

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Agriculture, Food and Natural Resources

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry Growth or Decline 2006-2016	Job Opportunities from Replacement	Total New Hires
11-9011	Farm, Ranch, and Other Agricultural Managers	231	266	-18	53	35
11-9121	Natural Sciences Managers	13	16	1	3	4
13-1021	Purchasing Agents and Buyers, Farm Products	6	7	0	1	1
17-1021	Cartographers and Photogrammetrists	10	14	1	2	3
17-2081	Environmental Engineers	61	79	5	14	19
17-3025	Environmental Engineering Technicians	12	15	1	3	4
19-1011	Animal Scientists	0	0	0	0	0
19-1012	Food Scientists and Technologists	7	9	0	2	2
19-1013	Soil and Plant Scientists	6	7	0	1	2
19-1023	Zoologists and Wildlife Biologists	20	26	1	5	6
19-1032	Foresters	26	33	1	6	7
19-4011	Agricultural and Food Science Technicians	12	14	0	3	2
19-4041	Geological and Petroleum Technicians	1	1	0	0	0
19-4091	Environmental Science and Protection Technicians, Including Health	10	14	2	2	4
19-4093	Forest and Conservation Technicians	35	45	2	8	10
25-1041	Agricultural Sciences Teachers, Postsecondary	1	1	0	0	0
25-9021	Farm and Home Management Advisors	1	1	0	0	0
29-1131	Veterinarians	20	29	5	5	10
29-2056	Veterinary Technologists and Technicians	23	34	6	5	11
29-9011	Occupational Health and Safety Specialists	101	130	6	23	29
29-9012	Occupational Health and Safety Technicians	5	7	0	1	2
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	27	41	8	6	14
33-3031	Fish and Game Wardens	5	7	0	1	2

37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	76	106	13	17	30
37-2021	Pest Control Workers	48	68	9	11	20
37-3011	Landscaping and Groundskeeping Workers	540	755	90	124	214
	Pesticide Handlers, Sprayers, and Applicators, Vegetation	17	23	2	4	6
37-3012						
37-3013	Tree Trimmers and Pruners	7	10	1	2	2
37-3019	Grounds Maintenance Workers, All Other	14	19	2	3	5
39-2021	Nonfarm Animal Caretakers	48	65	6	11	17
	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	26	31	-2	6	4
45-1011						
45-1012	Farm Labor Contractors	1	1	0	0	0
45-2011	Agricultural Inspectors	22	28	1	5	6
45-2021	Animal Breeders	1	1	0	0	0
45-2041	Graders and Sorters, Agricultural Products	33	40	0	7	8

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Agriculture, Food and Natural Resources, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
45-2091	Agricultural Equipment Operators	59	69	-4	14	9
	Farmworkers and Laborers, Crop, Nursery, and Greenhouse					
45-2092		564	653	-41	130	89
45-2093	Farmworkers, Farm and Ranch Animals	75	87	-6	17	12
45-2099	Agricultural Workers, All Other	19	23	0	4	4
45-4011	Forest and Conservation Workers	31	39	0	7	8
45-4021	Fallers	49	56	-4	11	8
45-4022	Logging Equipment Operators	136	157	-10	31	21
45-4023	Log Graders and Scalers	16	19	-1	4	3
45-4029	Logging Workers, All Other	3	3	0	1	0
47-5011	Derrick Operators, Oil and Gas	0	0	0	0	0
47-5012	Rotary Drill Operators, Oil and Gas	0	0	0	0	0

	Explosives Workers, Ordnance Handling Experts, and					
47-5031	Blasters	0	0	0	0	0
47-5041	Continuous Mining Machine Operators	1	2	0	0	0
47-5042	Mine Cutting and Channeling Machine Operators	0	0	0	0	0
47-5049	Mining Machine Operators, All Other	1	1	0	0	0
47-5051	Rock Splitters, Quarry	1	1	0	0	0
47-5081	Helpers--Extraction Workers	3	4	0	1	1
49-3041	Farm Equipment Mechanics	3	4	0	1	1
49-9092	Commercial Divers	1	2	0	0	1
51-3021	Butchers and Meat Cutters	53	67	2	12	14
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	239	294	0	55	55
51-3023	Slaughterers and Meat Packers	311	382	0	71	71
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	10	12	0	2	2
51-3092	Food Batchmakers	99	122	0	23	23
51-3093	Food Cooking Machine Operators and Tenders	62	76	0	14	14
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood Water and Liquid Waste Treatment Plant and System Operators	106	125	-6	24	18
51-8031	Gas Plant Operators	191	246	10	44	54
51-8092	Petroleum Pump System Operators, Refinery Operators, and Gaugers	4	5	0	1	1
51-8093		2	3	0	1	1
53-7033	Loading Machine Operators, Underground Mining	0	0	0	0	0
53-7071	Gas Compressor and Gas Pumping Station Operators	0	0	0	0	0
53-7072	Pump Operators, Except Wellhead Pumps	3	4	0	1	1
53-7081	Refuse and Recyclable Material Collectors	289	375	20	66	86
53-7111	Shuttle Car Operators	0	0	0	0	0

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Architecture and Construction

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-9021	Construction Managers	99	133	11	23	34
13-1051	Cost Estimators	62	79	2	14	16
17-1011	Architects, Except Landscape and Naval	20	29	4	5	9
17-1012	Landscape Architects	9	13	2	2	4
17-1022	Surveyors	30	44	7	7	14
17-3013	Mechanical Drafters	42	50	-2	10	8
17-3019	Drafters, All Other	3	4	0	1	1
17-3022	Civil Engineering Technicians	42	59	8	10	17
27-1025	Interior Designers	11	16	2	3	4
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	289	382	26	67	93
47-2021	Brickmasons and Blockmasons	40	54	4	9	13
47-2022	Stonemasons	3	4	0	1	1
47-2031	Carpenters	357	466	27	82	109
47-2041	Carpet Installers	3	4	0	1	1
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	3	4	0	1	1
47-2043	Floor Sanders and Finishers	4	6	0	1	1
47-2044	Tile and Marble Setters	18	24	2	4	6
47-2051	Cement Masons and Concrete Finishers	66	87	6	15	21
47-2053	Terrazzo Workers and Finishers	3	5	0	1	1
47-2061	Construction Laborers	370	494	38	85	123
47-2071	Paving, Surfacing, and Tamping Equipment Operators	49	64	4	11	15
47-2072	Pile-Driver Operators	1	2	0	0	0
47-2073	Operating Engineers and Other Construction Equipment Operators	275	361	22	63	86
47-2081	Drywall and Ceiling Tile Installers	26	35	3	6	9
47-2082	Tapers	1	2	0	0	0
47-2111	Electricians	282	345	-2	65	63
47-2121	Glaziers	17	22	2	4	6

