

## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
<b>000000</b>	<b>Total, All Occupations</b>	<b>2,167,980</b>	<b>2,485,400</b>	<b>1.38</b>	<b>81,440</b>	<b>33,570</b>	<b>47,870</b>
<b>110000</b>	<b>Management Occupations</b>	<b>121,270</b>	<b>131,120</b>	<b>0.78</b>	<b>3,590</b>	<b>1,155</b>	<b>2,435</b>
<b>111000</b>	<b>Top Executives</b>	<b>35,520</b>	<b>37,720</b>	<b>0.60</b>	<b>1,085</b>	<b>220</b>	<b>865</b>
111011	Chief Executives	4,420	4,770	0.76	155	35	120
111021	General and Operations Managers	29,620	31,430	0.59	895	180	715
111031	Legislators	1,480	1,520	0.27	35	5	30
<b>112000</b>	<b>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</b>	<b>6,650</b>	<b>7,620</b>	<b>1.37</b>	<b>245</b>	<b>95</b>	<b>150</b>
112011	Advertising and Promotions Managers	550	600	0.87	15	5	10
112021	Marketing Managers	1,440	1,630	1.25	50	20	30
112022	Sales Managers	3,380	3,830	1.26	120	45	75
112031	Public Relations Managers	1,270	1,560	2.08	60	30	30
<b>113000</b>	<b>Operations Specialties Managers</b>	<b>15,710</b>	<b>17,840</b>	<b>1.28</b>	<b>555</b>	<b>215</b>	<b>340</b>
113011	Administrative Services Managers	1,680	1,930	1.40	70	25	45
113021	Computer and Information Systems Managers	2,400	2,920	1.98	90	50	40
113031	Financial Managers	5,530	6,250	1.23	150	70	80
113041	Compensation and Benefits Managers	370	420	1.28	10	5	5
113042	Training and Development Managers	240	290	1.91	10	5	5
113049	Human Resources Managers, All Other	780	890	1.33	25	10	15
113051	Industrial Production Managers	2,610	2,820	0.78	110	20	90
113061	Purchasing Managers	1,000	1,110	1.05	40	10	30
113071	Transportation, Storage, and Distribution Managers	1,110	1,230	1.03	45	10	35
<b>119000</b>	<b>Other Management Occupations</b>	<b>63,390</b>	<b>67,940</b>	<b>0.70</b>	<b>1,700</b>	<b>620</b>	<b>1,080</b>
119011	Farm, Ranch, and Other Agricultural Managers	3,210	3,340	0.40	40	15	25
119012	Farmers and Ranchers	14,090	12,420	-1.25	125	0	125
119021	Construction Managers	9,080	10,380	1.35	270	130	140
119031	Education Administrators, Preschool and Child Care	630	790	2.29	35	15	20
119032	Education Administrators, Elementary and Sec. School	***	***	1.36	120	40	80
119033	Education Administrators, Postsecondary	2,660	3,160	1.74	125	50	75
119039	Education Administrators, All Other	710	810	1.33	30	10	20
119041	Engineering Managers	2,790	3,260	1.57	100	45	55
119051	Food Service Managers	4,860	5,320	0.91	160	45	115
119061	Funeral Directors	610	660	0.79	20	5	15
119071	Gaming Managers	***	***	0.00	0	0	0
119081	Lodging Managers	950	1,160	2.02	40	20	20
119111	Medical and Health Services Managers	2,940	3,570	1.96	120	65	55
119121	Natural Sciences Managers	180	200	1.06	10	5	5
119131	Postmasters and Mail Superintendents	520	510	-0.19	10	0	10
119141	Property, Real Estate, and Community Association Managers	3,900	4,380	1.17	105	50	55
119151	Social and Community Service Managers	1,130	1,430	2.38	50	30	20
119199	Managers, All Other	12,290	13,290	0.79	345	100	245
<b>130000</b>	<b>Business and Financial Operations Occupations</b>	<b>69,860</b>	<b>82,670</b>	<b>1.70</b>	<b>2,505</b>	<b>1,285</b>	<b>1,220</b>
<b>131000</b>	<b>Business Operations Specialists</b>	<b>39,190</b>	<b>47,060</b>	<b>1.85</b>	<b>1,485</b>	<b>785</b>	<b>700</b>
131011	Agents & Business Managers of Artists, Performers, & Athletes	90	100	1.06	0	0	0
131021	Purchasing Agents and Buyers, Farm Products	***	***	-0.64	0	0	0
131022	Wholesale and Retail Buyers, Except Farm Products	1,440	1,490	0.34	35	5	30
131023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	4,970	5,270	0.59	135	30	105
131031	Claims Adjusters, Examiners, and Investigators	3,040	3,360	1.01	105	30	75
131032	Insurance Appraisers, Auto Damage	90	100	1.06	0	0	0
131041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	2,060	2,310	1.15	50	25	25
131051	Cost Estimators	2,420	3,040	2.31	110	60	50
131061	Emergency Management Specialists	380	400	0.51	5	0	5
131071	Employment, Recruitment, & Placement Specialists	1,400	1,750	2.26	65	35	30
131072	Compensation, Benefits, and Job Analysis Specialists	970	1,150	1.72	40	20	20

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131073	Training and Development Specialists	2,320	2,900	2.26	110	60	50
131079	Human Resources, Training, and Labor Relations Specialists, All Other	2,840	3,400	1.82	115	55	60
131081	Logisticians	1,270	1,650	2.65	60	40	20
131111	Management Analysts	7,180	9,370	2.70	345	220	125
131121	Meeting and Convention Planners	490	620	2.38	25	15	10
131199	Business Operations Specialists, All Other	8,090	10,020	2.16	280	195	85
<b>132000</b>	<b>Financial Specialists</b>	<b>30,670</b>	<b>35,620</b>	<b>1.51</b>	<b>1,020</b>	<b>500</b>	<b>520</b>
132011	Accountants and Auditors	15,710	18,560	1.68	560	285	275
132021	Appraisers and Assessors of Real Estate	1,520	1,750	1.42	55	25	30
132031	Budget Analysts	840	940	1.13	30	10	20
132041	Credit Analysts	560	540	-0.36	20	0	20
132051	Financial Analysts	1,300	1,620	2.23	35	30	5
132052	Personal Financial Advisors	1,780	2,450	3.25	80	65	15
132053	Insurance Underwriters	920	980	0.63	30	5	25
132061	Financial Examiners	***	***	1.22	10	5	5
132071	Loan Counselors	740	800	0.78	15	5	10
132072	Loan Officers	4,030	4,450	1.00	90	45	45
132081	Tax Examiners, Collectors, and Revenue Agents	830	930	1.14	30	10	20
132082	Tax Preparers	1,210	1,180	-0.25	20	0	20
132099	Financial Specialists, All Other	940	1,060	1.21	35	10	25
<b>150000</b>	<b>Computer and Mathematical Occupations</b>	<b>36,640</b>	<b>47,010</b>	<b>2.52</b>	<b>1,870</b>	<b>1,035</b>	<b>835</b>
<b>151000</b>	<b>Computer Specialists</b>	<b>35,560</b>	<b>45,800</b>	<b>2.56</b>	<b>1,835</b>	<b>1,025</b>	<b>810</b>
151011	Computer and Information Scientists, Research	460	550	1.80	20	10	10
151021	Computer Programmers	4,980	5,100	0.24	120	15	105
151031	Computer Software Engineers, Applications	3,670	5,420	3.98	230	175	55
151032	Computer Software Engineers, Systems Software	3,400	4,670	3.22	175	125	50
151041	Computer Support Specialists	5,250	6,340	1.90	270	110	160
151051	Computer Systems Analysts	7,820	10,270	2.76	450	245	205
151061	Database Administrators	870	1,180	3.09	40	30	10
151071	Network and Computer Systems Administrators	3,740	5,020	2.99	215	130	85
151081	Network Systems and Data Communications Analysts	2,770	4,230	4.32	200	145	55
151099	Computer Specialists, All Other	2,600	3,040	1.58	115	45	70
<b>152000</b>	<b>Mathematical Scientists</b>	<b>1,080</b>	<b>1,210</b>	<b>1.14</b>	<b>40</b>	<b>15</b>	<b>25</b>
152011	Actuaries	80	90	1.18	5	0	5
152021	Mathematicians	30	40	2.92	0	0	0
152031	Operations Research Analysts	750	840	1.14	25	10	15
152041	Statisticians	210	230	0.91	5	0	5
152099	Mathematical Science Occupations, All Other	10	10	0.00	0	0	0
<b>170000</b>	<b>Architecture and Engineering Occupations</b>	<b>43,660</b>	<b>50,470</b>	<b>1.46</b>	<b>1,650</b>	<b>680</b>	<b>970</b>
<b>171000</b>	<b>Architects, Surveyors, and Cartographers</b>	<b>2,920</b>	<b>3,440</b>	<b>1.65</b>	<b>120</b>	<b>50</b>	<b>70</b>
171011	Architects, Except Landscape and Naval	1,460	1,720	1.65	55	25	30
171012	Landscape Architects	130	160	2.10	5	0	5
171021	Cartographers and Photogrammetrists	270	310	1.39	15	5	10
171022	Surveyors	1,070	1,260	1.65	55	20	35
<b>172000</b>	<b>Engineers</b>	<b>26,760</b>	<b>31,610</b>	<b>1.68</b>	<b>1,070</b>	<b>485</b>	<b>585</b>
172011	Aerospace Engineers	3,830	4,680	2.02	160	85	75
172021	Agricultural Engineers	160	170	0.61	5	0	5
172031	Biomedical Engineers	70	80	1.34	0	0	0
172041	Chemical Engineers	690	820	1.74	35	15	20
172051	Civil Engineers	3,500	3,940	1.19	135	45	90
172061	Computer Hardware Engineers	1,140	1,370	1.85	60	25	35
172071	Electrical Engineers	3,220	3,600	1.12	115	40	75
172072	Electronics Engineers, Except Computer	1,630	1,810	1.05	60	20	40
172081	Environmental Engineers	1,060	1,310	2.14	55	25	30
172111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	290	330	1.30	10	5	5
172112	Industrial Engineers	2,300	3,140	3.16	140	85	55

