

OCC Group	SOC Level	OCC Code	Occupation	Vacancies	Vacancy Rate	Percent Part-Time	Percent Temp. or Seasonal	Percent Req. Post-Secondary Education	Percent Req. 1+ Yrs. Exp.	Percent Req. Cert. of Lic.	Median Wage Offer
	0	0	Total, All Occupations	8,550	3.6	36	13	26	48	38	\$14.19
Management	2	110000	Management Occupations	216	1.7	3	0	85	91	23	\$34.07
	3	112000	Advertising, Marketing, Promotions, Public Relatio	50	3.6	0	0	100	100	6	\$38.22
	6	112021	Marketing Managers	12	3.4	0	0	100	100	9	\$37.37
	6	112022	Sales Managers	30	3.8	0	0	100	100	0	\$36.09
	6	112031	Public Relations and Fundraising Managers	8	4	0	0	100	100	27	\$33.61
	3	113000	Operations Specialties Managers	74	1.9	7	0	92	98	13	\$41.63
	6	113011	Administrative Services Managers	5	0.7	0	1	100	100	24	\$35.39
	6	113031	Financial Managers	22	2.7	0	0	100	100	7	\$43.18
	6	113051	Industrial Production Managers	34	5.1	0	0	96	96	11	\$41.12
	6	113121	Human Resources Managers	10	3.5	38	0	62	100	24	\$29.39
	3	119000	Other Management Occupations	91	2.3	1	1	68	81	39	\$24.04
	6	119032	Education Administrators, Elementary and Secondary	8	2.2	13	6	100	84	100	\$28.64
	6	119033	Education Administrators, Postsecondary	11	4.2	0	0	100	100	5	\$23.91
	6	119051	Food Service Managers	37	22.8	0	0	31	54	0	\$17.82
6	119111	Medical and Health Services Managers	26	2.4	0	1	89	100	84	\$26.10	
6	119151	Social and Community Service Managers	5	2	0	0	100	100	78	\$29.01	
Business and Financial Operations	2	130000	Business and Financial Operations Occupations	178	1.9	12	1	83	83	7	\$23.13
	3	131000	Business Operations Specialists	102	1.7	21	1	73	74	6	\$21.17
	6	131023	Purchasing Agents, Except Wholesale, Retail, and F	6	1.2	0	0	100	100	0	\$26.78
	6	131051	Cost Estimators	12	5.5						\$19.59
	6	131071	Human Resources Specialists	48	5	8	0	88	90	4	\$20.91
	6	131081	Logisticians	4	1.3						\$22.80
	6	131111	Management Analysts	6	1	0	19	100	100	26	\$28.67
	6	131151	Training and Development Specialists	20	3.4						\$12.90
	3	132000	Financial Specialists	76	2.5	0	0	95	95	8	\$24.64
	6	132011	Accountants and Auditors	7	0.5	0	0	66	67	30	\$20.67
	6	132051	Financial Analysts	19	4.2	0	1	92	92	17	\$24.66
	6	132072	Loan Officers	31	5.2	0	0	100	100	0	\$22.73
Computer and Mathematical	2	150000	Computer and Mathematical Occupations	56	0.7	4	9	71	96	21	\$30.17
	3	151000	Computer Occupations	53	0.7	4	10	70	96	17	\$29.87
	6	151121	Computer Systems Analysts	14	1.6	0	15	75	100	0	\$32.20
	6	151131	Computer Programmers	12	0.8	0	25	84	100	21	\$31.69
	6	151132	Software Developers, Applications	9	1.6	0	0	81	99	18	\$33.18
	6	151151	Computer User Support Specialists	14	1.5	7	0	58	84	25	\$21.59
Architecture and Engineering	2	170000	Architecture and Engineering Occupations	75	2.2	6	8	69	81	39	\$27.67
	3	172000	Engineers	38	1.7	0	12	100	97	52	\$34.11
	6	172112	Industrial Engineers	19	2.6	0	0	100	100	24	\$32.53
	6	172141	Mechanical Engineers	4	1.5	0	0	100	100	68	\$35.23