47-2131	Insulation Workers, Floor, Ceiling, and Wall	9	12	1	2	3
47-2132	Insulation Workers, Mechanical	12	16	1	3	4
47-2141	Painters, Construction and Maintenance	80	107	8	18	27
47-2142	Paperhangers	2	3	0	1	1
47-2151	Pipelayers	83	108	7	19	26
47-2152	Plumbers, Pipefitters, and Steamfitters	168	223	16	39	55
47-2161	Plasterers and Stucco Masons	9	12	1	2	3

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Architecture and Construction, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
47-2171	Reinforcing Iron and Rebar Workers	6	8	1	1	2
47-2181	Roofers	30	40	3	7	10
47-2211	Sheet Metal Workers	84	103	-1	19	19
47-2221	Structural Iron and Steel Workers	17	23	2	4	6
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	30	40	3	7	10
47-3012	Helpers--Carpenters	86	113	6	20	26
47-3013	Helpers--Electricians	63	84	7	14	21
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	14	19	2	3	5
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	53	71	6	12	18
47-3016	Helpers--Roofers	8	10	1	2	3
47-3019	Helpers, Construction Trades, All Other	13	16	1	3	4
47-4011	Construction and Building Inspectors	87	115	9	20	29
47-4021	Elevator Installers and Repairers	6	8	1	1	2
47-4031	Fence Erectors	6	8	1	1	2
47-4041	Hazardous Materials Removal Workers	7	11	1	2	3
47-4051	Highway Maintenance Workers	48	62	3	11	14
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	39	2	7	9
47-4091	Segmental Pavers	2	3	0	1	1

47-4099	Construction and Related Workers, All Other	4	5	0	1	1
47-5021	Earth Drillers, Except Oil and Gas	4	5	0	1	1
47-5099	Extraction Workers, All Other	0	0	0	0	0
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	21	26	1	5	6
49-9011	Mechanical Door Repairers	6	9	1	1	2
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	30	41	4	7	11
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	102	135	9	24	33
49-9031	Home Appliance Repairers	14	19	1	3	5
49-9045	Refractory Materials Repairers, Except Brickmasons	4	5	-1	1	0
49-9051	Electrical Power-Line Installers and Repairers	85	110	5	20	25
49-9095	Manufactured Building and Mobile Home Installers	10	12	0	2	2
49-9096	Riggers	3	4	0	1	1
49-9098	Helpers--Installation, Maintenance, and Repair Workers	130	163	3	30	33
51-2041	Structural Metal Fabricators and Fitters	101	112	-12	23	11
51-8021	Stationary Engineers and Boiler Operators	49	58	-2	11	9
53-7011	Conveyor Operators and Tenders	30	37	1	7	8
53-7021	Crane and Tower Operators	47	56	-3	11	8
53-7031	Dredge Operators	0	0	0	0	0
53-7032	Excavating and Loading Machine and Dragline Operators	27	36	2	6	8
53-7041	Hoist and Winch Operators	2	2	0	0	0

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Arts, A/V Technology and Communications

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
25-1121	Art, Drama, and Music Teachers, Postsecondary	5	7	1	1	2

25-4021	Librarians	87	114	7	20	27
25-4031	Library Technicians	115	150	8	26	35
25-9011	Audio-Visual Collections Specialists	0	0	0	0	0
27-1012	Craft Artists	1	1	0	0	0
	Fine Artists, Including Painters, Sculptors, and					
27-1013	Illustrators	2	2	0	0	0
27-1014	Multi-Media Artists and Animators	4	5	1	1	2
27-1019	Artists and Related Workers, All Other	6	8	0	1	2
27-1021	Commercial and Industrial Designers	12	14	0	3	2
27-1024	Graphic Designers	59	72	-1	14	13
27-1026	Merchandise Displayers and Window Trimmers	13	17	1	3	4
27-1029	Designers, All Other	0	0	0	0	0
27-2011	Actors	2	3	0	0	1
27-2012	Producers and Directors	5	7	0	1	2
27-2031	Dancers	0	0	0	0	0
27-2032	Choreographers	1	2	0	0	1
27-2041	Music Directors and Composers	0	0	0	0	0
27-2042	Musicians and Singers	5	7	1	1	2
	Entertainers and Performers, Sports and Related					
27-2099	Workers, All Other	0	0	0	0	0
27-3011	Radio and Television Announcers	9	12	1	2	3
27-3012	Public Address System and Other Announcers	1	1	0	0	0
27-3021	Broadcast News Analysts	3	4	0	1	1
27-3022	Reporters and Correspondents	10	13	0	2	3
27-3031	Public Relations Specialists	58	81	9	13	23
27-3041	Editors	16	21	1	4	5
27-3043	Writers and Authors	6	7	1	1	2
27-3099	Media and Communication Workers, All Other	1	1	0	0	0
27-4011	Audio and Video Equipment Technicians	3	4	1	1	1
27-4012	Broadcast Technicians	13	16	1	3	4
27-4013	Radio Operators	0	0	0	0	0
27-4014	Sound Engineering Technicians	3	4	0	1	1
27-4021	Photographers	18	27	4	4	9

Camera Operators, Television, Video, and Motion

27-4031	Picture	4	5	0	1	1
27-4032	Film and Video Editors	1	2	0	0	0

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Arts, A/V Technology and Communications, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
Media and Communication Equipment Workers, All						
27-4099	Other	10	13	1	2	3
39-3092	Costume Attendants	0	1	0	0	0
43-2099	Communications Equipment Operators, All Other	2	2	0	0	0
43-9031	Desktop Publishers	8	9	0	2	2
49-9052	Telecommunications Line Installers and Repairers	42	55	3	10	12
49-9061	Camera and Photographic Equipment Repairers	0	0	0	0	0
Coin, Vending, and Amusement Machine Servicers and						
49-9091	Repairers	42	51	0	10	10
51-5011	Bindery Workers	28	31	-4	7	3
51-5012	Bookbinders	2	2	0	0	0
51-5021	Job Printers	34	35	-7	8	1
51-5022	Prepress Technicians and Workers	21	23	-3	5	2
51-5023	Printing Machine Operators	115	120	-22	26	5

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Business, Management, and Administration

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-1011	Chief Executives	229	284	3	53	56
11-1021	General and Operations Managers	923	1196	61	212	273
11-2011	Advertising and Promotions Managers	13	17	2	3	5

