

## Smart Careers in North Alabama 2017-2027

SOC	Description	2017 Jobs	2027 Jobs	2017 - 2027 Change	Annual Openings	Entry Level Hourly Earnings	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
<b>13-0000 Business and Financial Operations Occupations</b>										
13-1022	Wholesale and Retail Buyers, Except Farm Products	96	116	20	14	\$20.60	\$25.53	Bachelor's degree	None	Moderate-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	130	134	4	12	\$26.09	\$32.42	High school diploma or equivalent	None	Long-term on-the-job training
13-1041	Compliance Officers	350	382	32	33	\$25.56	\$34.79	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	460	514	54	52	\$21.17	\$28.18	Bachelor's degree	None	Moderate-term on-the-job training
13-1071	Human Resources Specialists	1,348	1,487	139	149	\$22.08	\$29.26	Bachelor's degree	None	None
13-1081	Logisticians	2,593	2,611	18	254	\$36.65	\$44.90	Bachelor's degree	None	None
13-1111	Management Analysts	1,747	1,934	187	174	\$35.02	\$44.62	Bachelor's degree	Less than 5 years	None
13-1121	Meeting, Convention, and Event Planners	119	140	21	17	\$17.54	\$23.59	Bachelor's degree	None	None
13-1131	Fundraisers	170	202	32	21	\$18.32	\$21.59	Bachelor's degree	None	None
13-1151	Training and Development Specialists	672	751	79	76	\$18.57	\$28.46	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	630	807	177	86	\$19.00	\$25.23	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	3,139	3,333	194	309	\$33.12	\$42.45	Bachelor's degree	None	None
13-2011	Accountants and Auditors	3,639	3,928	289	359	\$23.68	\$30.72	Bachelor's degree	None	None
13-2031	Budget Analysts	423	431	8	32	\$33.85	\$41.33	Bachelor's degree	None	None
13-2051	Financial Analysts	316	369	53	34	\$31.09	\$41.89	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	264	318	54	27	\$25.38	\$37.43	Bachelor's degree	None	Long-term on-the-job training
13-2072	Loan Officers	714	827	113	73	\$21.93	\$28.86	Bachelor's degree	None	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	355	377	22	32	\$23.79	\$35.85	Bachelor's degree	None	Moderate-term on-the-job training
<b>15-0000 Computer and Mathematical Occupations</b>										
15-1111	Computer and Information Research Scientists	194	202	8	14	\$44.16	\$53.41	Master's degree	None	None
15-1121	Computer Systems Analysts	1,819	2,165	346	161	\$32.64	\$40.24	Bachelor's degree	None	None
15-1122	Information Security Analysts	456	526	70	40	\$32.22	\$41.19	Bachelor's degree	Less than 5 years	None
15-1132	Software Developers, Applications	2,798	3,232	434	235	\$36.95	\$48.74	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	2,157	2,299	142	155	\$37.05	\$49.47	Bachelor's degree	None	None
15-1134	Web Developers	186	243	57	21	\$22.16	\$29.98	Associate's degree	None	None
15-1141	Database Administrators	365	410	45	29	\$29.59	\$40.12	Bachelor's degree	None	None
15-1142	Network and Computer Systems Administrators	1,012	1,138	126	79	\$28.10	\$34.53	Bachelor's degree	None	None
15-1143	Computer Network Architects	288	335	47	24	\$33.52	\$42.26	Bachelor's degree	5 years or more	None

