

NR/MR WDA IN-DEMAND OCCUPATION LIST 2022-2024

IT/Advanced Technology													
SOC	Description	2017 Jobs	2022 Jobs	2017 - 2022 Change	2017 - 2022 % Change	Median Hourly Earnings	Avg. Annual Openings	2022 Hires	2021 Turnover Rate	2022 Location Quotient	Expected Change	Competitive Effect	Typical Entry Level Education
11-3021	Computer and Information Systems Managers	157	195	38	24%	\$59.64	25	76	29%	0.39	50	(12)	Bachelor's degree
15-1211	Computer Systems Analysts	332	315	(17)	(5%)	\$34.88	33	112	33%	0.58	(35)	(17)	Bachelor's degree
15-1212	Information Security Analysts	116	167	51	44%	\$44.22	24	90	38%	1.03	68	(17)	Bachelor's degree
15-1232	Computer User Support Specialists	625	895	270	43%	\$23.92	116	347	38%	1.27	62	207	Some college, no degree
15-1241	Computer Network Architects	96	143	48	50%	\$39.01	19	55	33%	0.86	8	40	Bachelor's degree
15-1242	Database Administrators	78	66	(12)	(15%)	\$37.92	8	21	29%	0.76	17	(29)	Bachelor's degree
15-1244	Network and Computer Systems Administrators	350	313	(37)	(11%)	\$37.77	29	98	34%	0.97	(46)	9	Bachelor's degree
15-1251	Computer Programmers	169	153	(16)	(9%)	\$32.44	27	51	34%	0.79	(50)	34	Bachelor's degree
15-1252	Software Developers	519	652	132	25%	\$47.77	83	305	30%	0.45	164	(32)	Bachelor's degree
15-1253	Software Quality Assurance Analysts and Testers	61	63	2	3%	\$43.43	9	39	40%	0.33	19	(17)	Bachelor's degree
15-1254	Web Developers	82	111	29	36%	\$35.01	14	30	25%	0.80	16	13	Bachelor's degree
15-1299	Computer Occupations, All Other	210	143	(67)	(32%)	\$41.11	18	44	24%	0.33	(0)	(67)	Bachelor's degree
15-2031	Operations Research Analysts	55	96	41	75%	\$43.69	18	38	30%	0.98	(2)	43	Bachelor's degree
27-1024	Graphic Designers	198	210	12	6%	\$20.30	32	73	27%	0.61	(1)	13	Bachelor's degree
27-4011	Audio and Video Technicians	89	111	22	25%	\$23.12	27	72	50%	1.40	(18)	40	Postsecondary nondegree award
Manufacturing/Maintenance/Production													
SOC	Description	2017 Jobs	2022 Jobs	2017 - 2022 Change	2017 - 2022 % Change	Median Hourly Earnings	Avg. Annual Openings	2022 Hires	2021 Turnover Rate	2022 Location Quotient	Expected Change	Competitive Effect	Typical Entry Level Education
11-3051	Industrial Production Managers	198	258	60	30%	\$52.50	35	79	24%	1.33	23	37	Bachelor's degree
17-2041	Chemical Engineers	94	78	(16)	(17%)	\$38.77	13	15	16%	3.35	(25)	10	Bachelor's degree
17-2071	Electrical Engineers	165	316	151	91%	\$40.81	50	91	21%	1.70	7	144	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	108	102	(6)	(6%)	\$46.20	14	36	26%	0.94	(19)	13	Bachelor's degree
17-2112	Industrial Engineers	515	534	19	4%	\$38.53	64	183	25%	1.88	71	(52)	Bachelor's degree
17-2141	Mechanical Engineers	246	264	18	7%	\$40.49	34	87	22%	0.96	(4)	22	Bachelor's degree
17-2199	Engineers, All Other	131	125	(6)	(5%)	\$43.27	21	29	18%	0.63	20	(26)	Bachelor's degree
17-3023	Electrical and Electronic Engineering Technicians	143	194	51	36%	\$28.57	36	77	32%	1.82	(21)	72	Associate's degree
17-3026	Industrial Engineering Technologists and Technicians	213	181	(32)	(15%)	\$27.75	33	75	42%	2.98	(2)	(30)	Associate's degree
19-2031	Chemists	63	58	(5)	(8%)	\$38.01	13	17	22%	0.73	(1)	(4)	Bachelor's degree
19-5011	Occupational Health and Safety Specialists	121	193	72	60%	\$31.46	28	72	36%	1.83	37	36	Bachelor's degree