11-2021	Marketing Managers	49	64	4	11	15
11-2031	Public Relations Managers	39	53	5	9	14
11-3011	Administrative Services Managers	140	191	19	32	51
11-3041	Compensation and Benefits Managers	36	46	1	8	9
11-3042	Training and Development Managers	18	24	2	4	6
11-3049	Human Resources Managers, All Other	23	29	1	5	6
11-3061	Purchasing Managers	41	48	-2	9	8
11-9111	Medical and Health Services Managers	74	105	14	17	31
	Property, Real Estate, and Community Association					
11-9141	Managers	30	41	4	7	11
11-9199	Managers, All Other	77	101	6	18	24
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	0	0	0	0	0
13-1071	Employment, Recruitment, and Placement Specialists	78	106	10	18	28
13-1072	Compensation, Benefits, and Job Analysis Specialists	32	41	2	7	9
13-1073	Training and Development Specialists	88	114	6	20	26
	Human Resources, Training, and Labor Relations					
13-1079	Specialists, All Other	51	65	3	12	14
13-1111	Management Analysts	254	337	24	58	83
13-1199	Business Operations Specialists, All Other	284	376	27	65	92
13-2011	Accountants and Auditors	543	711	43	125	168
13-2031	Budget Analysts	30	38	2	7	9
15-2031	Operations Research Analysts	26	33	1	6	7
23-2091	Court Reporters	8	10	1	2	3
27-1011	Art Directors	4	5	1	1	1
	Janitors and Cleaners, Except Maids and Housekeeping					
37-2011	Cleaners	809	1107	112	186	298
37-2019	Building Cleaning Workers, All Other	1	2	0	0	0
41-3011	Advertising Sales Agents	37	49	4	8	13
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	865	1137	73	199	272
43-2021	Telephone Operators	12	16	1	3	4

43-3021	Billing and Posting Clerks and Machine Operators	232	313	27	53	81
43-4021	Correspondence Clerks	11	15	1	3	4
43-4051	Customer Service Representatives	760	990	56	175	231
43-4071	File Clerks	114	157	17	26	43
43-4121	Library Assistants, Clerical	79	102	6	18	24

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Business, Management, and Administration, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
43-4141	New Accounts Clerks	30	40	3	7	10
	Human Resources Assistants, Except Payroll and					
43-4161	Timekeeping	166	211	7	38	45
43-4171	Receptionists and Information Clerks	377	526	63	87	150
43-5021	Couriers and Messengers	34	49	7	8	15
43-5071	Shipping, Receiving, and Traffic Clerks	451	545	-10	104	94
43-6011	Executive Secretaries and Administrative Assistants	449	587	34	103	138
43-6013	Medical Secretaries	123	186	34	28	63
43-6014	Secretaries, Except Legal, Medical, and Executive	962	1278	95	221	316
43-9021	Data Entry Keyers	102	138	13	23	36
43-9022	Word Processors and Typists	29	38	3	7	10
	Mail Clerks and Mail Machine Operators, Except Postal					
43-9051	Service	44	59	6	10	16
43-9061	Office Clerks, General	1485	1966	140	342	481
43-9199	Office and Administrative Support Workers, All Other	54	71	4	12	17

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Education and Training

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-9031	Education Administrators, Preschool and Child Care Center/Program	17	29	7	4	11
11-9032	Education Administrators, Elementary and Secondary School	20	29	3	5	8
11-9033	Education Administrators, Postsecondary	7	10	1	2	3
11-9039	Education Administrators, All Other	21	27	2	5	6
21-1012	Educational, Vocational, and School Counselors	33	48	7	8	14
25-1011	Business Teachers, Postsecondary	7	10	1	2	3
25-1021	Computer Science Teachers, Postsecondary	4	6	1	1	2
25-1022	Mathematical Science Teachers, Postsecondary	4	6	1	1	2
25-1031	Architecture Teachers, Postsecondary	1	1	0	0	0
25-1032	Engineering Teachers, Postsecondary	3	5	1	1	1
25-1042	Biological Science Teachers, Postsecondary	3	4	1	1	1
25-1043	Forestry and Conservation Science Teachers, Postsecondary	1	2	0	0	0
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	1	2	0	0	0
25-1052	Chemistry Teachers, Postsecondary	2	3	0	0	1
25-1053	Environmental Science Teachers, Postsecondary	0	0	0	0	0
25-1054	Physics Teachers, Postsecondary	1	1	0	0	0
25-1061	Anthropology and Archeology Teachers, Postsecondary	0	0	0	0	0
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	1	1	0	0	0
25-1063	Economics Teachers, Postsecondary	1	1	0	0	0
25-1064	Geography Teachers, Postsecondary	0	0	0	0	0
25-1065	Political Science Teachers, Postsecondary	1	2	0	0	1
25-1066	Psychology Teachers, Postsecondary	3	4	1	1	1
25-1067	Sociology Teachers, Postsecondary	1	2	0	0	1
25-1069	Social Sciences Teachers, Postsecondary, All Other	0	0	0	0	0

25-1071	Health Specialties Teachers, Postsecondary	4	6	1	1	2
25-1072	Nursing Instructors and Teachers, Postsecondary	4	5	1	1	2
25-1081	Education Teachers, Postsecondary	8	10	1	2	3
25-1082	Library Science Teachers, Postsecondary	0	1	0	0	0
25-1112	Law Teachers, Postsecondary	2	2	0	0	1
25-1113	Social Work Teachers, Postsecondary	1	1	0	0	0
25-1122	Communications Teachers, Postsecondary	2	3	0	0	1
25-1123	English Language and Literature Teachers, Postsecondary Foreign Language and Literature Teachers, Postsecondary	6	8	1	1	3
25-1124	Postsecondary	2	3	0	0	1
25-1125	History Teachers, Postsecondary	2	3	0	0	1

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Education and Training, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
25-1126	Philosophy and Religion Teachers, Postsecondary	2	2	0	0	1
25-1191	Graduate Teaching Assistants	8	11	2	2	3
25-1192	Home Economics Teachers, Postsecondary	0	0	0	0	0
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	1	2	0	0	1
25-1199	Postsecondary Teachers, All Other	3	4	1	1	1
25-2011	Preschool Teachers, Except Special Education	104	173	45	24	69
25-2012	Kindergarten Teachers, Except Special Education	15	22	3	4	7
25-2021	Elementary School Teachers, Except Special Education Middle School Teachers, Except Special and Vocational Education	115	165	24	26	50
25-2022	Education	55	79	11	13	24
25-2023	Vocational Education Teachers, Middle School	1	1	0	0	0

25-2031	Secondary School Teachers, Except Special and Vocational Education	92	129	16	21	37
25-2032	Vocational Education Teachers, Secondary School	11	16	2	3	5
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	10	14	2	2	4
25-2042	Special Education Teachers, Middle School	16	22	2	4	6
25-2043	Special Education Teachers, Secondary School	6	10	2	1	3
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	11	16	2	3	5
25-3099	Teachers and Instructors, All Other	93	129	15	21	37
25-4011	Archivists	9	12	1	2	3
25-4012	Curators	7	10	1	2	2
25-9031	Instructional Coordinators	42	57	5	10	14
25-9041	Teacher Assistants	119	179	32	27	59
25-9099	Education, Training, and Library Workers, All Other	21	27	1	5	6
39-9031	Fitness Trainers and Aerobics Instructors	93	136	22	21	43