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172121	Marine Engineers and Naval Architects	***	***	5.24	0	0	0
172131	Materials Engineers	530	670	2.37	25	15	10
172141	Mechanical Engineers	3,900	4,600	1.66	155	70	85
172151	Mining and Geological Engineers, Including Mining Safety Engineers	***	***	0.47	5	0	5
172161	Nuclear Engineers	***	***	0.45	5	0	5
172171	Petroleum Engineers	40	50	2.26	0	0	0
172199	Engineers, All Other	3,950	4,550	1.42	105	60	45
<b>173000</b>	<b>Drafters, Engineering, and Mapping Technicians</b>	<b>13,980</b>	<b>15,420</b>	<b>0.99</b>	<b>455</b>	<b>145</b>	<b>310</b>
173011	Architectural and Civil Drafters	1,780	1,860	0.44	55	5	50
173012	Electrical and Electronics Drafters	790	860	0.85	30	5	25
173013	Mechanical Drafters	970	1,080	1.08	40	10	30
173019	Drafters, All Other	750	850	1.26	30	10	20
173021	Aerospace Engineering and Operations Technicians	180	200	1.06	5	0	5
173022	Civil Engineering Technicians	2,300	2,390	0.38	55	10	45
173023	Electrical and Electronic Engineering Technicians	2,620	2,830	0.77	70	20	50
173024	Electro-Mechanical Technicians	150	180	1.84	10	5	5
173025	Environmental Engineering Technicians	250	290	1.50	10	5	5
173026	Industrial Engineering Technicians	610	730	1.81	20	10	10
173027	Mechanical Engineering Technicians	640	770	1.87	25	10	15
173029	Engineering Technicians, Except Drafters, All Other	1,460	1,710	1.59	55	25	30
173031	Surveying and Mapping Technicians	1,480	1,690	1.34	50	20	30
<b>190000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>12,190</b>	<b>13,930</b>	<b>1.34</b>	<b>470</b>	<b>175</b>	<b>295</b>
<b>191000</b>	<b>Life Scientists</b>	<b>1,880</b>	<b>2,090</b>	<b>1.06</b>	<b>70</b>	<b>20</b>	<b>50</b>
191011	Animal Scientists	***	***	0.00	0	0	0
191012	Food Scientists and Technologists	160	170	0.61	5	0	5
191013	Soil and Plant Scientists	120	130	0.80	5	0	5
191021	Biochemists and Biophysicists	90	100	1.06	0	0	0
191022	Microbiologists	200	230	1.41	10	5	5
191023	Zoologists and Wildlife Biologists	***	***	0.69	5	0	5
191029	Biological Scientists, All Other	140	160	1.34	5	0	5
191031	Conservation Scientists	***	***	2.26	10	5	5
191032	Foresters	550	580	0.53	20	5	15
191041	Epidemiologists	***	***	1.34	0	0	0
191042	Medical Scientists, Except Epidemiologists	***	***	1.26	5	0	5
191099	Life Scientists, All Other	***	***	0.69	5	0	5
<b>192000</b>	<b>Physical Scientists</b>	<b>2,680</b>	<b>3,020</b>	<b>1.20</b>	<b>105</b>	<b>35</b>	<b>70</b>
192011	Astronomers	***	***	0.00	0	0	0
192012	Physicists	220	250	1.29	10	5	5
192021	Atmospheric and Space Scientists	110	130	1.68	5	0	5
192031	Chemists	590	690	1.58	25	10	15
192032	Materials Scientists	40	40	0.00	0	0	0
192041	Environmental Scientists and Specialists, Inc. Health	1,260	1,400	1.06	50	15	35
192042	Geoscientists, Except Hydrologists and Geographers	230	250	0.84	10	5	5
192043	Hydrologists	30	50	5.24	0	0	0
192099	Physical Scientists, All Other	160	180	1.18	5	0	5
<b>193000</b>	<b>Social Scientists and Related Workers</b>	<b>3,890</b>	<b>4,470</b>	<b>1.40</b>	<b>115</b>	<b>60</b>	<b>55</b>
193011	Economists	180	190	0.54	5	0	5
193021	Market Research Analysts	1,570	1,820	1.49	35	25	10
193022	Survey Researchers	220	240	0.87	0	0	0
193031	Clinical, Counseling, and School Psychologists	1,020	1,230	1.89	35	20	15
193032	Industrial-Organizational Psychologists	10	10	0.00	0	0	0
193039	Psychologists, All Other	100	110	0.96	0	0	0
193041	Sociologists	120	130	0.80	0	0	0
193051	Urban and Regional Planners	340	380	1.12	15	5	10
193091	Anthropologists and Archeologists	***	***	0.00	0	0	0
193093	Historians	70	80	1.34	0	0	0
193099	Social Scientists and Related Workers, All Other	240	250	0.41	10	0	10

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<b>194000</b>	<b>Life, Physical, and Social Science Technicians</b>	<b>3,740</b>	<b>4,350</b>	<b>1.52</b>	<b>180</b>	<b>60</b>	<b>120</b>
194011	Agricultural and Food Science Technicians	***	***	1.06	20	10	10
194021	Biological Technicians	410	540	2.79	30	15	15
194031	Chemical Technicians	980	1,130	1.43	50	15	35
194041	Geological and Petroleum Technicians	***	***	1.55	0	0	0
194051	Nuclear Technicians	***	***	0.00	5	0	5
194061	Social Science Research Assistants	20	20	0.00	0	0	0
194091	Environmental Science and Protection Technicians, Including Health	280	310	1.02	10	0	10
194092	Forensic Science Technicians	150	200	2.92	10	5	5
194093	Forest and Conservation Technicians	270	290	0.72	10	0	10
194099	Life, Physical, & Social Science Technicians, All Other	780	900	1.44	40	10	30
<b>210000</b>	<b>Community and Social Services Occupations</b>	<b>31,300</b>	<b>39,240</b>	<b>2.29</b>	<b>1,325</b>	<b>795</b>	<b>530</b>
<b>211000</b>	<b>Counselors, Social Work., &amp; Soc. Ser. Specialists</b>	<b>21,170</b>	<b>26,000</b>	<b>2.08</b>	<b>860</b>	<b>485</b>	<b>375</b>
211011	Substance Abuse and Behavioral Disorder Counselors	810	1,030	2.43	35	20	15
211012	Educational, Vocational, and School Counselors	3,170	3,730	1.64	120	55	65
211013	Marriage and Family Therapists	280	370	2.83	15	10	5
211014	Mental Health Counselors	1,380	1,770	2.52	65	40	25
211015	Rehabilitation Counselors	980	1,170	1.79	40	20	20
211019	Counselors, All Other	100	140	3.42	5	5	0
211021	Child, Family, and School Social Workers	4,400	5,130	1.55	170	75	95
211022	Medical and Public Health Social Workers	1,960	2,640	3.02	110	70	40
211023	Mental Health and Substance Abuse Social Workers	1,100	1,280	1.53	45	20	25
211029	Social Workers, All Other	550	680	2.14	25	15	10
211091	Health Educators	370	520	3.46	20	15	5
211092	Probation Officers & Correctional Treatment Specialists	840	990	1.66	25	15	10
211093	Social and Human Service Assistants	4,770	5,990	2.30	175	120	55
211099	Community and Social Service Specialists, All Other	440	560	2.44	15	10	5
<b>212000</b>	<b>Religious Workers</b>	<b>10,140</b>	<b>13,240</b>	<b>2.70</b>	<b>465</b>	<b>310</b>	<b>155</b>
212011	Clergy	7,670	10,040	2.73	340	235	105
212021	Directors, Religious Activities and Education	1,930	2,500	2.62	100	55	45
212099	Religious Workers, All Other	540	710	2.77	20	15	5
<b>230000</b>	<b>Legal Occupations</b>	<b>13,790</b>	<b>16,210</b>	<b>1.63</b>	<b>480</b>	<b>240</b>	<b>240</b>
<b>231000</b>	<b>Lawyers, Judges, and Related Workers</b>	<b>8,860</b>	<b>10,230</b>	<b>1.45</b>	<b>305</b>	<b>135</b>	<b>170</b>
231011	Lawyers	8,180	9,460	1.46	285	130	155
231021	Admin. Law Judges, Adjudicators, & Hearing Officers	100	110	0.96	0	0	0
231022	Arbitrators, Mediators, and Conciliators	50	50	0.00	0	0	0
231023	Judges, Magistrate Judges, and Magistrates	530	600	1.25	20	10	10
<b>232000</b>	<b>Legal Support Workers</b>	<b>4,930</b>	<b>5,980</b>	<b>1.95</b>	<b>180</b>	<b>105</b>	<b>75</b>
232011	Paralegals and Legal Assistants	2,700	3,490	2.60	115	80	35
232091	Court Reporters	240	350	3.85	15	10	5
232092	Law Clerks	380	400	0.51	5	0	5
232093	Title Examiners, Abstractors, and Searchers	930	980	0.53	20	5	15
232099	Legal Support Workers, All Other	680	760	1.12	20	10	10
<b>250000</b>	<b>Education, Training, and Library Occupations</b>	<b>112,400</b>	<b>133,740</b>	<b>1.75</b>	<b>4,350</b>	<b>2,135</b>	<b>2,215</b>
<b>251000</b>	<b>Postsecondary Teachers</b>	<b>17,400</b>	<b>22,430</b>	<b>2.57</b>	<b>790</b>	<b>500</b>	<b>290</b>
251011	Business Teachers, Postsecondary	980	1,250	2.46	45	30	15
251021	Computer Science Teachers, Postsecondary	540	690	2.48	25	15	10
251022	Mathematical Science Teachers, Postsecondary	870	1,110	2.47	40	25	15
251031	Architecture Teachers, Postsecondary	120	150	2.26	5	5	0
251032	Engineering Teachers, Postsecondary	800	1,030	2.56	40	25	15
251041	Agricultural Sciences Teachers, Postsecondary	***	***	2.62	15	10	5
251042	Biological Science Teachers, Postsecondary	870	1,170	3.01	45	30	15
251043	Forestry and Conservation Science Teachers, Postsecondary	100	130	2.66	5	5	0
251051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	100	120	1.84	5	5	0