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	639	658	18	3%	\$30.96	75	293	43%	1.25	88	(69)	High school diploma or equivalent
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	61	94	33	54%	\$23.22	18	29	23%	1.65	(8)	41	Postsecondary nondegree award
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	142	206	63	45%	\$24.97	39	130	53%	1.23	13	51	High school diploma or equivalent
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	290	319	29	10%	\$20.21	47	133	35%	0.74	56	(27)	Postsecondary nondegree award
49-9041	Industrial Machinery Mechanics	761	1,029	268	35%	\$27.63	174	412	31%	2.66	91	177	High school diploma or equivalent
49-9043	Maintenance Workers, Machinery	83	84	1	1%	\$24.42	16	32	32%	1.51	(23)	24	High school diploma or equivalent
49-9044	Millwrights	72	52	(20)	(27%)	\$32.60	12	31	56%	1.36	(0)	(19)	High school diploma or equivalent
49-9071	Maintenance and Repair Workers, General	1,787	1,966	179	10%	\$19.47	245	982	47%	1.27	146	33	High school diploma or equivalent
49-9098	Helpers--Installation, Maintenance, and Repair Workers	156	119	(37)	(24%)	\$14.46	21	78	61%	1.40	(29)	(8)	High school diploma or equivalent
49-9099	Installation, Maintenance, and Repair Workers, All Other	208	177	(31)	(15%)	\$16.82	27	88	38%	0.71	(26)	(5)	High school diploma or equivalent
51-1011	First-Line Supervisors of Production and Operations	1,113	1,105	(8)	(1%)	\$29.85	145	513	39%	1.79	35	(43)	High school diploma or equivalent
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Machine Setters	743	625	(118)	(16%)	\$18.02	140	301	26%	2.37	57	(175)	High school diploma or equivalent
51-2098	Miscellaneous Assemblers and Fabricators	4,171	3,915	(256)	(6%)	\$16.50	627	2,430	63%	3.05	108	(363)	High school diploma or equivalent
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders	259	162	(98)	(38%)	\$15.29	34	100	45%	0.95	(12)	(86)	High school diploma or equivalent
51-4041	Machinists	582	544	(38)	(6%)	\$21.19	88	263	37%	1.63	(58)	20	High school diploma or equivalent
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders	283	363	81	29%	\$14.10	68	157	49%	2.40	17	63	High school diploma or equivalent
51-4081	Multiple Machine Tool Setters, Operators, and Tenders	168	168	(0)	(0%)	\$15.45	37	106	46%	1.25	25	(25)	High school diploma or equivalent
51-4111	Tool and Die Makers	132	104	(28)	(21%)	\$22.47	22	55	43%	1.69	(17)	(11)	Postsecondary nondegree award
51-4121	Welders, Cutters, Solderers, and Brazers	589	539	(49)	(8%)	\$19.41	97	298	51%	1.27	43	(92)	High school diploma or equivalent
51-5112	Printing Press Operators	91	111	20	22%	\$15.01	22	59	55%	0.77	(15)	35	High school diploma or equivalent
51-6064	Textile Winding, Twisting, and Drawing Out Machine Operators and Tenders	279	335	56	20%	\$14.74	85	191	51%	15.51	(72)	128	High school diploma or equivalent
51-7011	Cabinetmakers and Bench Carpenters	296	281	(15)	(5%)	\$14.27	49	181	51%	2.60	(3)	(12)	High school diploma or equivalent
51-7021	Furniture Finishers	58	54	(4)	(7%)	\$13.93	10	62	88%	1.97	(7)	3	High school diploma or equivalent
51-7041	Sawing Machine Setters, Operators, and Tenders	208	190	(17)	(8%)	\$13.92	40	177	109%	4.16	(24)	6	High school diploma or equivalent
51-7042	Woodworking Machine Setters, Operators, and Tenders	315	334	19	6%	\$13.30	52	293	83%	5.24	(43)	61	High school diploma or equivalent