	3	173000	Drafters, Engineering Technicians, and Mapping Tec	37	3.3	12	5	37	65	25	\$19.75
	6	173024	Electro-Mechanical Technicians	11	114.3	0	0	22	22	2	\$13.99
	6	173026	Industrial Engineering Technicians	4	1.3						\$14.54
Life, Physical and Social Science	2	190000	Life, Physical, and Social Science Occupations	57	1.7	5	51	100	84	73	\$24.57
	3	191000	Life Scientists	42	2.5	5	65	100	85	76	\$24.39
	6	191042	Medical Scientists, Except Epidemiologists	36	3.5	3	70	100	81	82	\$23.94
	3	193000	Social Scientists and Related Workers	10	1.8	10	10	100	87	76	\$25.33
	6	193031	Clinical, Counseling, and School Psychologists	8	1.9	0	0	100	87	100	\$25.80
Community and Social Service	2	210000	Community and Social Service Occupations	287	6.3	53	1	45	92	67	\$14.32
	3	211000	Counselors, Social Workers, and Other Community an	278	6.2	52	1	44	94	66	\$14.23
	6	211012	Educational, Guidance, School, and Vocational Coun	19	4.3	33	6	100	95	42	\$20.87
	6	211014	Mental Health Counselors	59	28.1	2	0	100	98	96	\$14.64
	6	211021	Child, Family, and School Social Workers	11	1.6	0	0	100	89	54	\$21.89
	6	211022	Healthcare Social Workers	7	1.7	53	0	100	69	100	\$19.67
	6	211093	Social and Human Service Assistants	167	13.9	79	1	7	96	56	\$11.66
Education, Training and Library	2	250000	Education, Training, and Library Occupations	457	2.4	37	34	89	55	83	\$20.40
	3	251000	Postsecondary Teachers	27	1	37	48	100	89	70	\$24.68
	3	252000	Preschool, Primary, Secondary, and Special Educati	246	2.6	18	19	100	62	99	\$23.39
	6	252011	Preschool Teachers, Except Special Education	37	9.3	22	11	100	50	100	\$18.98
	6	252021	Elementary School Teachers, Except Special Educati	45	1.2	16	22	100	61	98	\$24.00
	6	252022	Middle School Teachers, Except Special and Career/	11	1	27	12	100	45	100	\$22.73
	6	252031	Secondary School Teachers, Except Special and Care	60	2.9	20	24	100	62	97	\$24.07
	6	252032	Career/Technical Education Teachers, Secondary Sch	3	3						\$22.09
	6	252051	Special Education Teachers, Preschool	6	3.1	16	13	100	58	100	\$22.72
	6	252052	Special Education Teachers, Kindergarten and Eleme	49	7.4	13	15	100	83	100	\$23.97
	6	252053	Special Education Teachers, Middle School	15	8.4	0	9	100	56	100	\$23.71
	6	252054	Special Education Teachers, Secondary School	16	4.3	12	27	100	54	100	\$23.83
	3	253000	Other Teachers and Instructors	58	5	86	63	69	35	81	\$16.49
	6	253021	Self-Enrichment Education Teachers	12	2.8	84	92	41	5	53	\$12.56
	6	253098	Substitute Teachers	33	8.7	81	69	100	54	100	\$17.62
3	254000	Librarians, Curators, and Archivists	8	1.3	13	41	86	86	1	\$20.50	

	6	254021	Librarians	5	2.4	18	18	100	100	0	\$21.39
	3	259000	Other Education, Training, and Library Occupations	119	2.4	54	48	71	43	60	\$14.41
	6	259011	Audio-Visual and Multimedia Collections Specialist	3	5.1	0	34	100	66	67	\$16.86
	6	259031	Instructional Coordinators	5	1.4						\$19.42
	6	259041	Teacher Assistants	111	2.7	57	50	68	40	58	\$14.28