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251052	Chemistry Teachers, Postsecondary	270	340	2.33	15	10	5
251053	Environmental Science Teachers, Postsecondary	***	***	0.00	0	0	0
251054	Physics Teachers, Postsecondary	180	230	2.48	10	5	5
251061	Anthropology and Archeology Teachers, Postsecondary	***	***	7.18	0	0	0
251062	Area, Ethnic, & Cultural Studies Teachers, Postsec.	20	30	4.14	0	0	0
251063	Economics Teachers, Postsecondary	230	290	2.35	10	5	5
251064	Geography Teachers, Postsecondary	70	80	1.34	0	0	0
251065	Political Science Teachers, Postsecondary	140	190	3.10	5	5	0
251066	Psychology Teachers, Postsecondary	430	560	2.68	15	10	5
251067	Sociology Teachers, Postsecondary	230	300	2.69	10	5	5
251069	Social Sciences Teachers, Postsecondary, All Other	20	30	4.14	0	0	0
251071	Health Specialties Teachers, Postsecondary	1,230	1,570	2.47	55	35	20
251072	Nursing Instructors and Teachers, Postsecondary	770	980	2.44	35	20	15
251081	Education Teachers, Postsecondary	730	940	2.56	30	20	10
251082	Library Science Teachers, Postsecondary	110	140	2.44	5	5	0
251111	Criminal Justice & Law Enforcement Teachers, Postsec.	120	160	2.92	5	5	0
251112	Law Teachers, Postsecondary	100	130	2.66	5	5	0
251113	Social Work Teachers, Postsecondary	80	110	3.24	0	0	0
251121	Art, Drama, and Music Teachers, Postsecondary	710	910	2.51	30	20	10
251122	Communications Teachers, Postsecondary	320	400	2.26	15	10	5
251123	English Language and Lit. Teachers, Postsec.	1,260	1,610	2.48	55	35	20
251124	Foreign Language & Literature Teachers, Postsecondary	310	400	2.58	15	10	5
251125	History Teachers, Postsecondary	490	630	2.54	25	15	10
251126	Philosophy and Religion Teachers, Postsecondary	190	250	2.78	10	5	5
251191	Graduate Teaching Assistants	***	***	3.07	10	5	5
251192	Home Economics Teachers, Postsecondary	110	140	2.44	5	5	0
251193	Recreation and Fitness Studies Teachers, Postsecondary	290	370	2.47	15	10	5
251194	Vocational Education Teachers, Postsecondary	1,980	2,610	2.80	100	65	35
251199	Postsecondary Teachers, All Other	2,010	2,590	2.57	95	60	35
<b>252000</b>	<b>Primary, Secondary, and Special Education School Teachers</b>	<b>55,800</b>	<b>66,310</b>	<b>1.74</b>	<b>2,340</b>	<b>1,050</b>	<b>1,290</b>
252011	Preschool Teachers, Except Special Education	4,560	5,820	2.47	200	125	75
252012	Kindergarten Teachers, Except Special Education	2,930	3,620	2.14	120	70	50
252021	Elementary School Teachers, Except Special Education	19,440	23,530	1.93	835	410	425
252022	Middle School Teachers, Except Special and Voc. Ed.	10,100	11,980	1.72	405	185	220
252023	Vocational Education Teachers, Middle School	170	180	0.57	5	0	5
252031	Secondary School Teachers, Except Special and Vocational Education	12,420	13,970	1.18	525	155	370
252032	Vocational Education Teachers, Secondary School	1,630	1,650	0.12	50	0	50
252041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	2,180	2,740	2.31	105	55	50
252042	Special Education Teachers, Middle School	1,090	1,360	2.24	50	25	25
252043	Special Education Teachers, Secondary School	1,280	1,470	1.39	50	20	30
<b>253000</b>	<b>Other Teachers and Instructors</b>	<b>12,930</b>	<b>15,010</b>	<b>1.50</b>	<b>350</b>	<b>210</b>	<b>140</b>
253011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	1,480	1,720	1.51	40	25	15
253021	Self-Enrichment Education Teachers	3,860	4,490	1.52	105	65	40
253099	Teachers and Instructors, All Other	7,590	8,810	1.50	200	120	80
<b>254000</b>	<b>Librarians, Curators, and Archivists</b>	<b>3,930</b>	<b>4,340</b>	<b>1.00</b>	<b>180</b>	<b>40</b>	<b>140</b>
254011	Archivists	70	80	1.34	5	0	5
254012	Curators	180	210	1.55	15	5	10
254013	Museum Technicians and Conservators	70	90	2.54	5	0	5
254021	Librarians	2,350	2,550	0.82	85	20	65
254031	Library Technicians	1,260	1,420	1.20	75	15	60

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
<b>259000</b>	<b>Other Education, Training, and Library Occ.</b>	<b>22,340</b>	<b>25,650</b>	<b>1.39</b>	<b>685</b>	<b>330</b>	<b>355</b>
259011	Audio-Visual Collections Specialists	60	60	0.00	0	0	0
259021	Farm and Home Management Advisors	1,010	1,030	0.20	15	0	15
259031	Instructional Coordinators	1,300	1,640	2.35	55	35	20
259041	Teacher Assistants	18,230	20,900	1.38	560	265	295
259099	Education, Training, and Library Workers, All Other	1,740	2,030	1.55	55	30	25
<b>270000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>26,760</b>	<b>30,140</b>	<b>1.20</b>	<b>1,000</b>	<b>345</b>	<b>655</b>
<b>271000</b>	<b>Art and Design Workers</b>	<b>8,670</b>	<b>9,570</b>	<b>0.99</b>	<b>315</b>	<b>90</b>	<b>225</b>
271011	Art Directors	530	580	0.91	15	5	10
271012	Craft Artists	200	220	0.96	5	0	5
271013	Fine Artists, Including Painters, Sculptors, and Illustrators	430	470	0.89	15	5	10
271014	Multi-Media Artists and Animators	510	560	0.94	15	5	10
271019	Artists and Related Workers, All Other	220	240	0.87	5	0	5
271021	Commercial and Industrial Designers	350	370	0.56	10	0	10
271022	Fashion Designers	130	130	0.00	5	0	5
271023	Floral Designers	1,710	1,850	0.79	60	15	45
271024	Graphic Designers	2,490	2,740	0.96	90	25	65
271025	Interior Designers	650	740	1.31	25	10	15
271026	Merchandise Displayers and Window Trimmers	1,340	1,540	1.40	55	20	35
271027	Set and Exhibit Designers	***	***	2.92	0	0	0
271029	Designers, All Other	80	100	2.26	0	0	0
<b>272000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	<b>6,660</b>	<b>7,860</b>	<b>1.67</b>	<b>290</b>	<b>120</b>	<b>170</b>
272011	Actors	420	480	1.34	15	5	10
272012	Producers and Directors	690	780	1.23	30	10	20
272021	Athletes and Sports Competitors	***	***	2.03	10	5	5
272022	Coaches and Scouts	2,960	3,470	1.60	125	50	75
272023	Umpires, Referees, and Other Sports Officials	***	***	2.54	0	0	0
272031	Dancers	90	110	2.03	5	0	5
272032	Choreographers	160	170	0.61	10	0	10
272041	Music Directors and Composers	1,000	1,260	2.34	45	25	20
272042	Musicians and Singers	890	1,050	1.67	35	15	20
272099	Entertainers & Performers, Sports Workers, All Other	210	240	1.34	10	5	5
<b>273000</b>	<b>Media and Communication Workers</b>	<b>8,010</b>	<b>8,930</b>	<b>1.09</b>	<b>270</b>	<b>95</b>	<b>175</b>
273011	Radio and Television Announcers	1,020	990	-0.30	35	0	35
273012	Public Address System and Other Announcers	100	100	0.00	5	0	5
273021	Broadcast News Analysts	120	120	0.00	5	0	5
273022	Reporters and Correspondents	950	1,030	0.81	40	10	30
273031	Public Relations Specialists	2,260	2,700	1.79	60	45	15
273041	Editors	1,170	1,240	0.58	45	10	35
273042	Technical Writers	640	810	2.38	35	15	20
273043	Writers and Authors	1,510	1,630	0.77	40	15	25
273091	Interpreters and Translators	140	170	1.96	10	5	5
273099	Media and Communication Workers, All Other	120	140	1.55	5	0	5
<b>274000</b>	<b>Media and Communication Equipment Workers</b>	<b>3,420</b>	<b>3,780</b>	<b>1.01</b>	<b>125</b>	<b>40</b>	<b>85</b>
274011	Audio and Video Equipment Technicians	350	440	2.31	20	10	10
274012	Broadcast Technicians	440	480	0.87	20	5	15
274013	Radio Operators	***	***	-1.05	5	0	5
274014	Sound Engineering Technicians	70	80	1.34	0	0	0
274021	Photographers	1,970	2,160	0.92	65	20	45
274031	Camera Operators, Television, Video, & Motion Picture	270	300	1.06	5	0	5
274032	Film and Video Editors	130	160	2.10	5	0	5
274099	Media & Communication Equipment Workers, All Other	80	90	1.18	0	0	0

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
<b>290000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>116,810</b>	<b>145,690</b>	<b>2.23</b>	<b>5,145</b>	<b>2,890</b>	<b>2,255</b>
<b>291000</b>	<b>Health Diagnosing and Treating Practitioners</b>	<b>68,620</b>	<b>86,260</b>	<b>2.31</b>	<b>2,905</b>	<b>1,765</b>	<b>1,140</b>
291011	Chiropractors	730	870	1.77	25	15	10
291021	Dentists, General	1,810	2,010	1.05	55	20	35
291022	Oral and Maxillofacial Surgeons	80	90	1.18	0	0	0
291023	Orthodontists	100	110	0.96	0	0	0
291029	Dentists, All Other Specialists	70	80	1.34	0	0	0
291031	Dietitians and Nutritionists	720	820	1.31	30	10	20
291041	Optometrists	510	590	1.47	20	10	10
291051	Pharmacists	4,380	5,430	2.17	180	105	75
291061	Anesthesiologists	760	950	2.26	35	20	15
291062	Family and General Practitioners	1,180	1,400	1.72	40	20	20
291063	Internists, General	1,000	1,160	1.50	35	15	20
291064	Obstetricians and Gynecologists	500	620	2.17	20	10	10
291065	Pediatricians, General	690	830	1.86	30	15	15
291066	Psychiatrists	200	240	1.84	10	5	5
291067	Surgeons	1,080	1,280	1.71	40	20	20
291069	Physicians and Surgeons, All Other	3,080	3,770	2.04	125	70	55
291071	Physician Assistants	550	780	3.56	35	25	10
291081	Podiatrists	160	170	0.61	5	0	5
291111	Registered Nurses	40,320	51,850	2.55	1,820	1,155	665
291121	Audiologists	180	200	1.06	0	0	0
291122	Occupational Therapists	920	1,200	2.69	40	25	15
291123	Physical Therapists	1,930	2,600	3.02	90	65	25
291124	Radiation Therapists	200	260	2.66	10	5	5
291125	Recreational Therapists	380	430	1.24	10	5	5
291126	Respiratory Therapists	1,620	2,010	2.18	65	40	25
291127	Speech-Language Pathologists	930	1,080	1.51	35	15	20
291129	Therapists, All Other	2,430	2,910	1.82	80	50	30
291131	Veterinarians	1,240	1,540	2.19	55	30	25
291199	Health Diagnosing & Treating Practitioners, All Other	870	1,000	1.40	30	15	15
<b>292000</b>	<b>Health Technologists and Technicians</b>	<b>46,490</b>	<b>57,420</b>	<b>2.13</b>	<b>2,180</b>	<b>1,095</b>	<b>1,085</b>
292011	Medical and Clinical Laboratory Technologists	2,320	2,680	1.45	70	35	35
292012	Medical and Clinical Laboratory Technicians	2,430	2,910	1.82	85	50	35
292021	Dental Hygienists	2,860	3,970	3.33	165	110	55
292031	Cardiovascular Technologists and Technicians	870	1,130	2.65	35	25	10
292032	Diagnostic Medical Sonographers	780	970	2.20	30	20	10
292033	Nuclear Medicine Technologists	390	490	2.31	15	10	5
292034	Radiologic Technologists and Technicians	3,320	3,970	1.80	110	65	45
292041	Emergency Medical Technicians and Paramedics	3,010	3,810	2.38	115	80	35
292051	Dietetic Technicians	470	530	1.21	20	5	15
292052	Pharmacy Technicians	5,820	7,780	2.95	375	195	180
292053	Psychiatric Technicians	680	800	1.64	30	10	20
292054	Respiratory Therapy Technicians	590	600	0.17	20	0	20
292055	Surgical Technologists	1,530	1,950	2.46	85	40	45
292056	Veterinary Technologists and Technicians	940	1,430	4.28	80	50	30
292061	Licensed Practical and Licensed Vocational Nurses	15,480	18,280	1.68	700	280	420
292071	Medical Records and Health Information Technicians	3,130	3,880	2.17	160	75	85
292081	Opticians, Dispensing	940	1,140	1.95	50	20	30
292091	Orthotists and Prosthetists	80	90	1.18	0	0	0
292099	Health Technologists and Technicians, All Other	850	1,010	1.74	20	15	5
<b>299000</b>	<b>Other Healthcare Practitioners &amp; Technical Occ.</b>	<b>1,700</b>	<b>2,010</b>	<b>1.69</b>	<b>60</b>	<b>30</b>	<b>30</b>
299011	Occupational Health and Safety Specialists	830	960	1.47	30	15	15
299012	Occupational Health and Safety Technicians	110	110	0.00	0	0	0
299091	Athletic Trainers	150	200	2.92	10	5	5
299099	Healthcare Practitioners & Technical Workers, All Other	620	750	1.92	25	15	10