51-8031	Water and Wastewater Treatment Plant and System Operators	250	303	53	21%	\$20.52	40	106	31%	2.75	6	47	High school diploma or equivalent
51-9012	Separating, Filtering, Clarifying, Precipitating, and Dissolving Machine Operators and Tenders	115	110	(4)	(4%)	\$18.25	26	37	27%	2.14	6	(11)	High school diploma or equivalent
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	248	353	105	42%	\$18.39	66	126	35%	3.43	(36)	141	High school diploma or equivalent
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	95	210	115	121%	\$16.28	45	104	57%	3.85	(8)	123	High school diploma or equivalent
51-9041	Extruding, Forming, Pressing, and Compacting Machine Operators and Tenders	93	194	100	108%	\$16.11	44	67	41%	3.63	(23)	124	High school diploma or equivalent
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,027	809	(219)	(21%)	\$15.87	134	475	57%	1.45	13	(232)	High school diploma or equivalent
51-9111	Packaging and Filling Machine Operators and Tenders	451	578	127	28%	\$15.39	98	322	53%	1.66	(28)	155	High school diploma or equivalent
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	356	642	286	80%	\$21.56	127	304	45%	4.00	28	258	High school diploma or equivalent
51-9161	Computer Numerically Controlled Tool Operators	166	138	(29)	(17%)	\$18.59	28	67	42%	0.93	16	(45)	High school diploma or equivalent
51-9191	Adhesive Bonding Machine Operators and Tenders	85	99	14	16%	\$19.70	27	54	56%	7.70	(15)	29	High school diploma or equivalent
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	58	77	19	32%	\$14.59	18	31	28%	1.48	(6)	24	High school diploma or equivalent
51-9196	Paper Goods Machine Setters, Operators, and Tenders	67	124	58	87%	\$17.81	33	52	47%	1.54	(5)	62	High school diploma or equivalent
51-9198	Helpers--Production Workers	265	313	47	18%	\$14.13	69	256	81%	1.61	(106)	153	High school diploma or equivalent
Logistics and Warehousing													
SOC	Description	2017 Jobs	2022 Jobs	2017 - 2022 Change	2017 - 2022 % Change	Median Hourly Earnings	Avg. Annual Openings	2022 Hires	2021 Turnover Rate	2022 Location Quotient	Expected Change	Competitive Effect	Typical Entry Level Education
11-3071	Transportation, Storage, and Distribution Managers	129	81	(48)	(37%)	\$40.54	15	27	30%	0.49	36	(84)	High school diploma or equivalent
13-1081	Logisticians	117	182	65	55%	\$34.41	30	98	34%	0.86	44	20	Bachelor's degree
43-5032	Dispatchers, Except Police, Fire, and Ambulance	112	160	48	43%	\$18.51	27	84	58%	0.80	2	47	High school diploma or equivalent
43-5061	Production, Planning, and Expediting Clerks	260	322	61	24%	\$21.52	48	182	47%	0.87	21	40	High school diploma or equivalent
43-5071	Shipping, Receiving, and Inventory Clerks	596	777	181	30%	\$16.67	111	411	50%	1.01	117	63	High school diploma or equivalent
53-1047	First-Line Supervisors of Transportation and Material Moving Workers	462	588	126	27%	\$23.44	98	383	61%	1.09	187	(61)	High school diploma or equivalent

53-3032	Heavy and Tractor-Trailer Truck Drivers	2,159	2,460	301	14%	\$18.97	375	1,367	51%	0.95	221	80	Postsecondary nondegree award
53-3033	Light Truck Drivers	914	1,132	217	24%	\$14.95	177	815	70%	0.95	167	50	High school diploma or equivalent
53-7051	Industrial Truck and Tractor Operators	529	462	(67)	(13%)	\$17.35	82	328	63%	0.61	203	(269)	No formal educational credential