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Finance

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-3031	Financial Managers	207	268	13	48	61
13-1031	Claims Adjusters, Examiners, and Investigators	106	140	10	24	34
13-1032	Insurance Appraisers, Auto Damage	0	0	0	0	0
13-2041	Credit Analysts	14	18	1	3	4
13-2051	Financial Analysts	23	30	2	5	7
13-2052	Personal Financial Advisors	22	33	6	5	11
13-2053	Insurance Underwriters	11	15	2	3	4
13-2072	Loan Officers	124	164	11	29	40
13-2082	Tax Preparers	27	41	8	6	14
13-2099	Financial Specialists, All Other	40	52	3	9	12

15-2011	Actuaries	2	2	0	0	0
19-3021	Market Research Analysts	26	34	2	6	8
23-2093	Title Examiners, Abstractors, and Searchers	19	26	3	4	7
41-3021	Insurance Sales Agents	37	51	6	9	14
	Securities, Commodities, and Financial Services Sales					
41-3031	Agents	30	45	9	7	16
43-3011	Bill and Account Collectors	148	206	24	34	58
43-3031	Bookkeeping, Accounting, and Auditing Clerks	765	1005	64	176	240
43-3051	Payroll and Timekeeping Clerks	130	168	8	30	38
43-3071	Tellers	222	292	19	51	70
43-4011	Brokerage Clerks	13	20	3	3	6
43-4041	Credit Authorizers, Checkers, and Clerks	20	27	2	5	7
43-4131	Loan Interviewers and Clerks	85	112	8	20	27
43-9041	Insurance Claims and Policy Processing Clerks	20	28	3	5	8
43-9071	Office Machine Operators, Except Computer	5	6	0	1	1
43-9081	Proofreaders and Copy Markers	6	8	1	1	2

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Government and Public Administration

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-1031	Legislators	228	296	15	52	68
11-9151	Social and Community Service Managers	63	89	11	15	25
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	202	263	14	47	60
13-1061	Emergency Management Specialists	22	28	2	5	6
13-2021	Appraisers and Assessors of Real Estate	55	72	4	13	17
13-2061	Financial Examiners	6	8	1	1	2
13-2081	Tax Examiners, Collectors, and Revenue Agents	51	66	3	12	15
19-3011	Economists	11	14	1	2	3
19-3051	Urban and Regional Planners	34	44	2	8	10
33-3021	Detectives and Criminal Investigators	127	165	8	29	38

43-4031	Court, Municipal, and License Clerks	128	166	8	29	38
43-4061	Eligibility Interviewers, Government Programs	23	30	2	5	7
43-4111	Interviewers, Except Eligibility and Loan	23	34	6	5	11
43-5041	Meter Readers, Utilities	67	88	5	15	20
	Postal Service Mail Sorters, Processors, and Processing					
43-5053	Machine Operators	0	0	0	0	0
43-9111	Statistical Assistants	13	17	1	3	4
53-6051	Transportation Inspectors	10	13	1	2	3

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Health Science

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
17-2031	Biomedical Engineers	1	1	0	0	0
19-1041	Epidemiologists	0	0	0	0	0
19-1042	Medical Scientists, Except Epidemiologists	3	4	1	1	1
21-1091	Health Educators	26	38	5	6	11
29-1011	Chiropractors	9	14	3	2	5
29-1021	Dentists, General	31	47	8	7	16
29-1022	Oral and Maxillofacial Surgeons	2	2	0	0	1
29-1023	Orthodontists	2	3	1	0	1
29-1029	Dentists, All Other Specialists	3	3	0	1	1
29-1031	Dietitians and Nutritionists	39	53	5	9	14
29-1041	Optometrists	5	7	1	1	2
29-1051	Pharmacists	105	136	6	24	30
29-1061	Anesthesiologists	14	21	4	3	7
29-1062	Family and General Practitioners	34	51	8	8	16
29-1063	Internists, General	14	21	4	3	7
29-1064	Obstetricians and Gynecologists	12	18	3	3	6
29-1065	Pediatricians, General	8	12	2	2	4
29-1066	Psychiatrists	13	17	1	3	4
29-1067	Surgeons	26	39	7	6	13
29-1069	Physicians and Surgeons, All Other	70	99	13	16	29

29-1071	Physician Assistants	16	23	4	4	7
29-1081	Podiatrists	3	5	1	1	2
29-1111	Registered Nurses	617	860	101	142	243
29-1121	Audiologists	5	7	1	1	2
29-1122	Occupational Therapists	37	54	8	9	17
29-1123	Physical Therapists	58	84	13	13	26
29-1124	Radiation Therapists	0	0	0	0	0
29-1125	Recreational Therapists	24	33	4	5	10
29-1126	Respiratory Therapists	9	12	2	2	4
29-1127	Speech-Language Pathologists	24	34	5	5	10
29-1129	Therapists, All Other	2	2	0	0	1
29-1155	Speech-Language Pathologists, Non R&D	0	0	0	0	0
29-1156	Speech-Language Pathologists, R&D	0	0	0	0	0
29-1199	Health Diagnosing and Treating Practitioners, All Other	22	32	4	5	9
29-2011	Medical and Clinical Laboratory Technologists	47	65	8	11	19

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Health Science, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
29-2012	Medical and Clinical Laboratory Technicians	37	54	9	8	17
29-2021	Dental Hygienists	63	95	18	14	32
29-2031	Cardiovascular Technologists and Technicians	6	9	2	1	3
29-2032	Diagnostic Medical Sonographers	8	12	2	2	4
29-2033	Nuclear Medicine Technologists	6	8	1	1	3
29-2034	Radiologic Technologists and Technicians	31	44	7	7	14
29-2051	Dietetic Technicians	7	10	1	2	3
29-2052	Pharmacy Technicians	139	178	7	32	39
29-2053	Psychiatric Technicians	0	1	0	0	0
29-2054	Respiratory Therapy Technicians	3	4	1	1	1
29-2055	Surgical Technologists	15	23	4	3	8

29-2061	Licensed Practical and Licensed Vocational Nurses	439	634	93	101	194
29-2071	Medical Records and Health Information Technicians	61	87	13	14	27
29-2081	Opticians, Dispensing	23	32	3	5	9
29-2091	Orthotists and Prosthetists	6	7	0	1	2
29-2099	Health Technologists and Technicians, All Other	12	16	2	3	4
29-9091	Athletic Trainers	2	3	0	0	1
	Healthcare Practitioner and Technical Workers, All					
29-9099	Other	6	9	1	1	3
31-1011	Home Health Aides	737	1029	122	169	292
31-1012	Nursing Aides, Orderlies, and Attendants	783	1138	175	180	355
31-1013	Psychiatric Aides	15	22	3	4	6
31-2011	Occupational Therapist Assistants	12	18	3	3	6
31-2012	Occupational Therapist Aides	3	5	1	1	2
31-2021	Physical Therapist Assistants	27	40	6	6	12
31-2022	Physical Therapist Aides	15	21	3	3	6
31-9091	Dental Assistants	102	153	28	23	52
31-9092	Medical Assistants	178	265	47	41	88
31-9093	Medical Equipment Preparers	5	7	1	1	2
31-9094	Medical Transcriptionists	18	27	5	4	9
31-9095	Pharmacy Aides	17	22	1	4	5
31-9099	Healthcare Support Workers, All Other	49	68	7	11	19
51-9081	Dental Laboratory Technicians	9	12	1	2	3
51-9083	Ophthalmic Laboratory Technicians	8	11	1	2	3