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
<b>310000</b>	<b>Healthcare Support Occupations</b>	<b>50,670</b>	<b>65,680</b>	<b>2.63</b>	<b>2,040</b>	<b>1,510</b>	<b>530</b>
<b>311000</b>	<b>Nursing, Psychiatric, and Home Health Aides</b>	<b>32,650</b>	<b>41,920</b>	<b>2.53</b>	<b>1,220</b>	<b>930</b>	<b>290</b>
311011	Home Health Aides	9,590	14,210	4.01	545	460	85
311012	Nursing Aides, Orderlies, and Attendants	21,900	26,320	1.86	635	440	195
311013	Psychiatric Aides	1,150	1,390	1.91	35	25	10
<b>312000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>2,050</b>	<b>2,860</b>	<b>3.39</b>	<b>105</b>	<b>80</b>	<b>25</b>
312011	Occupational Therapist Assistants	210	310	3.97	15	10	5
312012	Occupational Therapist Aides	30	40	2.92	0	0	0
312021	Physical Therapist Assistants	1,220	1,720	3.49	65	50	15
312022	Physical Therapist Aides	590	790	2.96	30	20	10
<b>319000</b>	<b>Other Healthcare Support Occupations</b>	<b>15,970</b>	<b>20,900</b>	<b>2.73</b>	<b>710</b>	<b>500</b>	<b>210</b>
319011	Massage Therapists	790	870	0.97	20	10	10
319091	Dental Assistants	2,850	3,950	3.32	160	110	50
319092	Medical Assistants	5,230	7,750	4.01	315	250	65
319093	Medical Equipment Preparers	920	1,080	1.62	25	15	10
319094	Medical Transcriptionists	1,800	2,190	1.98	60	40	20
319095	Pharmacy Aides	830	750	-1.01	10	0	10
319096	Veterinary Assistants and Laboratory Animal Caretakers	1,500	1,870	2.23	55	35	20
319099	Healthcare Support Workers, All Other	2,050	2,440	1.76	65	40	25
<b>330000</b>	<b>Protective Service Occupations</b>	<b>44,890</b>	<b>52,600</b>	<b>1.60</b>	<b>1,975</b>	<b>770</b>	<b>1,205</b>
<b>331000</b>	<b>First-Line Supervisors/Managers, Protective Service Workers</b>	<b>2,460</b>	<b>2,840</b>	<b>1.45</b>	<b>105</b>	<b>40</b>	<b>65</b>
331011	First-Line Supervisors/Managers of Correctional Officers	410	480	1.59	15	5	10
331012	First-Line Supervisors/Mgr. of Police and Detectives	900	1,020	1.26	40	10	30
331021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	550	630	1.37	25	10	15
331099	First-Line Supervisors/Managers, Protective Service Workers, All Other	610	720	1.67	20	10	10
<b>332000</b>	<b>Fire Fighting and Prevention Workers</b>	<b>5,290</b>	<b>6,030</b>	<b>1.32</b>	<b>260</b>	<b>75</b>	<b>185</b>
332011	Fire Fighters	4,870	5,550	1.32	245	70	175
332021	Fire Inspectors and Investigators	340	390	1.38	15	5	10
332022	Forest Fire Inspectors and Prevention Specialists	***	***	1.18	0	0	0
<b>333000</b>	<b>Law Enforcement Workers</b>	<b>18,000</b>	<b>21,200</b>	<b>1.65</b>	<b>770</b>	<b>320</b>	<b>450</b>
333011	Bailiffs	230	270	1.62	10	5	5
333012	Correctional Officers and Jailers	6,220	7,680	2.13	285	145	140
333021	Detectives and Criminal Investigators	1,330	1,670	2.30	65	35	30
333031	Fish and Game Wardens	290	300	0.34	5	0	5
333041	Parking Enforcement Workers	60	70	1.55	0	0	0
333051	Police and Sheriff's Patrol Officers	9,860	11,200	1.28	400	135	265
333052	Transit and Railroad Police	***	***	0.00	0	0	0
<b>339000</b>	<b>Other Protective Service Workers</b>	<b>19,140</b>	<b>22,520</b>	<b>1.64</b>	<b>845</b>	<b>340</b>	<b>505</b>
339011	Animal Control Workers	260	290	1.10	10	5	5
339021	Private Detectives and Investigators	790	960	1.97	30	15	15
339031	Gaming Surveillance Officers and Gaming Investigators	240	280	1.55	10	5	5
339032	Security Guards	15,030	17,640	1.61	565	260	305
339091	Crossing Guards	770	790	0.26	20	0	20
339092	Lifeguards, Ski Patrol, & Rec. Protective Ser. Work.	1,130	1,430	2.38	115	30	85
339099	Protective Service Workers, All Other	920	1,140	2.17	90	20	70
<b>350000</b>	<b>Food Preparation and Serving Related Occ.</b>	<b>157,030</b>	<b>189,240</b>	<b>1.88</b>	<b>8,115</b>	<b>3,220</b>	<b>4,895</b>
<b>351000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>15,810</b>	<b>18,600</b>	<b>1.64</b>	<b>405</b>	<b>280</b>	<b>125</b>
351011	Chefs and Head Cooks	870	1,010	1.50	25	15	10
351012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	14,950	17,580	1.63	375	265	110
<b>352000</b>	<b>Cooks and Food Preparation Workers</b>	<b>44,380</b>	<b>52,000</b>	<b>1.60</b>	<b>2,045</b>	<b>765</b>	<b>1,280</b>

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
352011	Cooks, Fast Food	10,480	11,800	1.19	415	130	285
352012	Cooks, Institution and Cafeteria	9,520	10,570	1.05	365	105	260
352013	Cooks, Private Household	100	100	0.00	5	0	5
352014	Cooks, Restaurant	10,520	13,050	2.18	540	255	285
352015	Cooks, Short Order	3,060	3,490	1.32	130	45	85
352019	Cooks, All Other	***	***	1.06	10	5	5
352021	Food Preparation Workers	10,440	12,700	1.98	585	225	360
<b>353000</b>	<b>Food and Beverage Serving Workers</b>	<b>83,900</b>	<b>102,970</b>	<b>2.07</b>	<b>4,750</b>	<b>1,905</b>	<b>2,845</b>
353011	Bartenders	3,140	3,870	2.11	190	75	115
353021	Combined Food Preparation and Serving Workers Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	46,230	57,130	2.14	1,965	1,090	875
353022	Waiters and Waitresses	28,900	35,370	2.04	2,215	645	1,570
353041	Food Servers, Nonrestaurant	1,920	2,290	1.78	65	35	30
<b>359000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>12,940</b>	<b>15,680</b>	<b>1.94</b>	<b>920</b>	<b>275</b>	<b>645</b>
359011	Dining Room & Cafeteria Attendants & Bartender Helpers	2,830	3,460	2.03	180	60	120
359021	Dishwashers	5,760	7,000	1.97	360	125	235
359031	Hosts and Hostesses, Rest., Lounge, & Coffee Shop	4,040	4,890	1.93	360	85	275
359099	Food Preparation & Serving Related Workers, All Other	300	340	1.26	20	5	15
<b>370000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>73,670</b>	<b>87,160</b>	<b>1.70</b>	<b>2,640</b>	<b>1,350</b>	<b>1,290</b>
<b>371000</b>	<b>Supervisors, Building and Grounds Cleaning and Maintenance Workers</b>	<b>5,320</b>	<b>6,250</b>	<b>1.62</b>	<b>155</b>	<b>95</b>	<b>60</b>
371011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	2,840	3,340	1.63	90	50	40
371012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	2,480	2,910	1.61	60	45	15
<b>372000</b>	<b>Building Cleaning and Pest Control Workers</b>	<b>55,280</b>	<b>66,150</b>	<b>1.81</b>	<b>2,140</b>	<b>1,085</b>	<b>1,055</b>
372011	Janitors and Cleaners, Except Maids & Housekeeping	33,260	39,960	1.85	1,305	670	635
372012	Maids and Housekeeping Cleaners	20,730	24,740	1.78	790	400	390
372019	Building Cleaning Workers, All Other	390	430	0.98	15	5	10
372021	Pest Control Workers	900	1,020	1.26	30	10	20
<b>373000</b>	<b>Grounds Maintenance Workers</b>	<b>13,070</b>	<b>14,760</b>	<b>1.22</b>	<b>345</b>	<b>170</b>	<b>175</b>
373011	Landscaping and Groundskeeping Workers	11,420	12,980	1.29	305	155	150
373012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	440	470	0.66	10	5	5
373013	Tree Trimmers and Pruners	940	960	0.21	15	5	10
373019	Grounds Maintenance Workers, All Other	280	350	2.26	10	5	5
<b>390000</b>	<b>Personal Care and Service Occupations</b>	<b>51,060</b>	<b>62,140</b>	<b>1.98</b>	<b>2,350</b>	<b>1,110</b>	<b>1,240</b>
<b>391000</b>	<b>Supervisors, Personal Care and Service Workers</b>	<b>3,180</b>	<b>3,780</b>	<b>1.74</b>	<b>130</b>	<b>60</b>	<b>70</b>
391011	Gaming Supervisors	100	120	1.84	0	0	0
391012	Slot Key Persons	***	***	0.00	0	0	0
391021	First-Line Supv./Mgr. of Personal Service Workers	3,030	3,620	1.80	125	60	65
<b>392000</b>	<b>Animal Care and Service Workers</b>	<b>1,710</b>	<b>2,040</b>	<b>1.78</b>	<b>65</b>	<b>35</b>	<b>30</b>
392011	Animal Trainers	60	60	0.00	0	0	0
392021	Nonfarm Animal Caretakers	1,650	1,980	1.84	60	35	25
<b>393000</b>	<b>Entertainment Attendants and Related Workers</b>	<b>5,530</b>	<b>6,970</b>	<b>2.34</b>	<b>420</b>	<b>145</b>	<b>275</b>
393012	Gaming and Sports Book Writers and Runners	160	210	2.76	10	5	5
393019	Gaming Service Workers, All Other	170	200	1.64	10	5	5
393021	Motion Picture Projectionists	***	***	0.00	5	0	5
393031	Ushers, Lobby Attendants, and Ticket Takers	660	790	1.81	55	10	45
393091	Amusement and Recreation Attendants	3,180	4,070	2.50	245	90	155
393092	Costume Attendants	***	***	1.34	5	0	5
393093	Locker Room, Coatroom, & Dressing Room Attendants	210	270	2.54	15	5	10