53-7062	Laborers and Freight, Stock, and Material Mover	1,994	2,434	440	22%	\$16.04	418	2,631	96%	0.87	93	347	No formal educational credential
53-7063	Machine Feeders and Offbearers	115	106	(8)	(7%)	\$13.20	27	84	79%	1.65	(6)	(2)	No formal educational credential
53-7065	Stockers and Order Fillers	2,002	3,041	1,039	52%	\$13.27	612	3,059	90%	1.30	440	599	High school diploma or equivalent
53-7081	Refuse and Recyclable Material Collectors	318	239	(79)	(25%)	\$12.59	47	142	52%	1.77	36	(115)	No formal educational credential

Health Care & Biotechnology

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11-9111	Medical and Health Services Managers	243	280	37	15%	\$42.68	33	149	37%	0.59	69	(32)	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	69	107	38	56%	\$37.98	18	29	23%	0.91	0	38	Doctoral or professional degree
19-4021	Biological Technicians	127	350	223	175%	\$23.32	73	154	42%	4.37	5	218	Bachelor's degree
21-1015	Rehabilitation Counselors	90	87	(3)	(3%)	\$17.64	17	41	48%	0.99	(12)	9	Master's degree
21-1018	Substance Abuse, Behavioral Disorder, and Men	511	819	308	60%	\$22.01	140	385	47%	2.32	171	137	Bachelor's degree
21-1021	Child, Family, and School Social Workers	563	412	(151)	(27%)	\$21.32	53	174	35%	1.28	66	(217)	Bachelor's degree
21-1022	Healthcare Social Workers	104	138	35	34%	\$23.17	23	88	56%	0.83	4	30	Master's degree
21-1093	Social and Human Service Assistants	359	524	165	46%	\$15.21	96	311	61%	1.31	21	144	High school diploma or equivalent
21-1099	Community and Social Service Specialists, All O	62	121	59	96%	\$23.60	24	53	35%	1.26	(4)	64	Bachelor's degree
29-1021	Dentists, General	162	197	36	22%	\$66.61	19	31	15%	1.39	(3)	38	Doctoral or professional degree
29-1051	Pharmacists	330	272	(58)	(17%)	\$58.93	19	68	22%	0.92	9	(67)	Doctoral or professional degree
29-1071	Physician Assistants	111	108	(3)	(3%)	\$52.10	12	40	26%	0.80	31	(34)	Master's degree
29-1122	Occupational Therapists	128	87	(41)	(32%)	\$41.24	9	26	27%	0.65	6	(47)	Master's degree
29-1123	Physical Therapists	312	239	(72)	(23%)	\$39.31	20	64	29%	1.01	15	(87)	Doctoral or professional degree
29-1126	Respiratory Therapists	134	101	(33)	(25%)	\$25.59	13	37	21%	0.80	9	(43)	Associate's degree
29-1127	Speech-Language Pathologists	173	112	(60)	(35%)	\$34.88	12	27	17%	0.60	17	(77)	Master's degree
29-1131	Veterinarians	113	112	(1)	(1%)	\$44.50	13	21	15%	1.19	16	(17)	Doctoral or professional degree
29-1141	Registered Nurses	2,100	2,266	166	8%	\$29.55	199	714	29%	0.77	119	47	Bachelor's degree
29-1171	Nurse Practitioners	196	281	85	43%	\$45.60	33	128	26%	1.13	93	(8)	Master's degree
29-1292	Dental Hygienists	225	179	(46)	(20%)	\$37.24	19	74	37%	0.88	3	(49)	Associate's degree
29-2018	Clinical Laboratory Technologists and Technicia	186	338	153	82%	\$26.72	48	111	32%	1.08	2	151	Bachelor's degree
29-2034	Radiologic Technologists and Technicians	144	186	42	29%	\$25.70	25	64	32%	0.88	14	28	Associate's degree
29-2042	Emergency Medical Technicians	228	245	17	7%	\$13.99	33	111	52%	1.63	5	12	Postsecondary nondegree award
29-2043	Paramedics	73	104	30	41%	\$19.67	18	45	43%	1.02	5	26	Postsecondary nondegree award
29-2052	Pharmacy Technicians	395	523	128	32%	\$14.18	63	261	41%	1.27	28	100	High school diploma or equivalent