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Hospitality and Tourism

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-9051	Food Service Managers	69	93	9	16	24
11-9071	Gaming Managers	1	1	0	0	0
11-9081	Lodging Managers	8	11	1	2	3

13-1121	Meeting and Convention Planners	12	17	2	3	5
25-3021	Self-Enrichment Education Teachers	15	23	4	4	7
25-4013	Museum Technicians and Conservators	3	3	0	1	1
27-1027	Set and Exhibit Designers	1	1	0	0	0
27-2021	Athletes and Sports Competitors	2	3	0	0	1
27-2022	Coaches and Scouts	32	45	7	7	14
27-2023	Umpires, Referees, and Other Sports Officials	1	2	0	0	1
27-3091	Interpreters and Translators	8	11	2	2	3
35-1011	Chefs and Head Cooks	67	90	7	15	22
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	305	411	36	70	106
35-2012	Cooks, Institution and Cafeteria	216	305	38	50	88
35-2013	Cooks, Private Household	1	1	0	0	0
35-2014	Cooks, Restaurant	346	462	37	80	117
35-2015	Cooks, Short Order	153	205	17	35	52
35-2019	Cooks, All Other	9	12	1	2	3
35-3011	Bartenders	131	177	16	30	46
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	88	123	14	20	35
39-1011	Gaming Supervisors	1	1	0	0	1
39-1012	Slot Key Persons	2	3	0	1	1
39-1021	First-Line Supervisors/Managers of Personal Service Workers	68	96	13	16	28
39-2011	Animal Trainers	5	6	0	1	1
39-3011	Gaming Dealers	4	7	1	1	2
39-3012	Gaming and Sports Book Writers and Runners	16	25	5	4	9
39-3019	Gaming Service Workers, All Other	1	2	0	0	1
39-3021	Motion Picture Projectionists	2	3	0	0	1
39-3031	Ushers, Lobby Attendants, and Ticket Takers	16	22	2	4	6
39-3091	Amusement and Recreation Attendants	180	260	38	41	80
39-3099	Entertainment attendants and related workers, all other	20	28	3	5	8
39-6011	Baggage Porters and Bellhops	6	9	1	1	2
39-6012	Concierges	3	4	0	1	1

39-6021	Tour Guides and Escorts	5	7	1	1	2
39-6022	Travel Guides	0	1	0	0	0
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	1	2	0	0	1
39-9032	Recreation Workers	203	277	27	47	74
41-3041	Travel Agents	13	18	3	3	5
43-2011	Switchboard Operators, Including Answering Service	72	100	11	17	27

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Hospitality and Tourism, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
43-4081	Hotel, Motel, and Resort Desk Clerks Reservation and Transportation Ticket Agents and	48	66	7	11	18
43-4181	Travel Clerks	7	10	1	2	3
51-3011	Bakers	46	58	1	11	12
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	74	89	-2	17	15

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Human Services / Family and Consumer Sciences

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-9061	Funeral Directors	9	11	1	2	3
13-2071	Loan Counselors	14	19	2	3	5
19-3031	Clinical, Counseling, and School Psychologists	25	35	4	6	9
19-3032	Industrial-Organizational Psychologists	1	1	0	0	0
19-3036	Clinical, Counseling, and School Psychologists, Non R&D	0	0	0	0	0

19-3037	Clinical, Counseling, and School Psychologists, R&D	0	0	0	0	0
19-3039	Psychologists, All Other	3	5	0	1	1
19-3041	Sociologists	0	0	0	0	0
19-3099	Social Scientists and Related Workers, All Other	19	25	1	4	6
21-1011	Substance Abuse and Behavioral Disorder Counselors	34	46	4	8	12
21-1013	Marriage and Family Therapists	7	12	3	2	5
21-1014	Mental Health Counselors	15	22	4	3	7
21-1015	Rehabilitation Counselors	154	206	17	35	53
21-1019	Counselors, All Other	0	1	0	0	0
21-1021	Child, Family, and School Social Workers	675	887	57	155	212
21-1022	Medical and Public Health Social Workers	75	105	13	17	30
21-1023	Mental Health and Substance Abuse Social Workers	71	102	14	16	31
21-1093	Social and Human Service Assistants	179	256	36	41	77
21-1099	Community and Social Service Specialists, All Other	53	71	5	12	18
21-2011	Clergy	14	19	2	3	5
21-2021	Directors, Religious Activities and Education	3	4	0	1	1
21-2099	Religious Workers, All Other	1	2	0	0	1
31-9011	Massage Therapists	6	8	1	1	2
39-4011	Embalmers	6	7	1	1	2
39-4021	Funeral Attendants	17	23	2	4	6
39-5011	Barbers	2	3	0	0	1
39-5092	Manicurists and Pedicurists	7	9	1	2	2
39-5093	Shampooers	1	2	0	0	0
39-5094	Skin Care Specialists	1	1	0	0	0
39-9011	Child Care Workers	332	516	107	76	184
39-9021	Personal and Home Care Aides	265	392	66	61	127
39-9041	Residential Advisors	24	35	5	6	11
39-9099	Personal Care and Service Workers, All Other	13	18	1	3	4
51-6052	Tailors, Dressmakers, and Custom Sewers	6	8	0	1	1

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Information Technology

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-3021	Computer and Information Systems Managers	83	108	7	19	26
15-1021	Computer Programmers	156	208	16	36	52
15-1022	Computer Programmers, Non R&D	1	1	0	0	0
15-1023	Computer Programmers, R&D	0	0	0	0	0
15-1031	Computer Software Engineers, Applications	43	58	5	10	15
15-1032	Computer Software Engineers, Systems Software	47	68	9	11	20
15-1041	Computer Support Specialists	125	166	12	29	41
15-1051	Computer Systems Analysts	180	234	12	41	54
15-1052	Computer Systems Analysts, Non R&D	0	1	0	0	0
15-1061	Database Administrators	28	37	3	6	9
15-1071	Network and Computer Systems Administrators	51	67	5	12	17
15-1081	Network Systems and Data Communications Analysts	46	62	6	11	16
15-1099	Computer Specialists, All Other	64	83	5	15	19
43-9011	Computer Operators Computer, Automated Teller, and Office Machine	36	47	3	8	11
49-2011	Repairers	29	38	2	7	9
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	47	60	3	11	14

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Law, Public Safety and Security

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
19-4092	Forensic Science Technicians	7	9	1	2	2
21-1029	Social Workers, All Other	105	137	8	24	32