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
393099	Entertainment Attendants & Related Workers, All Other	***	***	2.67	75	30	45
<b>394000</b>	<b>Funeral Service Workers</b>	<b>790</b>	<b>870</b>	<b>0.97</b>	<b>30</b>	<b>10</b>	<b>20</b>
394011	Embalmers	200	220	0.96	5	0	5
394021	Funeral Attendants	590	650	0.97	20	5	15
<b>395000</b>	<b>Personal Appearance Workers</b>	<b>11,310</b>	<b>12,500</b>	<b>1.01</b>	<b>255</b>	<b>120</b>	<b>135</b>
395011	Barbers	640	680	0.61	15	5	10
395012	Hairdressers, Hairstylists, and Cosmetologists	9,090	9,950	0.91	195	85	110
395091	Makeup Artists, Theatrical and Performance	***	***	0.00	0	0	0
395092	Manicurists and Pedicurists	660	790	1.81	20	15	5
395093	Shampooers	600	680	1.26	10	5	5
395094	Skin Care Specialists	290	390	3.01	15	10	5
<b>396000</b>	<b>Transportation, Tourism, and Lodging Attendants</b>	<b>450</b>	<b>520</b>	<b>1.46</b>	<b>20</b>	<b>10</b>	<b>10</b>
396011	Baggage Porters and Bellhops	210	240	1.34	10	5	5
396012	Concierges	70	80	1.34	0	0	0
396021	Tour Guides and Escorts	***	***	2.26	10	5	5
<b>399000</b>	<b>Other Personal Care and Service Workers</b>	<b>28,100</b>	<b>35,450</b>	<b>2.35</b>	<b>1,440</b>	<b>735</b>	<b>705</b>
399011	Child Care Workers	17,740	22,430	2.37	980	470	510
399021	Personal and Home Care Aides	2,900	3,880	2.95	150	100	50
399031	Fitness Trainers and Aerobics Instructors	2,750	3,790	3.26	155	105	50
399032	Recreation Workers	3,570	4,140	1.49	120	55	65
399041	Residential Advisors	410	500	2.00	20	10	10
399099	Personal Care and Service Workers, All Other	730	710	-0.28	15	0	15
<b>410000</b>	<b>Sales and Related Occupations</b>	<b>226,660</b>	<b>257,090</b>	<b>1.27</b>	<b>10,070</b>	<b>3,055</b>	<b>7,015</b>
<b>411000</b>	<b>Supervisors, Sales Workers</b>	<b>40,090</b>	<b>44,430</b>	<b>1.03</b>	<b>1,225</b>	<b>435</b>	<b>790</b>
411011	First-Line Supervisors/Managers of Retail Sales Workers	32,680	36,460	1.10	1,065	380	685
411012	First-Line Supervisors/Mgr. of Non-Retail Sales Workers	7,400	7,970	0.74	160	55	105
<b>412000</b>	<b>Retail Sales Workers</b>	<b>134,240</b>	<b>154,280</b>	<b>1.40</b>	<b>7,080</b>	<b>2,005</b>	<b>5,075</b>
412011	Cashiers	57,690	61,310	0.61	3,105	360	2,745
412012	Gaming Change Persons and Booth Cashiers	240	230	-0.42	10	0	10
412021	Counter and Rental Clerks	9,010	11,440	2.42	590	245	345
412022	Parts Salespersons	4,970	5,120	0.30	70	15	55
412031	Retail Salespersons	62,340	76,190	2.03	3,305	1,385	1,920
<b>413000</b>	<b>Sales Representatives, Services</b>	<b>14,090</b>	<b>16,670</b>	<b>1.70</b>	<b>560</b>	<b>260</b>	<b>300</b>
413011	Advertising Sales Agents	2,440	2,980	2.02	100	55	45
413021	Insurance Sales Agents	5,830	6,300	0.78	170	45	125
413031	Securities, Commodities, and Financial Services Sales Agents	1,760	2,180	2.16	85	40	45
413041	Travel Agents	500	490	-0.20	5	0	5
413099	Sales Representatives, Services, All Other	3,570	4,720	2.83	200	115	85
<b>414000</b>	<b>Sales Representatives, Wholesale and Mfg.</b>	<b>24,840</b>	<b>27,630</b>	<b>1.07</b>	<b>830</b>	<b>280</b>	<b>550</b>
414011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,770	4,110	0.87	120	35	85
414012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	21,070	23,520	1.11	710	245	465
<b>419000</b>	<b>Other Sales and Related Workers</b>	<b>13,400</b>	<b>14,080</b>	<b>0.50</b>	<b>375</b>	<b>75</b>	<b>300</b>
419011	Demonstrators and Product Promoters	740	850	1.40	30	10	20
419021	Real Estate Brokers	1,120	1,230	0.94	30	10	20
419022	Real Estate Sales Agents	4,030	4,410	0.91	105	40	65
419031	Sales Engineers	580	630	0.83	20	5	15
419041	Telemarketers	4,330	4,250	-0.19	150	0	150
419091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	1,040	1,120	0.74	20	5	15
419099	Sales and Related Workers, All Other	1,550	1,600	0.32	20	5	15
<b>430000</b>	<b>Office and Administrative Support Occupations</b>	<b>329,220</b>	<b>363,690</b>	<b>1.00</b>	<b>10,825</b>	<b>3,895</b>	<b>6,930</b>
<b>431000</b>	<b>Supervisors, Office and Adm. Support Workers</b>	<b>25,150</b>	<b>27,610</b>	<b>0.94</b>	<b>765</b>	<b>245</b>	<b>520</b>

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## Alabama Occupational Projections 2006-2016

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		2006	2016		Total	Growth	Replacement
431011	First-Line Supervisors/Mgrs. of Office & Adm. Support	25,150	27,610	0.94	765	245	520
<b>432000</b>	<b>Communications Equipment Operators</b>	<b>3,620</b>	<b>3,360</b>	<b>-0.74</b>	<b>70</b>	<b>0</b>	<b>70</b>
432011	Switchboard Operators, Including Answering Service	2,930	2,860	-0.24	60	0	60
432021	Telephone Operators	620	410	-4.05	10	0	10
432099	Communications Equipment Operators, All Other	***	***	3.63	0	0	0
<b>433000</b>	<b>Financial Clerks</b>	<b>60,660</b>	<b>71,260</b>	<b>1.62</b>	<b>2,305</b>	<b>1,060</b>	<b>1,245</b>
433011	Bill and Account Collectors	6,590	8,790	2.92	320	220	100
433021	Billing and Posting Clerks and Machine Operators	7,550	8,210	0.84	160	65	95
433031	Bookkeeping, Accounting, and Auditing Clerks	31,730	37,770	1.76	1,100	605	495
433041	Gaming Cage Workers	30	30	0.00	0	0	0
433051	Payroll and Timekeeping Clerks	3,410	3,630	0.63	105	20	85
433061	Procurement Clerks	1,220	1,280	0.48	30	5	25
433071	Tellers	10,130	11,530	1.30	585	140	445
<b>434000</b>	<b>Information and Record Clerks</b>	<b>65,400</b>	<b>74,290</b>	<b>1.28</b>	<b>2,785</b>	<b>1,140</b>	<b>1,645</b>
434011	Brokerage Clerks	560	640	1.34	30	10	20
434021	Correspondence Clerks	150	170	1.26	5	0	5
434031	Court, Municipal, and License Clerks	1,290	1,460	1.25	45	15	30
434041	Credit Authorizers, Checkers, and Clerks	860	750	-1.36	25	0	25
434051	Customer Service Representatives	22,790	28,770	2.36	1,235	600	635
434061	Eligibility Interviewers, Government Programs	1,580	1,840	1.54	55	25	30
434071	File Clerks	2,720	1,770	-4.21	70	0	70
434081	Hotel, Motel, and Resort Desk Clerks	3,160	3,940	2.23	210	80	130
434111	Interviewers, Except Eligibility and Loan	3,350	3,810	1.30	135	45	90
434121	Library Assistants, Clerical	1,020	1,140	1.12	45	15	30
434131	Loan Interviewers and Clerks	3,270	3,050	-0.69	55	0	55
434141	New Accounts Clerks	830	700	-1.69	25	0	25
434151	Order Clerks	3,280	2,460	-2.84	70	0	70
434161	Human Resources Assistants, Except Payroll and Timekeeping	2,290	2,660	1.51	55	40	15
434171	Receptionists and Information Clerks	14,190	17,360	2.04	660	315	345
434181	Reservation & Tran. Ticket Agents & Travel Clerks	***	***	-1.48	20	0	20
434199	Information and Record Clerks, All Other	***	***	-0.52	50	0	50
<b>435000</b>	<b>Material Recording, Scheduling, Dispatching, and Distributing Workers</b>	<b>55,060</b>	<b>55,910</b>	<b>0.15</b>	<b>1,515</b>	<b>165</b>	<b>1,350</b>
435011	Cargo and Freight Agents	360	410	1.31	15	5	10
435021	Couriers and Messengers	2,320	2,450	0.55	80	15	65
435031	Police, Fire, and Ambulance Dispatchers	2,340	2,710	1.48	95	35	60
435032	Dispatchers, Except Police, Fire, and Ambulance	2,190	2,290	0.45	65	10	55
435041	Meter Readers, Utilities	1,160	1,060	-0.90	35	0	35
435051	Postal Service Clerks	1,110	1,120	0.09	25	0	25
435052	Postal Service Mail Carriers	5,130	5,180	0.10	155	5	150
435053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,990	1,830	-0.83	20	0	20
435061	Production, Planning, and Expediting Clerks	3,350	3,650	0.86	120	30	90
435071	Shipping, Receiving, and Traffic Clerks	9,010	9,640	0.68	275	60	215
435081	Stock Clerks and Order Fillers	25,360	24,950	-0.16	600	0	600
435111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	760	640	-1.70	20	0	20
<b>436000</b>	<b>Secretaries and Administrative Assistants</b>	<b>57,850</b>	<b>63,530</b>	<b>0.94</b>	<b>1,490</b>	<b>570</b>	<b>920</b>
436011	Executive Secretaries and Administrative Assistants	9,510	11,210	1.66	320	170	150
436012	Legal Secretaries	4,040	4,830	1.80	145	80	65
436013	Medical Secretaries	3,350	4,150	2.16	135	80	55
436014	Secretaries, Except Legal, Medical, and Executive	40,940	43,330	0.57	890	240	650
<b>439000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>61,480</b>	<b>67,740</b>	<b>0.97</b>	<b>1,895</b>	<b>715</b>	<b>1,180</b>
439011	Computer Operators	1,950	1,470	-2.79	30	0	30
439021	Data Entry Keyers	3,260	3,150	-0.34	80	0	80
439022	Word Processors and Typists	1,910	1,920	0.05	35	0	35
439031	Desktop Publishers	830	930	1.14	25	10	15

