate-term on-the-job training	21,810
51-4000	Metal Workers and Plastic Workers				
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	33,367
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	High school diploma or equivalent	None	Long-term on-the-job training	38,943
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	31,013
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	39,216
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	41,288
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	28,854
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	28,384

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SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	30,839
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	35,746
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	34,659
51-4041	Machinists	High school diploma or equivalent	None	Long-term on-the-job training	38,512
51-4051	Metal-Refining Furnace Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	44,327
51-4052	Pourers and Casters, Metal	High school diploma or equivalent	None	Moderate-term on-the-job training	32,168
51-4061	Model Makers, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	41,780
51-4062	Patternmakers, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	40,314
51-4071	Foundry Mold and Coremakers	High school diploma or equivalent	None	Moderate-term on-the-job training	31,467
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	29,356
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	32,166
51-4111	Tool and Die Makers	High school diploma or equivalent	None	Long-term on-the-job training	46,754
51-4121	Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	None	Moderate-term on-the-job training	36,883
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	34,727
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	33,933
51-4192	Layout Workers, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	47,288
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	25,902
51-4194	Tool Grinders, Filers, and Sharpeners	High school diploma or equivalent	None	Moderate-term on-the-job training	34,045
51-4199	Metal Workers and Plastic Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	31,527
51-5100	Printing Workers				
51-5111	Prepress Technicians and Workers	Postsecondary non-degree award	None	None	30,659

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51-5112	Printing Press Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	28,733
51-5113	Print Binding and Finishing Workers	High school diploma or equivalent	None	Short-term on-the-job training	32,203
51-6000	Textile, Apparel, and Furnishings Workers				
51-6011	Laundry and Dry-Cleaning Workers	Less than high school	None	Short-term on-the-job training	19,697
51-6021	Pressers, Textile, Garment, and Related Materials	Less than high school	None	Short-term on-the-job training	20,496
51-6031	Sewing Machine Operators	Less than high school	None	Short-term on-the-job training	20,482
51-6041	Shoe and Leather Workers and Repairers	High school diploma or equivalent	None	Moderate-term on-the-job training	22,123
51-6051	Sewers, Hand	Less than high school	None	Moderate-term on-the-job training	22,285
51-6052	Tailors, Dressmakers, and Custom Sewers	Less than high school	None	Moderate-term on-the-job training	23,828
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	High school diploma or equivalent	None	Short-term on-the-job training	26,724
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	***
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	26,518
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	25,584
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	High school diploma or equivalent	None	Moderate-term on-the-job training	33,780
51-6092	Fabric and Apparel Patternmakers	High school diploma or equivalent	None	Moderate-term on-the-job training	***
51-6093	Upholsterers	High school diploma or equivalent	None	Moderate-term on-the-job training	30,069
51-6099	Textile, Apparel, and Furnishings Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	34,543
51-7000	Woodworkers				
51-7011	Cabinetmakers and Bench Carpenters	High school diploma or equivalent	None	Moderate-term on-the-job training	26,046
51-7021	Furniture Finishers	High school diploma or equivalent	None	Short-term on-the-job training	27,610
51-7031	Model Makers, Wood	High school diploma or equivalent	None	Moderate-term on-the-job training	***
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	High school diploma or equivalent	None	Short-term on-the-job training	26,918
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	High school diploma or equivalent	None	Short-term on-the-job training	23,070
51-7099	Woodworkers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	29,923

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51-8000	Plant and System Operators				
51-8011	Nuclear Power Reactor Operators	High school diploma or equivalent	None	Long-term on-the-job training	***
51-8012	Power Distributors and Dispatchers	High school diploma or equivalent	None	Long-term on-the-job training	70,529
51-8013	Power Plant Operators	High school diploma or equivalent	None	Long-term on-the-job training	60,718
51-8021	Stationary Engineers and Boiler Operators	High school diploma or equivalent	None	Long-term on-the-job training	46,731
51-8031	Water and Wastewater Treatment Plant and System Operators	High school diploma or equivalent	None	Long-term on-the-job training	42,750
51-8091	Chemical Plant and System Operators	High school diploma or equivalent	None	Long-term on-the-job training	52,707
51-8092	Gas Plant Operators	High school diploma or equivalent	None	Long-term on-the-job training	61,777
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	High school diploma or equivalent	None	Long-term on-the-job training	54,143
51-8099	Plant and System Operators, All Other	High school diploma or equivalent	None	Long-term on-the-job training	67,444
51-9000	Other Production Occupations				
51-9011	Chemical Equipment Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	52,429
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	44,625
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	33,834
51-9022	Grinding and Polishing Workers, Hand	Less than high school	None	Moderate-term on-the-job training	27,090
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	40,741
51-9031	Cutters and Trimmers, Hand	Less than high school	None	Short-term on-the-job training	26,053
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Short-term on-the-job training	31,439
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	41,191
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	39,669
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	None	Moderate-term on-the-job training	32,025
51-9071	Jewelers and Precious Stone and Metal Workers	High school diploma or equivalent	None	Long-term on-the-job training	37,340
51-9081	Dental Laboratory Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	34,754
51-9082	Medical Appliance Technicians	High school diploma or equivalent	None	Long-term on-the-job training	33,470

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Occupations in Alabama with Average Salaries to Include Education, Work Experience, and Typical Job Training Requirements