	Probation Officers and Correctional Treatment					
21-1092	Specialists	83	108	6	19	25
23-1011	Lawyers	237	333	42	55	96
	Administrative Law Judges, Adjudicators, and Hearing					
23-1021	Officers	14	18	1	3	4
23-1022	Arbitrators, Mediators, and Conciliators	9	12	1	2	3
23-1023	Judges, Magistrate Judges, and Magistrates	115	149	8	26	34
23-2011	Paralegals and Legal Assistants	128	186	28	29	58
23-2092	Law Clerks	29	39	4	7	11
23-2099	Legal Support Workers, All Other	16	21	1	4	5
	Criminal Justice and Law Enforcement Teachers,					
25-1111	Postsecondary	1	2	0	0	1
29-2041	Emergency Medical Technicians and Paramedics	293	389	29	67	96
33-1011	First-Line Supervisors/Managers of Correctional Officers	39	50	3	9	12
	First-Line Supervisors/Managers of Police and					
33-1012	Detectives	123	160	8	28	36
	First-Line Supervisors/Managers of Fire Fighting and					
33-1021	Prevention Workers	75	98	5	17	22
	First-Line Supervisors/Managers, Protective Service					
33-1099	Workers, All Other	20	26	2	5	6
33-2011	Fire Fighters	435	564	29	100	129
33-2021	Fire Inspectors and Investigators	20	26	1	5	6
33-2022	Forest Fire Inspectors and Prevention Specialists	0	0	0	0	0
33-3011	Bailiffs	41	53	3	9	12
33-3012	Correctional Officers and Jailers	945	1225	63	217	280
33-3041	Parking Enforcement Workers	17	22	1	4	5
33-3051	Police and Sheriff's Patrol Officers	1175	1523	78	270	348
33-3052	Transit and Railroad Police	1	2	0	0	1
33-9011	Animal Control Workers	28	36	2	6	8
33-9021	Private Detectives and Investigators	12	17	2	3	5
33-9031	Gaming Surveillance Officers and Gaming Investigators	0	1	0	0	0

33-9032	Security Guards	335	461	50	77	127
33-9091	Crossing Guards	45	58	3	10	13
	Lifeguards, Ski Patrol, and Other Recreational					
33-9092	Protective Service Workers	95	127	11	22	33
33-9099	Protective Service Workers, All Other	37	49	3	9	12
43-5031	Police, Fire, and Ambulance Dispatchers	160	208	11	37	48
43-6012	Legal Secretaries	101	149	26	23	49

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Manufacturing

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-3051	Industrial Production Managers	166	190	-14	38	24
	Purchasing Agents, Except Wholesale, Retail, and Farm					
13-1023	Products	173	210	-3	40	37
17-3026	Industrial Engineering Technicians	58	70	-2	13	12
17-3027	Mechanical Engineering Technicians	39	48	1	9	9
47-2011	Boilermakers	7	9	1	2	2
	First-Line Supervisors/Managers of Mechanics,					
49-1011	Installers, and Repairers	337	427	12	78	89
49-2021	Radio Mechanics	5	6	0	1	2
49-2092	Electric Motor, Power Tool, and Related Repairers	15	19	1	3	4
	Electrical and Electronics Repairers, Commercial and					
49-2094	Industrial Equipment	90	103	-7	21	14
	Electronic Home Entertainment Equipment Installers					
49-2097	and Repairers	6	8	0	1	2
49-2098	Security and Fire Alarm Systems Installers	13	18	2	3	5
	Outdoor Power Equipment and Other Small Engine					
49-3053	Mechanics	10	13	1	2	3
49-9041	Industrial Machinery Mechanics	374	413	-47	86	39
49-9042	Maintenance and Repair Workers, General	1424	1766	15	328	342
49-9043	Maintenance Workers, Machinery	126	134	-21	29	8

49-9044	Millwrights	74	82	-9	17	8
49-9062	Medical Equipment Repairers	10	13	1	2	3
49-9063	Musical Instrument Repairers and Tuners	1	1	0	0	0
	Precision Instrument and Equipment Repairers, All					
49-9069	Other	9	10	0	2	2
49-9093	Fabric Menders, Except Garment	5	5	-1	1	0
49-9094	Locksmiths and Safe Repairers	9	13	2	2	4
	Installation, Maintenance, and Repair Workers, All					
49-9099	Other	44	57	3	10	13
	First-Line Supervisors/Managers of Production and					
51-1011	Operating Workers	817	924	-82	188	106
	Aircraft Structure, Surfaces, Rigging, and Systems					
51-2011	Assemblers	0	0	0	0	0
51-2021	Coil Winders, Tapers, and Finishers	26	25	-6	6	0
51-2022	Electrical and Electronic Equipment Assemblers	156	167	-26	36	10
51-2023	Electromechanical Equipment Assemblers	19	20	-3	4	1
51-2031	Engine and Other Machine Assemblers	32	37	-2	7	5
51-2091	Fiberglass Laminators and Fabricators	32	39	0	7	7
51-2092	Team Assemblers	1248	1456	-79	287	208
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	2	3	0	1	0
51-2099	Assemblers and Fabricators, All Other	106	126	-4	24	20
	Computer-Controlled Machine Tool Operators, Metal					
51-4011	and Plastic	81	90	-10	19	9
51-4012	Numerical Tool and Process Control Programmers	10	12	-1	2	2
51-4021	Extruding and Drawing Machine Setters, Operators, and	193	219	-19	44	26
	Tenders, Metal and Plastic					
51-4022	Forging Machine Setters, Operators, and Tenders,	32	34	-5	7	3
	Metal and Plastic					
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal	38	41	-6	9	2
	and Plastic					

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Manufacturing, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	219	249	-21	50	30
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	81	87	-13	19	6
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	147	163	-18	34	16
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	73	76	-14	17	3
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	33	35	-5	8	3
51-4041	Machinists	369	422	-32	85	53
51-4051	Metal-Refining Furnace Operators and Tenders	25	25	-6	6	0
51-4052	Pourers and Casters, Metal	29	28	-7	7	-1
51-4061	Model Makers, Metal and Plastic	4	4	0	1	0
51-4062	Patternmakers, Metal and Plastic	4	4	0	1	0
51-4071	Foundry Mold and Coremakers	11	12	-1	3	1
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	149	168	-14	34	20
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	59	68	-4	14	9
51-4111	Tool and Die Makers	66	74	-8	15	7
51-4121	Welders, Cutters, Solderers, and Brazers	255	293	-20	59	39
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	66	71	-9	15	6
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	37	40	-6	9	3
51-4192	Lay-Out Workers, Metal and Plastic	5	6	-1	1	1

51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	62	68	-8	14	6
51-4194	Tool Grinders, Filers, and Sharpeners	17	19	-2	4	2
51-4199	Metal Workers and Plastic Workers, All Other	15	17	-1	3	3
51-6031	Sewing Machine Operators	288	301	-54	66	13
51-6041	Shoe and Leather Workers and Repairers	1	1	0	0	0
51-6051	Sewers, Hand	13	15	-1	3	2
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	204	188	-63	47	-16
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	53	52	-13	12	-1
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	521	482	-159	120	-39
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	460	447	-119	106	-13
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	56	61	-9	13	4
51-6092	Fabric and Apparel Patternmakers	9	8	-3	2	-1