Arts, Design, Entertainment, Sports and Media	2	270000	Arts, Design, Entertainment, Sports, and Media Occ	137	4.4	68	46	22	32	11	\$13.26
	3	271000	Art and Design Workers	30	2.7	0	0	46	73	3	\$15.42
	6	271026	Merchandise Displayers and Window Trimmers	8	1.5						\$11.73
	3	272000	Entertainers and Performers, Sports and Related Wo	101	18.3	88	62	13	17	12	\$12.20
	6	272022	Coaches and Scouts	87	24.7	90	68	11	19	14	\$11.98
	3	273000	Media and Communication Workers	6	0.5	76	16	33	84	34	\$16.54
Healthcare Practitioners and Technical	2	290000	Healthcare Practitioners and Technical Occupations	751	2	33	2	95	69	96	\$26.83
	3	291000	Health Diagnosing and Treating Practitioners	442	1.9	31	2	100	81	99	\$31.80
	6	291051	Pharmacists	5	0.5	0	0	100	80	100	\$52.42
	6	291066	Psychiatrists	3	6.5	0	0	100	100	100	\$43.07
	6	291069	Physicians and Surgeons, All Other	7	1.5	0	0	100	100	67	\$37.95
	6	291071	Physician Assistants	18	3.2	6	0	100	94	100	\$42.77
	6	291122	Occupational Therapists	7	2.5	57	1	100	100	100	\$31.35
	6	291123	Physical Therapists	5	1.2	0	0	100	100	100	\$29.19
	6	291126	Respiratory Therapists	7	1.4	67	0	100	17	100	\$29.67
	6	291127	Speech-Language Pathologists	17	6.2	48	1	100	81	100	\$32.29
	6	291141	Registered Nurses	336	2.2	33	1	100	78	99	\$30.39
	6	291171	Nurse Practitioners	19	1.1	6	6	100	100	100	\$40.15
	3	292000	Health Technologists and Technicians	303	2.4	36	2	88	52	93	\$19.12
	6	292011	Medical and Clinical Laboratory Technologists	19	0.8	0	0	100	91	60	\$22.46
	6	292012	Medical and Clinical Laboratory Technicians	26	2.9	51	0	79	47	72	\$18.41
	6	292034	Radiologic Technologists	9	0.8	59	0	100	41	100	\$20.78
	6	292041	Emergency Medical Technicians and Paramedics	21	2.7	48	0	90	38	100	\$20.30
	6	292052	Pharmacy Technicians	9	0.6	57	0	14	72	66	\$16.35
6	292055	Surgical Technologists	13	2.3	8	0	100	80	92	\$20.32	
6	292061	Licensed Practical and Licensed Vocational Nurses	196	8.7	37	3	91	47	100	\$18.72	
3	299000	Other Healthcare Practitioners and Technical Occup	5	1.1	20	0	80	80	80	\$25.58	
Healthcare Support	2	310000	Healthcare Support Occupations	264	2.1	59	2	21	10	67	\$12.55
	3	311000	Nursing, Psychiatric, and Home Health Aides	228	3.2	56	2	21	9	65	\$12.52
	6	311011	Home Health Aides	62	2	49	0	11	7	46	\$11.84
	6	311014	Nursing Assistants	165	4	58	3	23	9	71	\$12.55
	3	319000	Other Healthcare Support Occupations	36	0.7	79	0	22	15	82	\$12.86
	6	319092	Medical Assistants	7	0.3	17	0	83	67	83	\$15.29
Protective Service	2	330000	Protective Service Occupations	107	2.7	74	20	16	16	87	\$10.95
	3	333000	Law Enforcement Workers	17	0.8	18	0	50	60	100	\$18.81
	6	333012	Correctional Officers and Jailers	8	0.9	24	0	24	65	100	\$16.76
	6	333051	Police and Sheriff's Patrol Officers	8	0.9	12	0	77	56	100	\$22.49
	3	339000	Other Protective Service Workers	81	7.9	86	24	0	7	83	\$10.87
	6	339032	Security Guards	52	9	89	1	0	8	84	\$10.81