29-2053	Psychiatric Technicians	127	96	(31)	(24%)	\$12.12	21	38	41%	1.00	56	(87)	Postsecondary nondegree award
29-2056	Veterinary Technologists and Technicians	56	125	69	125%	\$20.07	21	55	36%	1.05	11	58	Associate's degree
29-2061	Licensed Practical and Licensed Vocational Nurs	1,054	1,054	(0)	(0%)	\$20.78	124	609	63%	1.68	(106)	106	Postsecondary nondegree award
29-2072	Medical Records Specialists	96	153	56	58%	\$18.51	22	67	44%	0.87	(4)	60	Postsecondary nondegree award
29-2099	Health Technologists and Technicians, All Other	53	137	84	159%	\$17.83	25	56	42%	0.97	(1)	86	Postsecondary nondegree award
31-1131	Nursing Assistants	1,576	1,660	84	5%	\$13.57	283	1,522	95%	1.26	(171)	254	Postsecondary nondegree award
31-1133	Psychiatric Aides	89	93	5	5%	\$15.28	31	58	60%	2.17	(29)	34	High school diploma or equivalent
31-2011	Occupational Therapy Assistants	54	80	26	49%	\$33.38	18	74	83%	1.96	2	24	Associate's degree
31-2021	Physical Therapist Assistants	142	214	72	51%	\$28.72	44	185	87%	2.31	13	59	Associate's degree
31-9091	Dental Assistants	212	210	(1)	(1%)	\$16.30	40	151	67%	0.62	14	(15)	Postsecondary nondegree award
31-9092	Medical Assistants	403	399	(4)	(1%)	\$15.56	63	279	56%	0.56	63	(67)	Postsecondary nondegree award
31-9096	Veterinary Assistants and Laboratory Animal Ca	98	129	31	32%	\$13.86	30	124	84%	1.30	21	11	High school diploma or equivalent
31-9099	Healthcare Support Workers, All Other	75	72	(4)	(5%)	\$14.56	15	40	50%	0.61	17	(20)	High school diploma or equivalent
43-6013	Medical Secretaries and Administrative Assistant	288	350	62	22%	\$16.91	52	229	56%	0.56	46	16	High school diploma or equivalent

Trades & Construction

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11-9021	Construction Managers	392	478	85	22%	\$25.78	57	118	14%	0.69	92	(6)	Bachelor's degree
11-9041	Architectural and Engineering Managers	118	108	(10)	(8%)	\$59.62	12	45	27%	0.60	4	(14)	Bachelor's degree
17-1011	Architects, Except Landscape and Naval	120	104	(16)	(14%)	\$32.19	15	17	13%	0.62	3	(20)	Bachelor's degree
17-2051	Civil Engineers	231	164	(67)	(29%)	\$38.53	23	84	29%	0.49	11	(78)	Bachelor's degree
17-3011	Architectural and Civil Drafters	75	68	(8)	(10%)	\$21.79	11	43	54%	0.67	3	(11)	Associate's degree
17-3031	Surveying and Mapping Technicians	68	51	(17)	(26%)	\$19.80	11	43	75%	0.82	3	(20)	High school diploma or equivalent
47-1011	First-Line Supervisors of Construction Trades an	786	807	21	3%	\$28.22	110	593	59%	1.01	46	(25)	High school diploma or equivalent
47-2021	Brickmasons and Blockmasons	59	62	3	5%	\$20.63	11	30	46%	0.71	(6)	9	High school diploma or equivalent
47-2031	Carpenters	1,159	1,087	(72)	(6%)	\$18.39	139	416	33%	0.81	(14)	(58)	High school diploma or equivalent
47-2044	Tile and Stone Setters	53	55	1	2%	\$19.24	9	15	22%	0.69	(2)	3	No formal educational credential
47-2051	Cement Masons and Concrete Finishers	85	113	28	33%	\$17.93	22	114	77%	0.60	4	24	No formal educational credential
47-2061	Construction Laborers	1,524	1,533	9	1%	\$14.91	220	1,059	47%	0.91	6	3	No formal educational credential
47-2071	Paving, Surfacing, and Tamping Equipment Ope	61	64	2	4%	\$19.98	14	76	79%	1.39	(4)	6	High school diploma or equivalent
47-2073	Operating Engineers and Other Construction Eq	478	552	74	15%	\$20.83	94	606	76%	1.33	62	12	High school diploma or equivalent