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Manufacturing, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
51-6093	Upholsterers	4	5	0	1	1
51-6099	Textile, Apparel, and Furnishings Workers, All Other	38	43	-5	9	4
51-7011	Cabinetmakers and Bench Carpenters	63	75	-2	14	12
51-7021	Furniture Finishers	3	4	0	1	1
51-7031	Model Makers, Wood	0	0	0	0	0
51-7032	Patternmakers, Wood	2	2	0	0	0
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	136	159	-8	31	23

51-7099	Woodworkers, All Other	4	5	0	1	1
51-8011	Nuclear Power Reactor Operators	4	5	0	1	1
51-8012	Power Distributors and Dispatchers	2	3	0	0	1
51-8013	Power Plant Operators	55	70	3	13	16
51-8091	Chemical Plant and System Operators	169	203	-4	39	34
51-8099	Plant and System Operators, All Other	4	5	0	1	1
51-9011	Chemical Equipment Operators and Tenders	179	220	-1	41	40
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	28	32	-2	6	4
51-9022	Grinding and Polishing Workers, Hand	19	21	-2	4	2
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	257	305	-11	59	48
51-9031	Cutters and Trimmers, Hand	26	27	-4	6	2
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	173	202	-11	40	29
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	120	143	-5	28	23
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	60	68	-5	14	8
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	807	924	-69	186	117
51-9071	Jewelers and Precious Stone and Metal Workers	3	4	0	1	1
51-9082	Medical Appliance Technicians	4	5	0	1	1
51-9111	Packaging and Filling Machine Operators and Tenders	499	612	-2	115	113
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	102	111	-14	23	9
51-9122	Painters, Transportation Equipment	19	26	2	4	7
51-9123	Painting, Coating, and Decorating Workers	17	21	-1	4	3
51-9131	Photographic Process Workers	5	6	0	1	2
51-9132	Photographic Processing Machine Operators	27	34	1	6	7
51-9141	Semiconductor Processors	0	0	0	0	0

51-9191	Cementing and Gluing Machine Operators and Tenders Cleaning, Washing, and Metal Pickling Equipment	17	19	-2	4	2
51-9192	Operators and Tenders	20	24	0	5	5
51-9193	Cooling and Freezing Equipment Operators and Tenders	13	16	0	3	3
51-9194	Etchers and Engravers	3	3	0	1	0
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	13	16	0	3	3
51-9196	Paper Goods Machine Setters, Operators, and Tenders	111	116	-20	25	5
51-9197	Tire Builders	68	82	-1	16	14
51-9198	Helpers--Production Workers	675	783	-47	155	108
51-9199	Production Workers, All Other	121	150	2	28	29
53-7064	Packers and Packagers, Hand	576	718	10	132	142

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Marketing, Sales and Service

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-2022	Sales Managers	121	150	1	28	29
13-1022	Wholesale and Retail Buyers, Except Farm Products	29	37	1	7	8
27-1022	Fashion Designers	3	2	-1	1	0
27-1023	Floral Designers	20	25	1	5	6
	Locker Room, Coatroom, and Dressing Room					
39-3093	Attendants	3	4	0	1	1
39-5012	Hairdressers, Hairstylists, and Cosmetologists	78	103	7	18	25
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	421	540	22	97	119
	First-Line Supervisors/Managers of Non-Retail Sales					
41-1012	Workers	70	91	5	16	21
41-2022	Parts Salespersons	100	129	5	23	28

41-3099	Sales Representatives, Services, All Other	59	79	7	14	20
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	134	167	2	31	33
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	487	596	-4	112	108
41-9011	Demonstrators and Product Promoters	19	27	3	4	8
41-9021	Real Estate Brokers	13	18	2	3	5
41-9022	Real Estate Sales Agents	63	87	10	15	24
41-9031	Sales Engineers	15	17	-1	3	3
41-9041	Telemarketers	55	76	9	13	22
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	3	5	0	1	1
41-9099	Sales and Related Workers, All Other	35	46	3	8	11
43-3061	Procurement Clerks	58	73	2	13	15
43-4151	Order Clerks	84	102	-1	19	18
43-4199	Information and Record Clerks, All Other	149	194	11	34	45
43-5081	Stock Clerks and Order Fillers	791	1016	43	182	225
51-6011	Laundry and Dry-Cleaning Workers	97	130	11	22	33
51-6021	Pressers, Textile, Garment, and Related Materials	48	61	1	11	12
53-3031	Driver/Sales Workers	195	254	14	45	59
53-6021	Parking Lot Attendants	21	28	2	5	7
53-6031	Service Station Attendants	15	20	2	3	5

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Science, Technology, Engineering and Mathematics

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-9041	Engineering Managers	102	125	0	23	23
15-1011	Computer and Information Scientists, Research	14	18	1	3	4
15-2021	Mathematicians	0	0	0	0	0

15-2041	Statisticians	8	10	1	2	2
15-2091	Mathematical Technicians	0	0	0	0	0
15-2099	Mathematical Science Occupations, All Other	1	1	0	0	0
17-2011	Aerospace Engineers	2	3	0	0	1
17-2021	Agricultural Engineers	3	4	0	1	1
17-2041	Chemical Engineers	44	57	3	10	13
17-2051	Civil Engineers	216	288	23	50	73
17-2061	Computer Hardware Engineers	16	21	1	4	5
17-2071	Electrical Engineers	97	116	-3	22	19
17-2072	Electronics Engineers, Except Computer	79	102	5	18	23
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	25	31	1	6	7
17-2112	Industrial Engineers	256	292	-23	59	36
17-2121	Marine Engineers and Naval Architects	2	3	0	1	1
17-2131	Materials Engineers	19	20	-3	4	2
17-2141	Mechanical Engineers	115	138	-3	26	23
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	0	1	0	0	0
17-2161	Nuclear Engineers	24	35	5	6	11
17-2199	Engineers, All Other	55	71	4	13	16
17-3011	Architectural and Civil Drafters	34	48	7	8	15
17-3012	Electrical and Electronics Drafters	22	27	-1	5	5
17-3023	Electrical and Electronic Engineering Technicians	138	177	8	32	39
17-3024	Electro-Mechanical Technicians	7	7	-1	2	0
17-3029	Engineering Technicians, Except Drafters, All Other	35	44	1	8	9
17-3031	Surveying and Mapping Technicians	52	74	10	12	22
19-1021	Biochemists and Biophysicists	3	4	0	1	1
19-1022	Microbiologists	5	6	0	1	1
19-1029	Biological Scientists, All Other	18	23	1	4	5
19-1031	Conservation Scientists	15	19	1	3	5
19-1099	Life Scientists, All Other	1	1	0	0	0
19-2012	Physicists	3	4	0	1	1