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15-1151	Computer User Support Specialists	1,614	1,853	239	149	\$16.97	\$21.40	Some college, no degree	None	None
15-1152	Computer Network Support Specialists	300	347	47	28	\$22.31	\$28.27	Associate's degree	None	None
15-1199	Computer Occupations, All Other	794	854	60	61	\$31.85	\$41.71	Bachelor's degree	None	None
15-2031	Operations Research Analysts	477	577	100	41	\$35.73	\$47.90	Bachelor's degree	None	None
<b>17-0000 Architecture and Engineering Occupations</b>										
17-1011	Architects, Except Landscape and Naval	226	229	3	17	\$29.60	\$39.01	Bachelor's degree	None	Internship/residency
17-1022	Surveyors	141	153	12	12	\$18.58	\$23.64	Bachelor's degree	None	Internship/residency
17-2011	Aerospace Engineers	3,924	3,976	52	238	\$45.52	\$55.28	Bachelor's degree	None	None
17-2041	Chemical Engineers	251	271	20	19	\$40.70	\$47.25	Bachelor's degree	None	None
17-2051	Civil Engineers	834	1,029	195	88	\$27.11	\$35.48	Bachelor's degree	None	None
17-2071	Electrical Engineers	1,693	1,794	101	120	\$37.54	\$47.15	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	1,522	1,532	10	99	\$39.52	\$53.50	Bachelor's degree	None	None
17-2081	Environmental Engineers	166	203	37	16	\$32.28	\$44.59	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	217	236	19	17	\$42.05	\$50.56	Bachelor's degree	None	None
17-2112	Industrial Engineers	2,039	2,247	208	159	\$32.64	\$40.39	Bachelor's degree	None	None
17-2131	Materials Engineers	338	356	18	26	\$40.82	\$53.37	Bachelor's degree	None	None
17-2141	Mechanical Engineers	1,715	2,011	296	146	\$34.13	\$41.93	Bachelor's degree	None	None
17-2199	Engineers, All Other	3,145	3,205	60	208	\$46.05	\$56.36	Bachelor's degree	None	None
17-3011	Architectural and Civil Drafters	217	247	30	23	\$18.72	\$23.28	Associate's degree	None	None
17-3012	Electrical and Electronics Drafters	111	127	16	12	\$24.56	\$30.77	Associate's degree	None	None
17-3013	Mechanical Drafters	214	242	28	22	\$21.00	\$29.66	Associate's degree	None	None
17-3021	Aerospace Engineering and Operations Technicians	129	141	12	13	\$24.77	\$34.17	Associate's degree	None	None
17-3026	Industrial Engineering Technicians	429	469	40	43	\$20.58	\$25.10	Associate's degree	None	None
17-3027	Mechanical Engineering Technicians	259	298	39	28	\$19.58	\$23.94	Associate's degree	None	None
17-3029	Engineering Technicians, Except Drafters, All Other	483	497	14	44	\$25.62	\$35.82	Associate's degree	None	None
<b>19-0000 Life, Physical, and Social Science Occupations</b>										
19-1042	Medical Scientists, Except Epidemiologists	91	114	23	11	\$30.02	\$44.24	Doctoral or professional degree	None	None
19-2012	Physicists	124	132	8	11	\$52.22	\$62.14	Doctoral or professional degree	None	None
19-2031	Chemists	322	348	26	32	\$29.61	\$40.14	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	149	176	27	17	\$23.07	\$30.68	Bachelor's degree	None	None

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19-3031	Clinical, Counseling, and School Psychologists	119	143	24	11	\$23.24	\$28.59	Doctoral or professional degree	None	Internship/residency
19-4031	Chemical Technicians	258	277	19	27	\$19.29	\$24.87	Associate's degree	None	Moderate-term on-the-job training
<b>21-0000 Community and Social Services Occupations</b>										
21-1012	Educational, Guidance, School, and Vocational Counselors	661	708	47	75	\$22.62	\$26.85	Master's degree	None	None
21-1014	Mental Health Counselors	182	246	64	28	\$16.55	\$20.47	Master's degree	None	Internship/residency
21-1022	Healthcare Social Workers	415	485	70	52	\$18.32	\$21.54	Master's degree	None	Internship/residency
21-1091	Health Educators	78	95	17	12	\$16.14	\$19.46	Bachelor's degree	None	None
21-2011	Clergy	1,141	1,252	111	140	\$15.27	\$19.21	Bachelor's degree	None	Moderate-term on-the-job training
<b>23-0000 Legal Occupations</b>										
23-1011	Lawyers	688	758	70	37	\$31.94	\$44.02	Doctoral or professional degree	None	None
23-2011	Paralegals and Legal Assistants	410	440	30	46	\$14.81	\$19.65	Associate's degree	None	None
<b>25-0000 Education, Training, and Library Occupations</b>										
25-1099	Postsecondary Teachers	2,200	2,537	337	212	\$18.72	\$27.44	Doctoral or professional degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	337	349	12	34	\$12.80	\$20.52	Bachelor's degree	None	None
25-2021	Elementary School Teachers, Except Special Education	4,839	4,904	65	357	\$20.53	\$24.12	Bachelor's degree	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	2,139	2,176	37	158	\$20.59	\$23.87	Bachelor's degree	None	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	3,867	3,950	83	278	\$20.47	\$23.73	Bachelor's degree	None	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	377	390	13	29	\$19.66	\$23.87	Bachelor's degree	None	None
25-2054	Special Education Teachers, Secondary School	203	216	13	16	\$21.27	\$24.76	Bachelor's degree	None	None
25-4021	Librarians	455	463	8	44	\$22.36	\$26.52	Master's degree	None	None
25-9031	Instructional Coordinators	186	204	18	19	\$24.07	\$30.90	Master's degree	5 years or more	None
<b>27-0000 Arts, Design, Entertainment, Sports, and Media Occupations</b>										
27-1021	Commercial and Industrial Designers	101	118	17	12	\$20.46	\$26.45	Bachelor's degree	None	None
27-1024	Graphic Designers	334	363	29	35	\$14.75	\$20.86	Bachelor's degree	None	None
27-2041	Music Directors and Composers	216	237	21	24	\$15.81	\$22.85	Bachelor's degree	Less than 5 years	None
27-2042	Musicians and Singers	419	462	43	46	\$13.84	\$24.79	No formal educational credential	None	Long-term on-the-job training