SOC	Occupation	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation	Avg Annual Salary (\$)
51-9083	Ophthalmic Laboratory Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	30,802
51-9111	Packaging and Filling Machine Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	25,476
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	30,870
51-9122	Painters, Transportation Equipment	High school diploma or equivalent	None	Moderate-term on-the-job training	41,185
51-9123	Painting, Coating, and Decorating Workers	Less than high school	None	Moderate-term on-the-job training	26,418
51-9151	Photographic Process Workers and Processing Machine Operators	High school diploma or equivalent	None	Short-term on-the-job training	22,001
51-9191	Adhesive Bonding Machine Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	28,831
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	Less than high school	None	Moderate-term on-the-job training	***
51-9193	Cooling and Freezing Equipment Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	25,634
51-9194	Etchers and Engravers	High school diploma or equivalent	None	Moderate-term on-the-job training	27,815
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	High school diploma or equivalent	None	Long-term on-the-job training	30,118
51-9196	Paper Goods Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	41,361
51-9197	Tire Builders	High school diploma or equivalent	None	Moderate-term on-the-job training	42,502
51-9198	Helpers--Production Workers	Less than high school	None	Short-term on-the-job training	22,656
51-9199	Production Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	32,433
53-0000	Transportation and Material Moving Occupations				
53-1000	Supervisors of Transportation and Material Moving Workers				
53-1011	Aircraft Cargo Handling Supervisors	High school diploma or equivalent	Less than 5 years	None	44,886
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	High school diploma or equivalent	Less than 5 years	None	44,307
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	High school diploma or equivalent	Less than 5 years	None	52,953
53-2000	Air Transportation Workers				
53-2011	Airline Pilots, Copilots, and Flight Engineers	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	98,482
53-2012	Commercial Pilots	High school diploma or equivalent	None	Moderate-term on-the-job training	83,943
53-2021	Air Traffic Controllers	Associate's degree	None	Long-term on-the-job training	94,029
53-2022	Airfield Operations Specialists	High school diploma or equivalent	None	Long-term on-the-job training	52,741

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53-3000	Motor Vehicle Operators				
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	17,775
53-3021	Bus Drivers, Transit and Intercity	High school diploma or equivalent	None	Moderate-term on-the-job training	26,193
53-3022	Bus Drivers, School or Special Client	High school diploma or equivalent	None	Short-term on-the-job training	17,872
53-3031	Driver/Sales Workers	High school diploma or equivalent	None	Short-term on-the-job training	26,762
53-3032	Heavy and Tractor-Trailer Truck Drivers	Postsecondary non-degree award	None	Short-term on-the-job training	39,026
53-3033	Light Truck or Delivery Services Drivers	High school diploma or equivalent	None	Short-term on-the-job training	30,491
53-3041	Taxi Drivers and Chauffeurs	Less than high school	None	Short-term on-the-job training	21,394
53-3099	Motor Vehicle Operators, All Other	High school diploma or equivalent	None	Short-term on-the-job training	26,691
53-4000	Rail Transportation Workers				
53-4011	Locomotive Engineers	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	55,896
53-4012	Locomotive Firers	High school diploma or equivalent	None	Moderate-term on-the-job training	***
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	High school diploma or equivalent	None	Moderate-term on-the-job training	49,581
53-4021	Railroad Brake, Signal, and Switch Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	38,860
53-4031	Railroad Conductors and Yardmasters	High school diploma or equivalent	None	Moderate-term on-the-job training	52,201
53-5000	Water Transportation Workers				
53-5011	Sailors and Marine Oilers	Less than high school	None	Moderate-term on-the-job training	34,613
53-5021	Captains, Mates, and Pilots of Water Vessels	Bachelor's degree	None	None	69,077
53-5031	Ship Engineers	Bachelor's degree	None	None	69,299
53-6000	Other Transportation Workers				
53-6011	Bridge and Lock Tenders	High school diploma or equivalent	None	Short-term on-the-job training	***
53-6021	Parking Lot Attendants	Less than high school	None	Short-term on-the-job training	19,331
53-6031	Automotive and Watercraft Service Attendants	Less than high school	None	Short-term on-the-job training	20,956
53-6041	Traffic Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	42,892
53-6051	Transportation Inspectors	High school diploma or equivalent	None	Moderate-term on-the-job training	65,647
53-6061	Transportation Attendants, Except Flight Attendants	High school diploma or equivalent	None	Short-term on-the-job training	***

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53-6099	Transportation Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	34,412
53-7000	Material Moving Workers				
53-7011	Conveyor Operators and Tenders	Less than high school	None	Short-term on-the-job training	40,400
53-7021	Crane and Tower Operators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	43,906
53-7032	Excavating and Loading Machine and Dragline Operators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	38,634
53-7033	Loading Machine Operators, Underground Mining	Less than high school	None	Short-term on-the-job training	***
53-7041	Hoist and Winch Operators	Less than high school	None	Short-term on-the-job training	***
53-7051	Industrial Truck and Tractor Operators	Less than high school	None	Short-term on-the-job training	30,417
53-7061	Cleaners of Vehicles and Equipment	Less than high school	None	Short-term on-the-job training	22,191
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	Less than high school	None	Short-term on-the-job training	23,462
53-7063	Machine Feeders and Offbearers	Less than high school	None	Short-term on-the-job training	28,763
53-7064	Packers and Packagers, Hand	Less than high school	None	Short-term on-the-job training	21,274
53-7071	Gas Compressor and Gas Pumping Station Operators	Less than high school	None	Moderate-term on-the-job training	56,222
53-7072	Pump Operators, Except Wellhead Pumpers	Less than high school	None	Moderate-term on-the-job training	41,847
53-7081	Refuse and Recyclable Material Collectors	Less than high school	None	Short-term on-the-job training	27,228
53-7111	Mine Shuttle Car Operators	Less than high school	None	Short-term on-the-job training	53,156
53-7121	Tank Car, Truck, and Ship Loaders	Less than high school	None	Short-term on-the-job training	48,811
53-7199	Material Moving Workers, All Other	Less than high school	None	Short-term on-the-job training	42,665

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