	6	339092	Lifeguards, Ski Patrol, and Other Recreational Pro	20	10.2	91	86	2	4	95	\$10.31
Food Preparation and Serving Related	2	350000	Food Preparation and Serving Related Occupations	1,162	9.5	56	12	4	21	10	\$10.95
	3	351000	Supervisors of Food Preparation and Serving Worker	260	28.5	23	3	8	45	13	\$13.39
	6	351011	Chefs and Head Cooks	19	24.1	87	0	0	100	0	\$10.96
	6	351012	First-Line Supervisors of Food Preparation and Ser	240	29	18	4	9	41	14	\$13.63
	3	352000	Cooks and Food Preparation Workers	190	9.7	65	5	0	29	11	\$12.43
	6	352012	Cooks, Institution and Cafeteria	32	3.6	39	2	2	32	56	\$13.12
	6	352014	Cooks, Restaurant	72	24.7	63	12	0	46	2	\$13.01
	6	352021	Food Preparation Workers	53	10.5	94	1	1	10	2	\$9.50
	3	353000	Food and Beverage Serving Workers	646	7.2	67	14	4	10	9	\$9.99
	6	353011	Bartenders	32	5	100	0	8	63	1	\$9.87
	6	353021	Combined Food Preparation and Serving Workers, Inc	512	8.9	62	15	4	3	11	\$10.05
	6	353031	Waiters and Waitresses	59	7.8	97	0	0	46	5	\$9.50
	6	353041	Food Servers, Nonrestaurant	29	1.9	62	41	0	0	0	\$10.08
	3	359000	Other Food Preparation and Serving Related Workers	67	14.5	53	44	0	2	0	\$10.04
6	359011	Dining Room and Cafeteria Attendants and Bartender	19	13.7	90	0	0	6	0	\$11.55	
6	359021	Dishwashers	41	27.6	29	71	0	0	0	\$9.81	
Building and Grounds Cleaning and Maintenance	2	370000	Building and Grounds Cleaning and Maintenance Occu	246	3.2	36	37	3	27	15	\$12.70
	3	372000	Building Cleaning and Pest Control Workers	140	2.3	46	11	4	40	15	\$12.75
	6	372011	Janitors and Cleaners, Except Maids and Housekeepi	111	2.5	47	13	5	48	19	\$13.78
	6	372012	Maids and Housekeeping Cleaners	30	1.9	41	6	0	9	0	\$9.99
	3	373000	Grounds Maintenance Workers	102	8.1	23	72	0	8	15	\$11.79
	6	373011	Landscaping and Groundskeeping Workers	63	5.7	37	54	0	13	25	\$10.75
Personal Care and Service	2	390000	Personal Care and Service Occupations	860	9.9	54	9	15	18	44	\$11.47
	3	391000	Supervisors of Personal Care and Service Workers	27	8.2	19	2	6	75	17	\$13.76
	6	391021	First-Line Supervisors of Personal Service Workers	27	8.2	19	2	6	75	17	\$13.76
	3	393000	Entertainment Attendants and Related Workers	8	1.3						\$9.50
	6	393091	Amusement and Recreation Attendants	8	1.5						\$9.50
	3	399000	Other Personal Care and Service Workers	815	11.9	55	9	15	17	45	\$11.46
	6	399011	Childcare Workers	71	6	69	28	18	10	37	\$10.55

Person	6	399021	Personal Care Aides	664	17.1	52	3	15	17	48	\$11.46
	6	399031	Fitness Trainers and Aerobics Instructors	8	1.6	53	17	17	31	96	\$11.55
	6	399032	Recreation Workers	63	6.4	80	50	2	6	20	\$11.02
Sales and Related	2	410000	Sales and Related Occupations	698	3.6	45	3	5	54	29	\$12.04
	3	411000	Supervisors of Sales Workers	32	1.5	0	1	36	100	11	\$17.00
	6	411011	First-Line Supervisors of Retail Sales Workers	22	1.1	0	1	13	100	14	\$15.14
	3	412000	Retail Sales Workers	316	2.4	61	6	0	5	3	\$11.60
	6	412011	Cashiers	125	2.2	80	2	0	4	1	\$11.22