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439041	Insurance Claims and Policy Processing Clerks	2,740	2,630	-0.41	35	0	35
439051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,640	1,490	-0.95	45	0	45
439061	Office Clerks, General	41,770	48,650	1.54	1,455	690	765
439071	Office Machine Operators, Except Computer	***	***	-0.70	25	0	25
439081	Proofreaders and Copy Markers	220	250	1.29	10	5	5
439111	Statistical Assistants	40	50	2.26	0	0	0
439199	Office & Administrative Support Workers, All Other	6,370	6,500	0.20	155	15	140
<b>450000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>21,560</b>	<b>21,030</b>	<b>-0.25</b>	<b>510</b>	<b>25</b>	<b>485</b>
<b>451000</b>	<b>Supervisors, Farming, Fishing, and Forestry Workers</b>	<b>1,390</b>	<b>1,310</b>	<b>-0.59</b>	<b>25</b>	<b>0</b>	<b>25</b>
451011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	1,360	1,260	-0.76	25	0	25
451012	Farm Labor Contractors	40	50	2.26	0	0	0
<b>452000</b>	<b>Agricultural Workers</b>	<b>12,550</b>	<b>12,330</b>	<b>-0.18</b>	<b>320</b>	<b>15</b>	<b>305</b>
452011	Agricultural Inspectors	740	810	0.91	25	5	20
452021	Animal Breeders	***	***	0.45	5	0	5
452041	Graders and Sorters, Agricultural Products	800	800	0.00	10	0	10
452091	Agricultural Equipment Operators	750	650	-1.42	20	0	20
452092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	3,090	3,000	-0.30	75	0	75
452093	Farmworkers, Farm and Ranch Animals	1,350	1,440	0.65	45	10	35
452099	Agricultural Workers, All Other	5,600	5,410	-0.34	140	0	140
<b>453000</b>	<b>Fishing and Hunting Workers</b>	<b>1,340</b>	<b>1,180</b>	<b>-1.26</b>	<b>20</b>	<b>0</b>	<b>20</b>
453011	Fishers and Related Fishing Workers	1,280	1,120	-1.33	20	0	20
453021	Hunters and Trappers	60	60	0.00	0	0	0
<b>454000</b>	<b>Forest, Conservation, and Logging Workers</b>	<b>6,270</b>	<b>6,210</b>	<b>-0.10</b>	<b>150</b>	<b>10</b>	<b>140</b>
454011	Forest and Conservation Workers	600	620	0.33	25	0	25
454021	Fallers	1,390	1,290	-0.74	30	0	30
454022	Logging Equipment Operators	3,570	3,630	0.17	75	5	70
454023	Log Graders and Scalers	610	580	-0.50	10	0	10
454029	Logging Workers, All Other	***	***	-0.95	0	0	0
<b>470000</b>	<b>Construction and Extraction Occupations</b>	<b>123,140</b>	<b>142,260</b>	<b>1.45</b>	<b>4,140</b>	<b>1,930</b>	<b>2,210</b>
<b>471000</b>	<b>Supervisors, Construction and Extraction Workers</b>	<b>15,490</b>	<b>17,730</b>	<b>1.36</b>	<b>440</b>	<b>225</b>	<b>215</b>
471011	First-Line Supv./Mgr. of Const. Trades & Ext. Workers	15,490	17,730	1.36	440	225	215
<b>472000</b>	<b>Construction Trades Workers</b>	<b>89,280</b>	<b>103,770</b>	<b>1.52</b>	<b>3,000</b>	<b>1,450</b>	<b>1,550</b>
472011	Boilermakers	270	320	1.71	15	5	10
472021	Brickmasons and Blockmasons	1,920	2,160	1.18	65	25	40
472022	Stonemasons	320	370	1.46	10	5	5
472031	Carpenters	16,270	18,560	1.33	450	230	220
472041	Carpet Installers	940	1,020	0.82	25	10	15
472042	Floor Layers, Except Carpet, Wood, and Hard Tiles	700	710	0.14	10	0	10
472043	Floor Sanders and Finishers	280	300	0.69	5	0	5
472044	Tile and Marble Setters	670	800	1.79	25	15	10
472051	Cement Masons and Concrete Finishers	2,680	3,170	1.69	130	50	80
472053	Terrazzo Workers and Finishers	100	120	1.84	5	0	5
472061	Construction Laborers	17,530	21,190	1.91	495	365	130
472071	Paving, Surfacing, and Tamping Equipment Operators	1,680	1,950	1.50	60	25	35
472072	Pile-Driver Operators	80	100	2.26	0	0	0
472073	Operating Engineers and Other Construction Equipment Operators	8,350	9,540	1.34	280	120	160
472081	Drywall and Ceiling Tile Installers	1,650	1,840	1.10	45	20	25
472082	Tapers	100	110	0.96	0	0	0
472111	Electricians	9,740	11,340	1.53	410	160	250
472121	Glaziers	640	760	1.73	20	10	10
472131	Insulation Workers, Floor, Ceiling, and Wall	680	770	1.25	25	10	15
472132	Insulation Workers, Mechanical	760	870	1.36	25	10	15
472141	Painters, Construction and Maintenance	7,260	8,120	1.13	215	85	130

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472142	Paperhangers	250	250	0.00	5	0	5
472151	Pipelayers	1,540	1,770	1.40	55	25	30
472152	Plumbers, Pipefitters, and Steamfitters	7,070	8,450	1.80	285	140	145
472161	Plasterers and Stucco Masons	360	420	1.55	15	5	10
472171	Reinforcing Iron and Rebar Workers	740	870	1.63	35	15	20
472181	Roofers	1,800	2,090	1.50	70	30	40
472211	Sheet Metal Workers	3,630	4,350	1.83	160	70	90
472221	Structural Iron and Steel Workers	1,290	1,480	1.38	60	20	40
<b>473000</b>	<b>Helpers, Construction Trades</b>	<b>9,000</b>	<b>10,570</b>	<b>1.62</b>	<b>385</b>	<b>155</b>	<b>230</b>
473011	Helpers--Brickmasons, Blockmasons, Stonemasons	820	980	1.80	35	15	20
473012	Helpers--Carpenters	2,080	2,420	1.53	90	35	55
473013	Helpers--Electricians	3,520	4,090	1.51	145	55	90
473014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	260	280	0.74	5	0	5
473015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	1,470	1,790	1.99	65	30	35
473016	Helpers--Roofers	500	560	1.14	20	5	15
473019	Helpers, Construction Trades, All Other	***	***	2.84	20	10	10
<b>474000</b>	<b>Other Construction and Related Workers</b>	<b>6,910</b>	<b>7,840</b>	<b>1.27</b>	<b>235</b>	<b>95</b>	<b>140</b>
474011	Construction and Building Inspectors	1,470	1,720	1.58	50	25	25
474021	Elevator Installers and Repairers	180	210	1.55	10	5	5
474031	Fence Erectors	***	***	2.08	25	15	10
474041	Hazardous Materials Removal Workers	270	310	1.39	10	5	5
474051	Highway Maintenance Workers	3,080	3,380	0.93	85	30	55
474061	Rail-Track Laying and Maintenance Equipment Operators	160	170	0.61	5	0	5
474071	Septic Tank Servicers and Sewer Pipe Cleaners	310	370	1.79	10	5	5
474091	Segmental Pavers	***	***	0.00	0	0	0
474099	Construction and Related Workers, All Other	860	980	1.31	30	10	20
<b>475000</b>	<b>Extraction Workers</b>	<b>2,470</b>	<b>2,360</b>	<b>-0.45</b>	<b>80</b>	<b>5</b>	<b>75</b>
475011	Derrick Operators, Oil and Gas	30	20	-3.97	0	0	0
475012	Rotary Drill Operators, Oil and Gas	50	50	0.00	0	0	0
475013	Service Unit Operators, Oil, Gas, and Mining	200	190	-0.51	0	0	0
475021	Earth Drillers, Except Oil and Gas	420	450	0.69	20	5	15
475031	Explosives Workers, Ordnance Handling Experts, and Blasters	***	***	0.00	0	0	0
475041	Continuous Mining Machine Operators	180	170	-0.57	5	0	5
475042	Mine Cutting and Channeling Machine Operators	250	220	-1.27	10	0	10
475049	Mining Machine Operators, All Other	370	340	-0.84	15	0	15
475061	Roof Bolters, Mining	170	150	-1.24	5	0	5
475071	Roustabouts, Oil and Gas	70	70	0.00	0	0	0
475081	Helpers--Extraction Workers	620	560	-1.01	20	0	20
475099	Extraction Workers, All Other	50	50	0.00	0	0	0
<b>490000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>101,690</b>	<b>115,970</b>	<b>1.32</b>	<b>3,155</b>	<b>1,455</b>	<b>1,700</b>
<b>491000</b>	<b>Supervisors of Installation, Maintenance, and Repair Workers</b>	<b>9,800</b>	<b>11,010</b>	<b>1.17</b>	<b>350</b>	<b>120</b>	<b>230</b>
491011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	9,800	11,010	1.17	350	120	230
<b>492000</b>	<b>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</b>	<b>10,140</b>	<b>11,010</b>	<b>0.83</b>	<b>305</b>	<b>90</b>	<b>215</b>
492011	Computer, Automated Teller, and Office Machine Repairers	2,980	3,390	1.30	75	40	35
492021	Radio Mechanics	140	140	0.00	5	0	5
492022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2,530	2,500	-0.12	60	0	60
492091	Avionics Technicians	440	530	1.88	15	10	5
492092	Electric Motor, Power Tool, and Related Repairers	630	630	0.00	25	0	25