19-2021	Atmospheric and Space Scientists	7	9	0	2	2
19-2031	Chemists	76	94	0	17	18
19-2032	Materials Scientists	1	2	0	0	0
19-2041	Environmental Scientists and Specialists, Including Health	20	27	2	5	6
19-2042	Geoscientists, Except Hydrologists and Geographers	66	86	5	15	20
19-2043	Hydrologists	15	20	1	3	5
19-2099	Physical Scientists, All Other	9	12	1	2	3
19-3022	Survey Researchers	9	13	2	2	4

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Science, Technology, Engineering and Mathematics, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
19-3091	Anthropologists and Archeologists	2	3	0	0	1
19-3092	Geographers	1	1	0	0	0
19-3093	Historians	1	2	0	0	0
19-3094	Political Scientists	1	1	0	0	0
19-4021	Biological Technicians	19	25	1	4	6
19-4031	Chemical Technicians	111	133	-3	25	22
19-4051	Nuclear Technicians	7	10	1	2	3
19-4061	Social Science Research Assistants	3	3	0	1	1
19-4099	Life, Physical, and Social Science Technicians, All Other	15	20	1	3	5
25-1194	Vocational Education Teachers, Postsecondary	8	11	2	2	3
27-3042	Technical Writers	7	10	1	2	3
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	58	69	-2	13	12

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Transportation, Distribution and Logistics

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
11-3071	Transportation, Storage, and Distribution Managers	61	80	5	14	19
11-9131	Postmasters and Mail Superintendents	0	0	0	0	0
13-1081	Logisticians	40	53	3	9	12
43-5011	Cargo and Freight Agents	14	20	2	3	5
43-5032	Dispatchers, Except Police, Fire, and Ambulance	101	134	9	23	32
43-5051	Postal Service Clerks	0	0	0	0	0
43-5052	Postal Service Mail Carriers	0	0	0	0	0
43-5061	Production, Planning, and Expediting Clerks Rail-Track Laying and Maintenance Equipment	184	214	-12	42	30
47-4061	Operators	0	1	0	0	0
49-2091	Avionics Technicians	11	14	1	3	3
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	5	6	0	1	1
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	8	11	1	2	3
49-3011	Aircraft Mechanics and Service Technicians Aircraft Mechanics and Service Technicians, FAA	2	2	0	0	1
49-3012	Certified Aircraft Mechanics and Service Technicians, not FAA	36	47	4	8	12
49-3013	Certified	7	10	1	2	3
49-3021	Automotive Body and Related Repairers	61	83	8	14	22
49-3022	Automotive Glass Installers and Repairers	8	12	1	2	3
49-3023	Automotive Service Technicians and Mechanics	276	364	24	64	87
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	165	216	13	38	51
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	72	94	5	17	22
49-3043	Rail Car Repairers	0	1	0	0	0
49-3051	Motorboat Mechanics	8	10	1	2	3
49-3052	Motorcycle Mechanics	8	10	0	2	2
49-3091	Bicycle Repairers	1	1	0	0	0

49-3092	Recreational Vehicle Service Technicians	8	10	1	2	2
49-3093	Tire Repairers and Changers	53	68	2	12	14
49-9097	Signal and Track Switch Repairers	0	0	0	0	0
53-1011	Aircraft Cargo Handling Supervisors	1	1	0	0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	115	146	4	26	31
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	101	130	6	23	29
53-2011	Airline Pilots, Copilots, and Flight Engineers	7	10	0	2	2
53-2012	Commercial Pilots	4	5	0	1	1
53-2021	Air Traffic Controllers	20	26	1	5	6
53-2022	Airfield Operations Specialists	3	4	0	1	1
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	30	46	9	7	16
53-3021	Bus Drivers, Transit and Intercity	135	176	10	31	41
53-3022	Bus Drivers, School	78	113	17	18	35
53-3032	Truck Drivers, Heavy and Tractor-Trailer	829	1070	50	191	241
53-3033	Truck Drivers, Light or Delivery Services	374	482	22	86	108
53-3041	Taxi Drivers and Chauffeurs	48	69	10	11	21

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Career Clusters: Transportation, Distribution and Logistics, continued

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
53-3099	Motor Vehicle Operators, All Other	25	33	2	6	8
53-4011	Locomotive Engineers	0	0	0	0	0
53-4012	Locomotive Firers	0	0	0	0	0
53-4013	Rail Yard Engineers, Dinky Operators, and Hostlers	0	0	0	0	0
53-4021	Railroad Brake, Signal, and Switch Operators	0	0	0	0	0
53-4031	Railroad Conductors and Yardmasters	0	0	0	0	0
53-4041	Subway and Streetcar Operators	0	0	0	0	0

53-4099	Rail Transportation Workers, All Other	1	1	0	0	0
53-5011	Sailors and Marine Oilers	2	3	0	0	1
53-5021	Captains, Mates, and Pilots of Water Vessels	6	9	1	1	3
53-5022	Motorboat Operators	0	1	0	0	0
53-5031	Ship Engineers	1	2	0	0	0
53-6011	Bridge and Lock Tenders	1	1	0	0	0
53-6041	Traffic Technicians	3	4	0	1	1
53-6099	Transportation Workers, All Other	6	9	1	1	3
53-7051	Industrial Truck and Tractor Operators	683	837	-4	157	154
53-7061	Cleaners of Vehicles and Equipment	184	233	6	42	49
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1688	2167	91	388	479
53-7063	Machine Feeders and Offbearers	265	302	-24	61	37
53-7121	Tank Car, Truck, and Ship Loaders	5	6	0	1	1
53-7199	Material Moving Workers, All Other	14	17	0	3	3

Table A-13. Projected Occupation Employment Growth by Career Cluster, Upper Savannah Region, 2006-2016

Jobs in Other Occupations Not Considered Career Options

SOC	Occupation Name	2006 Occupation Employment	2016 Occupation Employment	Change from Industry	Job Opportunities	Total New Hires
35-2011	Cooks, Fast Food	380	506	39	87	126
35-2021	Food Preparation Workers	384	516	44	88	132
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	827	1108	91	190	281
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	185	248	21	42	63
35-3031	Waiters and Waitresses	1015	1362	113	234	347
35-3041	Food Servers, Nonrestaurant	89	127	18	20	38
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	123	166	15	28	43
35-9021	Dishwashers	194	261	23	45	67
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	135	181	14	31	46

Food Preparation and Serving Related Workers, All

35-9099	Other	2	3	0	0	1
37-2012	Maids and Housekeeping Cleaners	380	525	58	87	145
41-2011	Cashiers	1662	2135	90	382	472
41-2012	Gaming Change Persons and Booth Cashiers	0	0	0	0	0
41-2021	Counter and Rental Clerks	148	198	16	34	50
41-2031	Retail Salespersons	1350	1730	69	311	380
43-3041	Gaming Cage Workers	1	1	0	0	0