47-2081	Drywall and Ceiling Tile Installers	68	80	12	18%	\$17.17	13	30	37%	0.58	(3)	15	No formal educational credential
47-2111	Electricians	520	553	33	6%	\$27.57	87	258	38%	0.70	33	(0)	High school diploma or equivalent
47-2141	Painters, Construction and Maintenance	427	420	(7)	(2%)	\$16.58	54	85	20%	0.77	(30)	22	No formal educational credential
47-2152	Plumbers, Pipefitters, and Steamfitters	338	401	63	19%	\$21.76	60	204	40%	0.76	16	47	High school diploma or equivalent
47-2181	Roofers	88	80	(9)	(10%)	\$17.47	16	30	29%	0.44	1	(9)	No formal educational credential
47-4011	Construction and Building Inspectors	155	170	15	10%	\$24.69	28	80	38%	1.12	26	(11)	High school diploma or equivalent
47-4051	Highway Maintenance Workers	382	340	(42)	(11%)	\$17.00	44	161	37%	2.66	(21)	(20)	High school diploma or equivalent
47-5022	Excavating and Loading Machine and Dragline C	56	84	28	50%	\$21.58	23	52	48%	2.21	(10)	38	High school diploma or equivalent

Education

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11-9032	Education Administrators, Kindergarten through	178	178	0	0%	\$36.84	17	47	23%	0.67	23	(23)	Master's degree
11-9033	Education Administrators, Postsecondary	197	353	156	79%	\$46.91	54	84	23%	1.74	12	143	Master's degree

25-1099	Postsecondary Teachers	4,421	5,053	632	14%	\$37.62	617	1,627	32%	2.88	(64)	696	Doctoral or professional degree
25-2011	Preschool Teachers, Except Special Education	363	448	84	23%	\$14.03	75	288	48%	0.94	16	69	Associate's degree
25-2012	Kindergarten Teachers, Except Special Education	220	314	94	43%	\$24.26	54	102	33%	2.75	(23)	118	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Career/Technical Education	490	491	1	0%	\$24.29	48	138	23%	0.87	(9)	9	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	879	918	39	4%	\$24.51	91	262	22%	0.94	30	9	Bachelor's degree
25-2032	Career/Technical Education Teachers, Secondary School	109	140	31	28%	\$23.84	18	32	23%	1.79	12	19	Bachelor's degree
25-2051	Special Education Teachers, Preschool	56	162	106	190%	\$32.51	32	46	34%	6.80	(1)	108	Bachelor's degree
25-2052	Special Education Teachers, Kindergarten and Elementary School	178	155	(23)	(13%)	\$23.52	21	43	23%	0.91	9	(32)	Bachelor's degree
25-2058	Special Education Teachers, Secondary School	111	111	0	0%	\$23.56	14	37	23%	0.83	12	(12)	Bachelor's degree
25-2059	Special Education Teachers, All Other	144	349	205	143%	\$31.81	69	85	26%	8.41	15	191	Bachelor's degree
25-3011	Adult Basic Education, Adult Secondary Education, and Literacy Instruction	71	89	18	25%	\$24.36	21	51	40%	1.57	(20)	38	Bachelor's degree
25-3021	Self-Enrichment Teachers	515	550	35	7%	\$20.53	83	112	14%	0.79	49	(13)	High school diploma or equivalent
25-3041	Tutors	253	238	(15)	(6%)	\$17.61	38	61	21%	0.80	2	(18)	Bachelor's degree
25-3099	Teachers and Instructors, All Other	339	401	62	18%	\$25.00	66	126	31%	1.42	38	24	Bachelor's degree
25-4022	Librarians and Media Collections Specialists	227	233	6	3%	\$25.32	29	82	31%	1.85	(11)	16	Master's degree
25-4031	Library Technicians	156	109	(46)	(30%)	\$14.60	27	51	50%	1.46	(26)	(20)	Postsecondary nondegree award
25-9031	Instructional Coordinators	232	199	(33)	(14%)	\$27.69	35	75	37%	0.95	42	(75)	Master's degree
25-9044	Teaching Assistants, Postsecondary	487	598	111	23%	\$14.32	80	161	29%	4.05	(44)	155	Bachelor's degree