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
492093	Electrical and Electronics Installers and Repairers, Transportation Equipment	150	170	1.26	5	0	5
492094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1,320	1,490	1.22	60	15	45
492095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	530	520	-0.19	20	0	20
492096	Electronic Equipment Installers and Repairers, Motor Vehicles	270	290	0.72	10	0	10
492097	Electronic Home Entertainment Equipment Installers and Repairers	640	720	1.18	15	10	5
492098	Security and Fire Alarm Systems Installers	530	630	1.74	15	10	5
<b>493000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>29,280</b>	<b>34,180</b>	<b>1.56</b>	<b>1,105</b>	<b>515</b>	<b>590</b>
493011	Aircraft Mechanics and Service Technicians	1,940	2,580	2.89	85	65	20
493021	Automotive Body and Related Repairers	2,750	2,990	0.84	90	25	65
493022	Automotive Glass Installers and Repairers	350	400	1.34	20	5	15
493023	Automotive Service Technicians and Mechanics	11,410	13,210	1.48	410	180	230
493031	Bus & Truck Mechanics & Diesel Engine Specialists	4,190	4,830	1.43	155	65	90
493041	Farm Equipment Mechanics	790	570	-3.21	15	0	15
493042	Mobile Heavy Equipment Mechanics, Except Engines	3,590	4,250	1.70	135	65	70
493043	Rail Car Repairers	260	440	5.40	20	15	5
493051	Motorboat Mechanics	330	390	1.68	10	5	5
493052	Motorcycle Mechanics	420	500	1.76	20	10	10
493053	Outdoor Power Equipment & Small Engine Mechanics	670	730	0.86	20	5	15
493092	Recreational Vehicle Service Technicians	240	290	1.91	10	5	5
493093	Tire Repairers and Changers	2,330	3,010	2.59	115	70	45
<b>499000</b>	<b>Other Installation, Maintenance, and Repair Occupations</b>	<b>52,480</b>	<b>59,770</b>	<b>1.31</b>	<b>1,395</b>	<b>730</b>	<b>665</b>
499011	Mechanical Door Repairers	240	280	1.55	10	5	5
499012	Control and Valve Installers and Repairers, Except Mechanical Door	1,140	1,210	0.60	25	5	20
499021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4,830	5,740	1.74	175	90	85
499031	Home Appliance Repairers	440	470	0.66	15	5	10
499041	Industrial Machinery Mechanics	5,820	6,590	1.25	170	75	95
499042	Maintenance and Repair Workers, General	20,190	22,980	1.30	330	280	50
499043	Maintenance Workers, Machinery	1,440	1,450	0.07	25	0	25
499044	Millwrights	1,310	1,580	1.89	45	30	15
499045	Refractory Materials Repairers, Except Brickmasons	110	170	4.45	5	5	0
499051	Electrical Power-Line Installers and Repairers	3,090	3,410	0.99	130	35	95
499052	Telecommunications Line Installers and Repairers	2,340	2,670	1.33	95	35	60
499061	Camera and Photographic Equipment Repairers	***	***	0.00	5	0	5
499062	Medical Equipment Repairers	480	610	2.43	30	15	15
499063	Musical Instrument Repairers and Tuners	120	130	0.80	5	0	5
499064	Watch Repairers	***	***	0.00	0	0	0
499069	Precision Instrument & Equipment Repairers, All Other	780	860	0.98	30	10	20
499091	Coin, Vending, & Amusement Machine Servicers & Repairers	780	830	0.62	25	5	20
499092	Commercial Divers	70	80	1.34	0	0	0
499093	Fabric Menders, Except Garment	***	***	1.84	0	0	0
499094	Locksmiths and Safe Repairers	550	690	2.29	25	15	10
499095	Manufactured Building and Mobile Home Installers	200	200	0.00	5	0	5
499096	Riggers	30	40	2.92	0	0	0
499097	Signal and Track Switch Repairers	***	***	-1.42	0	0	0
499098	Helpers--Installation, Maintenance, & Repair Workers	4,000	4,720	1.67	165	70	95
499099	Installation, Maintenance, & Repair Workers, All Other	4,210	4,730	1.17	75	50	25
<b>510000</b>	<b>Production Occupations</b>	<b>235,630</b>	<b>252,810</b>	<b>0.71</b>	<b>7,590</b>	<b>2,660</b>	<b>4,930</b>
<b>511000</b>	<b>Supervisors, Production Workers</b>	<b>15,760</b>	<b>16,450</b>	<b>0.43</b>	<b>335</b>	<b>70</b>	<b>265</b>

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
511011	First-Line Supervisors/Managers of Production & Operations Workers	15,760	16,450	0.43	335	70	265
<b>512000</b>	<b>Assemblers and Fabricators</b>	<b>47,480</b>	<b>58,000</b>	<b>2.02</b>	<b>2,065</b>	<b>1,105</b>	<b>960</b>
512011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1,070	1,390	2.65	50	30	20
512021	Coil Winders, Tapers, and Finishers	240	170	-3.39	5	0	5
512022	Electrical and Electronic Equipment Assemblers	3,220	2,780	-1.46	55	0	55
512023	Electromechanical Equipment Assemblers	210	230	0.91	5	0	5
512031	Engine and Other Machine Assemblers	90	90	0.00	0	0	0
512041	Structural Metal Fabricators and Fitters	3,590	4,290	1.80	130	70	60
512091	Fiberglass Laminators and Fabricators	430	540	2.30	20	10	10
512092	Team Assemblers	34,390	43,620	2.41	1,640	925	715
512099	Assemblers and Fabricators, All Other	4,250	4,890	1.41	155	65	90
<b>513000</b>	<b>Food Processing Workers</b>	<b>22,300</b>	<b>25,420</b>	<b>1.32</b>	<b>1,005</b>	<b>310</b>	<b>695</b>
513011	Bakers	1,420	1,710	1.88	60	30	30
513021	Butchers and Meat Cutters	2,350	2,550	0.82	95	20	75
513022	Meat, Poultry, and Fish Cutters and Trimmers	13,240	15,320	1.47	630	210	420
513023	Slaughterers and Meat Packers	3,210	3,540	0.98	135	35	100
513091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	240	270	1.18	15	5	10
513092	Food Batchmakers	720	830	1.43	30	10	20
513093	Food Cooking Machine Operators and Tenders	1,130	1,200	0.60	50	5	45
<b>514000</b>	<b>Metal Workers and Plastic Workers</b>	<b>44,320</b>	<b>50,510</b>	<b>1.32</b>	<b>1,520</b>	<b>650</b>	<b>870</b>
514011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,770	2,190	2.15	65	45	20
514012	Numerical Tool and Process Control Programmers	180	190	0.54	0	0	0
514021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	2,130	2,250	0.55	75	15	60
514022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	730	780	0.66	30	5	25
514023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	1,160	1,070	-0.80	25	0	25
514031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	5,210	5,160	-0.10	125	0	125
514032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	480	-0.80	10	0	10
514033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	1,640	1,680	0.24	20	5	15
514034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	980	1,070	0.88	30	10	20
514035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	450	450	0.00	5	0	5
514041	Machinists	7,220	8,430	1.56	230	120	110
514051	Metal-Refining Furnace Operators and Tenders	670	760	1.27	20	10	10
514052	Pourers and Casters, Metal	730	950	2.67	30	20	10
514061	Model Makers, Metal and Plastic	90	100	1.06	0	0	0
514062	Patternmakers, Metal and Plastic	***	***	0.61	5	0	5
514071	Foundry Mold and Coremakers	400	380	-0.51	10	0	10
514072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,940	2,020	0.40	55	10	45
514081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2,470	2,950	1.79	100	50	50
514111	Tool and Die Makers	1,060	1,200	1.25	30	15	15
514121	Welders, Cutters, Solderers, and Brazers	9,310	11,490	2.13	415	220	195
514122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	2,940	4,090	3.36	175	115	60
514191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	490	600	2.05	20	10	10
514192	Lay-Out Workers, Metal and Plastic	180	160	-1.17	5	0	5