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27-3031	Public Relations Specialists	390	434	44	44	\$15.85	\$23.38	Bachelor's degree	None	None
27-3041	Editors	147	154	7	16	\$19.30	\$24.09	Bachelor's degree	Less than 5 years	None
27-3042	Technical Writers	397	426	29	41	\$25.01	\$31.19	Bachelor's degree	Less than 5 years	Short-term on-the-job training
<b>29-0000 Healthcare Practitioners, Healthcare Support and Technical Occupations</b>										
29-1021	Dentists, General	232	273	41	11	\$47.31	\$63.12	Doctoral or professional degree	None	None
29-1051	Pharmacists	1,250	1,323	73	63	\$53.72	\$61.33	Doctoral or professional degree	None	None
29-1069	Physicians and Surgeons, All Other	986	1,109	123	41	\$92.23	\$111.13	Doctoral or professional degree	None	Internship/residency
29-1071	Physician Assistants	106	161	55	13	\$36.25	\$42.55	Master's degree	None	None
29-1122	Occupational Therapists	174	242	68	17	\$30.20	\$35.63	Master's degree	None	None
29-1123	Physical Therapists	393	562	169	36	\$35.53	\$43.18	Doctoral or professional degree	None	None
29-1126	Respiratory Therapists	458	514	56	29	\$18.52	\$21.91	Associate's degree	None	None
29-1127	Speech-Language Pathologists	263	332	69	22	\$24.50	\$30.61	Master's degree	None	Internship/residency
29-1131	Veterinarians	196	231	35	11	\$29.92	\$35.22	Doctoral or professional degree	None	None
29-1141	Registered Nurses	9,630	10,877	1,247	647	\$21.25	\$25.29	Bachelor's degree	None	None
29-1151	Nurse Anesthetists	331	366	35	20	\$63.67	\$76.04	Master's degree	None	None
29-1171	Nurse Practitioners	731	920	189	59	\$38.10	\$44.01	Master's degree	None	None
29-2011	Medical and Clinical Laboratory Technologists	344	416	72	31	\$21.39	\$25.99	Bachelor's degree	None	None
29-2021	Dental Hygienists	866	983	117	67	\$18.80	\$21.81	Associate's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	124	155	31	10	\$15.64	\$21.97	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	261	321	60	21	\$21.90	\$26.72	Associate's degree	None	None
29-2034	Radiologic Technologists	684	745	61	44	\$18.60	\$22.59	Associate's degree	None	None
29-9011	Occupational Health and Safety Specialists	278	294	16	16	\$25.07	\$34.32	Bachelor's degree	None	None
31-2011	Occupational Therapy Assistants	148	200	52	27	\$23.51	\$27.32	Associate's degree	None	None
31-2021	Physical Therapist Assistants	488	619	131	79	\$23.10	\$26.75	Associate's degree	None	None
<b>33-0000 Protective Service Occupations</b>										
33-1012	First-Line Supervisors of Police and Detectives	214	222	8	14	\$25.79	\$29.00	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	234	240	6	16	\$23.92	\$27.20	Postsecondary nondegree award	Less than 5 years	Moderate-term on-the-job training