25-9099	Educational Instruction and Library Workers, All Other	198	596	397	200%	\$22.90	120	191	32%	3.27	87	311	Bachelor's degree
Administrative & Management													
SOC	Description	2017 Jobs	2022 Jobs	2017 - 2022 Change	2017 - 2022 % Change	Median Hourly Earnings	Avg. Annual Openings	2022 Hires	2021 Turnover Rate	2022 Location Quotient	Expected Change	Competitive Effect	Typical Entry Level Education
11-1021	General and Operations Managers	1,713	2,483	770	45%	\$40.72	325	1,337	46%	0.82	615	154	Bachelor's degree
11-2021	Marketing Managers	190	149	(41)	(22%)	\$46.27	28	44	22%	0.41	47	(88)	Bachelor's degree
11-2022	Sales Managers	198	223	25	13%	\$49.60	29	83	29%	0.43	49	(23)	Bachelor's degree
11-3012	Administrative Services Managers	106	163	57	54%	\$41.48	24	59	31%	0.72	24	33	Bachelor's degree
11-3121	Human Resources Managers	130	94	(36)	(28%)	\$46.06	13	51	29%	0.50	1	(37)	Bachelor's degree
13-1028	Buyers and Purchasing Agents	552	631	79	14%	\$29.53	85	256	45%	1.30	15	65	Bachelor's degree
13-1041	Compliance Officers	200	194	(6)	(3%)	\$30.80	23	72	31%	0.58	35	(40)	Bachelor's degree
13-1051	Cost Estimators	183	200	18	10%	\$31.92	27	125	63%	0.94	(0)	18	Bachelor's degree
13-1071	Human Resources Specialists	530	682	152	29%	\$28.07	101	455	58%	0.85	169	(18)	Bachelor's degree
13-1141	Compensation, Benefits, and Job Analysis Specialists	58	78	20	34%	\$24.29	12	38	47%	0.84	5	15	Bachelor's degree
13-1151	Training and Development Specialists	389	425	36	9%	\$26.48	61	225	53%	1.20	91	(55)	Bachelor's degree
13-1161	Market Research Analysts and Marketing Specialists	377	486	109	29%	\$25.92	69	270	40%	0.55	108	1	Bachelor's degree
13-1199	Business Operations Specialists, All Other	342	533	191	56%	\$29.39	70	227	28%	0.47	234	(43)	Bachelor's degree
13-2011	Accountants and Auditors	1,000	1,126	126	13%	\$30.58	142	505	39%	0.69	20	106	Bachelor's degree
41-9099	Sales and Related Workers, All Other	250	500	249	99%	\$12.63	95	323	62%	1.36	139	110	High school diploma or equivalent
43-1011	First-Line Supervisors of Office and Administrative Support Workers	1,512	1,506	(6)	(0%)	\$23.93	195	853	56%	1.03	(9)	3	High school diploma or equivalent
43-3011	Bill and Account Collectors	126	108	(18)	(15%)	\$18.39	20	149	126%	0.52	(27)	9	High school diploma or equivalent
43-3021	Billing and Posting Clerks	338	294	(44)	(13%)	\$18.04	41	180	62%	0.68	(29)	(16)	High school diploma or equivalent
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,654	1,620	(33)	(2%)	\$18.30	207	985	60%	0.92	(2)	(31)	Some college, no degree
43-3051	Payroll and Timekeeping Clerks	120	83	(37)	(31%)	\$20.13	13	57	76%	0.58	(4)	(33)	High school diploma or equivalent
43-4051	Customer Service Representatives	2,500	2,065	(435)	(17%)	\$14.38	332	2,182	96%	0.74	48	(482)	High school diploma or equivalent
43-4171	Receptionists and Information Clerks	869	987	118	14%	\$12.99	154	720	70%	0.97	2	116	High school diploma or equivalent
43-9021	Data Entry Keyers	128	132	4	3%	\$15.51	22	91	85%	0.75	(24)	29	High school diploma or equivalent
43-9061	Office Clerks, General	3,408	3,020	(388)	(11%)	\$16.89	449	1,857	62%	1.12	(380)	(8)	High school diploma or equivalent
43-9199	Office and Administrative Support Workers, All Other	192	203	10	5%	\$17.54	30	73	44%	0.85	(27)	37	High school diploma or equivalent