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
514193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	650	760	1.58	30	10	20
514194	Tool Grinders, Filers, and Sharpeners	390	350	-1.08	5	0	5
514199	Metal Workers and Plastic Workers, All Other	860	800	-0.72	15	0	15
<b>515000</b>	<b>Printing Workers</b>	<b>4,050</b>	<b>3,590</b>	<b>-1.20</b>	<b>70</b>	<b>0</b>	<b>70</b>
515011	Bindery Workers	510	400	-2.40	5	0	5
515012	Bookbinders	60	50	-1.81	0	0	0
515021	Job Printers	830	730	-1.28	10	0	10
515022	Prepress Technicians and Workers	490	380	-2.51	10	0	10
515023	Printing Machine Operators	2,160	2,020	-0.67	50	0	50
<b>516000</b>	<b>Textile, Apparel, and Furnishings Workers</b>	<b>28,110</b>	<b>22,180</b>	<b>-2.34</b>	<b>510</b>	<b>45</b>	<b>465</b>
516011	Laundry and Dry-Cleaning Workers	3,450	3,870	1.16	120	40	80
516021	Pressers, Textile, Garment, and Related Materials	1,920	1,740	-0.98	15	0	15
516031	Sewing Machine Operators	9,500	7,090	-2.88	90	0	90
516041	Shoe and Leather Workers and Repairers	80	90	1.18	0	0	0
516051	Sewers, Hand	350	350	0.00	5	0	5
516052	Tailors, Dressmakers, and Custom Sewers	900	950	0.54	20	5	15
516061	Textile Bleaching & Dyeing Machine Operators & Tenders	880	530	-4.94	15	0	15
516062	Textile Cutting Machine Setters, Operators, & Tenders	990	700	-3.41	35	0	35
516063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	3,310	1,980	-5.01	95	0	95
516064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	3,530	2,260	-4.36	50	0	50
516091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	840	630	-2.84	15	0	15
516092	Fabric and Apparel Patternmakers	150	100	-3.97	5	0	5
516093	Upholsterers	820	810	-0.12	15	0	15
516099	Textile, Apparel, and Furnishings Workers, All Other	1,390	1,090	-2.40	35	0	35
<b>517000</b>	<b>Woodworkers</b>	<b>10,090</b>	<b>11,140</b>	<b>0.99</b>	<b>370</b>	<b>110</b>	<b>260</b>
517011	Cabinetmakers and Bench Carpenters	4,740	5,470	1.44	215	75	140
517021	Furniture Finishers	320	340	0.61	5	0	5
517031	Model Makers, Wood	***	***	-3.97	0	0	0
517032	Patternmakers, Wood	50	30	-4.98	0	0	0
517041	Sawing Machine Setters, Operators, & Tenders, Wood	1,880	2,010	0.67	50	15	35
517042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	2,020	2,220	0.95	70	20	50
517099	Woodworkers, All Other	1,050	1,050	0.00	25	0	25
<b>518000</b>	<b>Plant and System Operators</b>	<b>5,350</b>	<b>5,600</b>	<b>0.46</b>	<b>165</b>	<b>35</b>	<b>130</b>
518011	Nuclear Power Reactor Operators	***	***	1.06	5	0	5
518012	Power Distributors and Dispatchers	220	220	0.00	10	0	10
518013	Power Plant Operators	860	880	0.23	30	0	30
518021	Stationary Engineers and Boiler Operators	450	420	-0.69	10	0	10
518031	Water & Liquid Waste Treatment Plant & System Operators	1,930	2,250	1.55	65	30	35
518091	Chemical Plant and System Operators	880	850	-0.35	25	0	25
518092	Gas Plant Operators	250	270	0.77	5	0	5
518093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	380	370	-0.27	10	0	10
518099	Plant and System Operators, All Other	270	250	-0.77	10	0	10
<b>519000</b>	<b>Other Production Occupations</b>	<b>58,180</b>	<b>59,910</b>	<b>0.29</b>	<b>1,540</b>	<b>330</b>	<b>1,210</b>
519011	Chemical Equipment Operators and Tenders	1,210	1,200	-0.08	30	0	30
519012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	650	600	-0.80	15	0	15
519021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	***	***	0.35	10	0	10
519022	Grinding and Polishing Workers, Hand	1,510	1,620	0.71	35	10	25
519023	Mixing & Blending Machine Setters, Operators, & Tenders	3,020	3,090	0.23	55	5	50

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519031	Cutters and Trimmers, Hand	390	360	-0.80	5	0	5
519032	Cutting & Slicing Machine Setters, Operators, & Tenders	1,430	1,310	-0.87	20	0	20
519041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	2,380	2,320	-0.26	45	0	45
519051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	900	860	-0.45	25	0	25
519061	Inspectors, Testers, Sorters, Samplers, & Weighers	9,320	9,130	-0.21	140	0	140
519071	Jewelers and Precious Stone and Metal Workers	340	350	0.29	5	0	5
519081	Dental Laboratory Technicians	990	1,110	1.15	30	10	20
519082	Medical Appliance Technicians	80	100	2.26	0	0	0
519083	Ophthalmic Laboratory Technicians	380	440	1.48	10	5	5
519111	Packaging & Filling Machine Operators & Tenders	5,090	5,000	-0.18	95	0	95
519121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	2,680	2,660	-0.07	50	0	50
519122	Painters, Transportation Equipment	950	1,220	2.53	45	25	20
519123	Painting, Coating, and Decorating Workers	510	570	1.12	15	5	10
519131	Photographic Process Workers	200	130	-4.22	5	0	5
519132	Photographic Processing Machine Operators	790	430	-5.90	25	0	25
519191	Cementing & Gluing Machine Operators & Tenders	310	310	0.00	10	0	10
519192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	560	550	-0.18	15	0	15
519193	Cooling & Freezing Equipment Operators & Tenders	260	250	-0.39	5	0	5
519194	Etchers and Engravers	300	320	0.65	5	0	5
519195	Molders, Shapers, & Casters, Except Metal & Plastic	520	550	0.56	15	5	10
519196	Paper Goods Machine Setters, Operators, & Tenders	3,050	2,540	-1.81	75	0	75
519197	Tire Builders	***	***	1.09	85	20	65
519198	Helpers--Production Workers	13,100	14,670	1.14	475	155	320
519199	Production Workers, All Other	4,950	5,700	1.42	175	75	100
<b>530000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>168,120</b>	<b>185,520</b>	<b>0.99</b>	<b>5,645</b>	<b>1,855</b>	<b>3,790</b>
<b>531000</b>	<b>Supervisors, Transportation &amp; Material Moving Workers</b>	<b>7,450</b>	<b>8,460</b>	<b>1.28</b>	<b>250</b>	<b>100</b>	<b>150</b>
531011	Aircraft Cargo Handling Supervisors	***	***	0.00	0	0	0
531021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	2,830	3,260	1.42	105	45	60
531031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	4,610	5,190	1.19	155	60	95
<b>532000</b>	<b>Air Transportation Workers</b>	<b>980</b>	<b>1,130</b>	<b>1.43</b>	<b>45</b>	<b>15</b>	<b>30</b>
532011	Airline Pilots, Copilots, and Flight Engineers	370	410	1.03	15	5	10
532012	Commercial Pilots	350	400	1.34	15	5	10
532021	Air Traffic Controllers	220	280	2.44	10	5	5
532022	Airfield Operations Specialists	40	50	2.26	0	0	0
<b>533000</b>	<b>Motor Vehicle Operators</b>	<b>74,930</b>	<b>85,070</b>	<b>1.28</b>	<b>2,285</b>	<b>1,015</b>	<b>1,270</b>
533011	Ambulance Drivers and Attendants, Except EMT's	400	520	2.66	15	10	5
533021	Bus Drivers, Transit and Intercity	2,390	2,760	1.45	65	35	30
533022	Bus Drivers, School	7,600	8,680	1.34	205	105	100
533031	Driver/Sales Workers	7,010	7,040	0.04	130	5	125
533032	Truck Drivers, Heavy and Tractor-Trailer	41,030	47,240	1.42	1,350	620	730
533033	Truck Drivers, Light or Delivery Services	13,580	15,380	1.25	420	180	240
533041	Taxi Drivers and Chauffeurs	1,500	1,770	1.67	45	25	20
533099	Motor Vehicle Operators, All Other	***	***	1.76	50	25	25
<b>534000</b>	<b>Rail Transportation Workers</b>	<b>1,920</b>	<b>2,040</b>	<b>0.61</b>	<b>80</b>	<b>15</b>	<b>65</b>
534011	Locomotive Engineers	610	700	1.39	30	10	20
534013	Rail Yard Engineers, Dinkey Operators, & Hostlers	180	170	-0.57	5	0	5
534021	Railroad Brake, Signal, and Switch Operators	560	550	-0.18	20	0	20
534031	Railroad Conductors and Yardmasters	***	***	1.49	20	5	15
534099	Rail Transportation Workers, All Other	***	***	-0.80	5	0	5
<b>535000</b>	<b>Water Transportation Workers</b>	<b>810</b>	<b>890</b>	<b>0.95</b>	<b>35</b>	<b>10</b>	<b>25</b>

1. Employment is rounded to the nearest 10

2. Growth is compounded

3. Openings are rounded to the nearest 5

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## Alabama Occupational Projections 2006-2016

Soc	Occupation	Employment		Average Annual Growth	Avg Annual Job Openings 3		
		2006	2016		Total	Growth	Replacement
535011	Sailors and Marine Oilers	280	310	1.02	15	5	10
535021	Captains, Mates, and Pilots of Water Vessels	420	470	1.13	15	5	10
535022	Motorboat Operators	40	40	0.00	0	0	0
535031	Ship Engineers	70	70	0.00	0	0	0
<b>536000</b>	<b>Other Transportation Workers</b>	<b>2,610</b>	<b>3,170</b>	<b>1.96</b>	<b>145</b>	<b>55</b>	<b>90</b>
536011	Bridge and Lock Tenders	***	***	0.00	0	0	0
536021	Parking Lot Attendants	350	370	0.56	15	5	10
536031	Service Station Attendants	1,360	1,720	2.38	95	35	60
536041	Traffic Technicians	230	260	1.23	10	5	5
536051	Transportation Inspectors	270	350	2.63	20	10	10
536099	Transportation Workers, All Other	330	400	1.94	10	5	5
<b>537000</b>	<b>Material Moving Workers</b>	<b>79,420</b>	<b>84,750</b>	<b>0.65</b>	<b>2,805</b>	<b>645</b>	<b>2,160</b>
537011	Conveyor Operators and Tenders	1,380	1,250	-0.98	25	0	25
537021	Crane and Tower Operators	1,680	2,050	2.01	65	35	30
537031	Dredge Operators	140	140	0.00	0	0	0
537032	Excavating & Loading Machine & Dragline Operators	1,960	2,250	1.39	60	30	30
537033	Loading Machine Operators, Underground Mining	***	***	0.00	0	0	0
537041	Hoist and Winch Operators	***	***	-1.17	0	0	0
537051	Industrial Truck and Tractor Operators	10,790	10,790	0.00	270	0	270
537061	Cleaners of Vehicles and Equipment	5,320	6,020	1.24	275	70	205
537062	Laborers & Freight, Stock, & Material Movers, Hand	40,990	45,840	1.12	1,795	485	1,310
537063	Machine Feeders and Offbearers	2,810	2,760	-0.18	50	0	50
537064	Packers and Packagers, Hand	10,350	9,470	-0.88	125	0	125
537071	Gas Compressor & Gas Pumping Station Operators	***	***	0.00	5	0	5
537072	Pump Operators, Except Wellhead Pumpers	***	***	-0.54	5	0	5
537073	Wellhead Pumpers	150	130	-1.42	5	0	5
537081	Refuse and Recyclable Material Collectors	2,640	2,810	0.63	85	15	70
537111	Shuttle Car Operators	110	90	-1.99	5	0	5
537121	Tank Car, Truck, and Ship Loaders	310	350	1.22	10	5	5
537199	Material Moving Workers, All Other	390	410	0.50	5	0	5

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2. Growth is compounded

3. Openings are rounded to the nearest 5

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