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33-1099	First-Line Supervisors of Protective Service Workers, All Other	142	150	8	15	\$14.34	\$20.36	High school diploma or equivalent	Less than 5 years	None
33-2011	Firefighters	811	834	23	57	\$15.28	\$19.18	Postsecondary nondegree award	None	Long-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	2,090	2,165	75	144	\$16.43	\$20.20	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>35-0000 Food Preparation and Serving Related Occupations</b>										
35-1011	Chefs and Head Cooks	170	198	28	26	\$17.04	\$20.05	High school diploma or equivalent	5 years or more	None
<b>39-0000 Personal Care and Service Occupations</b>										
39-4031	Morticians, Undertakers, and Funeral Directors	100	116	16	15	\$16.70	\$20.91	Associate's degree	None	Long-term on-the-job training
<b>41-0000 Sales and Related Occupations</b>										
41-1012	First-Line Supervisors of Non-Retail Sales Workers	530	574	44	54	\$24.21	\$32.69	High school diploma or equivalent	Less than 5 years	None
41-3021	Insurance Sales Agents	1,034	1,191	157	122	\$15.21	\$20.88	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	261	310	49	31	\$18.19	\$24.80	Bachelor's degree	None	Moderate-term on-the-job training
41-3099	Sales Representatives, Services, All Other	1,251	1,454	203	181	\$15.58	\$21.68	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	275	339	64	38	\$29.07	\$39.26	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	4,329	4,635	306	481	\$17.36	\$24.09	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	168	191	23	19	\$17.75	\$25.00	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9031	Sales Engineers	143	163	20	18	\$32.15	\$36.52	Bachelor's degree	None	Moderate-term on-the-job training
41-9099	Sales and Related Workers, All Other	201	241	40	33	\$14.93	\$19.47	High school diploma or equivalent	None	None
<b>43-0000 Office and Administrative Support Occupations</b>										
43-1011	First-Line Supervisors of Office and Administrative Support Workers	3,611	4,030	419	414	\$18.74	\$24.03	High school diploma or equivalent	Less than 5 years	None
43-4011	Brokerage Clerks	110	121	11	13	\$17.64	\$21.30	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4199	Information and Record Clerks, All Other	409	427	18	49	\$18.72	\$22.56	High school diploma or equivalent	None	Short-term on-the-job training

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43-5061	Production, Planning, and Expediting Clerks	757	870	113	93	\$16.85	\$22.59	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6011	Executive Secretaries and Executive Administrative Assistants	904	941	37	103	\$21.76	\$26.29	High school diploma or equivalent	Less than 5 years	None
<b>47-0000 Construction and Extraction Occupations</b>										
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	2,109	2,200	91	218	\$20.70	\$25.94	High school diploma or equivalent	5 years or more	None
47-2111	Electricians	1,802	1,953	151	221	\$16.74	\$20.05	High school diploma or equivalent	None	Apprenticeship
47-2152	Plumbers, Pipefitters, and Steamfitters	1,020	1,082	62	118	\$15.29	\$19.18	High school diploma or equivalent	None	Apprenticeship
47-2221	Structural Iron and Steel Workers	211	223	12	24	\$16.70	\$20.97	High school diploma or equivalent	None	Apprenticeship
47-4011	Construction and Building Inspectors	307	343	36	38	\$20.70	\$25.60	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
<b>49-0000 Installation, Maintenance, and Repair Occupations</b>										
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,479	1,597	118	142	\$22.51	\$29.67	High school diploma or equivalent	Less than 5 years	None
49-2091	Avionics Technicians	147	163	16	14	\$23.82	\$28.58	Associate's degree	None	None
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	200	210	10	19	\$37.62	\$38.79	Postsecondary nondegree award	Less than 5 years	Moderate-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	349	395	46	34	\$24.79	\$28.22	Postsecondary nondegree award	None	None
49-3021	Automotive Body and Related Repairers	419	462	43	46	\$16.46	\$19.71	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	309	341	32	34	\$15.62	\$19.32	High school diploma or equivalent	None	Long-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	195	204	9	16	\$17.01	\$21.03	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	2,467	2,888	421	274	\$17.51	\$22.25	High school diploma or equivalent	None	Long-term on-the-job training
49-9044	Millwrights	222	279	57	28	\$13.13	\$19.98	High school diploma or equivalent	None	Apprenticeship
49-9051	Electrical Power-Line Installers and Repairers	943	1,211	268	115	\$24.48	\$31.30	High school diploma or equivalent	None	Long-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	451	476	25	47	\$14.55	\$19.95	High school diploma or equivalent	None	Moderate-term on-the-job training

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<b>51-0000</b>	<b>Production Occupations</b>									
51-1011	First-Line Supervisors of Production and Operating Workers	3,675	3,966	291	401	\$18.90	\$25.38	High school diploma or equivalent	Less than 5 years	None
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	293	320	27	35	\$19.72	\$26.03	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2031	Engine and Other Machine Assemblers	452	486	34	52	\$16.65	\$22.16	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	289	360	71	39	\$14.70	\$19.17	Postsecondary nondegree award	None	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	99	99	0	11	\$14.12	\$19.62	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	112	112	0	13	\$19.05	\$22.29	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	2,083	2,540	457	279	\$16.14	\$20.59	High school diploma or equivalent	None	Long-term on-the-job training
51-4111	Tool and Die Makers	251	287	36	29	\$16.32	\$22.46	Postsecondary nondegree award	None	Long-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	532	564	32	49	\$19.88	\$23.81	High school diploma or equivalent	None	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	1,174	1,179	5	132	\$20.50	\$26.60	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	164	196	32	22	\$15.85	\$20.48	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9197	Tire Builders	165	165	0	20	\$18.58	\$22.49	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>									
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	739	770	31	80	\$17.29	\$21.65	High school diploma or equivalent	Less than 5 years	None
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	699	725	26	76	\$19.20	\$25.53	High school diploma or equivalent	Less than 5 years	None
53-2012	Commercial Pilots	120	130	10	13	\$25.25	\$31.09	High school diploma or equivalent	None	Moderate-term on-the-job training
53-4011	Locomotive Engineers	117	120	3	11	\$22.68	\$26.57	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-4031	Railroad Conductors and Yardmasters	125	129	4	13	\$21.76	\$25.83	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7021	Crane and Tower Operators	228	250	22	27	\$20.19	\$23.92	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training

For more information, contact: Huntsville/Madison County Chamber

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## Smart Careers in North Alabama 2017-2027

SOC	Description	2017 Jobs	2027 Jobs	2017 - 2027 Change	Annual Openings	Entry Level Hourly Earnings	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
<b>11-0000</b>	<b>Management Occupations</b>									
11-1011	Chief Executives	355	375	20	28	\$57.88	\$88.20	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	6,275	6,877	602	589	\$35.97	\$51.61	Bachelor's degree	5 years or more	None
11-2021	Marketing Managers	215	261	46	25	\$43.30	\$65.70	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	587	667	80	60	\$37.60	\$53.71	Bachelor's degree	Less than 5 years	None
11-3011	Administrative Services Managers	409	465	56	40	\$34.16	\$43.92	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	926	1,058	132	85	\$48.77	\$64.49	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	982	1,091	109	86	\$41.76	\$55.53	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	929	1,012	83	76	\$37.25	\$48.38	Bachelor's degree	5 years or more	None
11-3061	Purchasing Managers	460	462	2	38	\$48.66	\$56.02	Bachelor's degree	5 years or more	None
11-3071	Transportation, Storage, and Distribution Managers	194	213	19	17	\$33.42	\$44.44	High school diploma or equivalent	5 years or more	None
11-3121	Human Resources Managers	322	365	43	31	\$36.32	\$47.79	Bachelor's degree	5 years or more	None
11-9013	Farmers, Ranchers, and Other Agricultural Managers	162	167	5	13	\$28.25	\$31.57	High school diploma or equivalent	5 years or more	None
11-9021	Construction Managers	501	531	30	39	\$29.97	\$37.17	Bachelor's degree	None	Moderate-term on-the-job training
11-9032	Education Administrators, Elementary and Secondary School	823	844	21	65	\$32.20	\$37.95	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	293	325	32	26	\$31.06	\$39.98	Master's degree	Less than 5 years	None
11-9041	Architectural and Engineering Managers	1,082	1,170	88	86	\$57.41	\$68.22	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	482	535	53	59	\$19.81	\$26.36	High school diploma or equivalent	Less than 5 years	None
11-9081	Lodging Managers	102	102	0	11	\$15.60	\$20.86	High school diploma or equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	603	722	119	63	\$33.29	\$40.83	Bachelor's degree	Less than 5 years	None
11-9151	Social and Community Service Managers	242	279	37	26	\$23.24	\$29.62	Bachelor's degree	Less than 5 years	None
11-9199	Managers, All Other	783	865	82	65	\$42.38	\$52.63	Bachelor's degree	Less than 5 years	None

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