	6	412031	Retail Salespersons	191	2.8	49	9	0	6	5	\$11.80
3	413000	Sales Representatives, Services	216	14.6	0	0	4	91	86	\$22.63	
Office and Administrative Support	2	430000	Office and Administrative Support Occupations	867	2.5	50	3	6	51	4	\$13.00
	3	431000	Supervisors of Office and Administrative Support W	4	0.2	0	0	71	100	72	\$27.97
	6	431011	First-Line Supervisors of Office and Administrativ	4	0.2	0	0	71	100	72	\$27.97
	3	433000	Financial Clerks	170	3.5	21	1	9	72	2	\$16.26
	6	433021	Billing and Posting Clerks	15	3.2	0	0	0	100	0	\$15.80
	6	433031	Bookkeeping, Accounting, and Auditing Clerks	56	2	5	2	25	96	5	\$18.22
	6	433071	Tellers	89	10.3	36	0	0	60	0	\$14.68
	3	434000	Information and Record Clerks	297	3.7	57	5	7	77	5	\$12.25
	6	434051	Customer Service Representatives	63	1.6	6	9	17	48	12	\$14.08
	6	434171	Receptionists and Information Clerks	192	16.4	72	2	0	96	3	\$11.89
	3	435000	Material Recording, Scheduling, Dispatching, and D	156	2.3	35	0	4	15	6	\$13.58
	6	435031	Police, Fire, and Ambulance Dispatchers	7	2.5	0	0	48	85	61	\$16.48
	6	435061	Production, Planning, and Expediting Clerks	7	1.7	0	0	36	79	2	\$14.90
	6	435071	Shipping, Receiving, and Traffic Clerks	28	2.6	60	0	1	4	3	\$11.76
	6	435081	Stock Clerks and Order Fillers	98	2.7	37	0	1	11	1	\$13.13
	3	436000	Secretaries and Administrative Assistants	84	1.1	47	6	13	55	8	\$15.23
	6	436011	Executive Secretaries and Executive Administrative	4	0.2	0	0	7	58	2	\$14.97
	6	436013	Medical Secretaries	46	1.6	70	0	7	58	2	\$15.09
6	436014	Secretaries and Administrative Assistants, Except	32	1.2	19	16	18	43	18	\$15.28	
3	439000	Other Office and Administrative Support Workers	142	2.6	90	1	0	3	0	\$9.93	
6	439061	Office Clerks, General	140	3.6	91	1	0	4	0	\$9.93	
Farming, Fishing and Forestry	2	470000	Construction and Extraction Occupations	661	9.1	0	59	6	90	57	\$14.79
	3	471000	Supervisors of Construction and Extraction Workers	9	2.3	0	0	66	100	55	\$22.36
	6	471011	First-Line Supervisors of Construction Trades and	9	2.3	0	0	66	100	55	\$22.36
	3	472000	Construction Trades Workers	642	11	0	60	5	90	58	\$14.77
	6	472021	Brickmasons and Blockmasons	62	312.4	0	52	5	52	0	\$20.40
	6	472031	Carpenters	10	0.9						\$18.86
	6	472051	Cement Masons and Concrete Finishers	10	4.5						\$16.00
	6	472061	Construction Laborers	541	93.3	0	64	1	97	65	\$14.68
	3	474000	Other Construction and Related Workers	5	0.7	18	18	0	63	100	\$18.59
Construction and Extraction	2	490000	Installation, Maintenance, and Repair Occupations	174	2.2	5	0	30	46	31	\$19.01
	3	492000	Electrical and Electronic Equipment Mechanics, Ins	10	3.6	0	0	25	90	90	\$18.88
	6	492098	Security and Fire Alarm Systems Installers	4	11.7	0	0	72	100	71	\$20.38
	3	493000	Vehicle and Mobile Equipment Mechanics, Installers	36	1.7	15	1	32	41	62	\$15.22
	6	493023	Automotive Service Technicians and Mechanics	19	2.2	29	2	13	23	37	\$13.79
	6	493031	Bus and Truck Mechanics and Diesel Engine Speciali	14	2.6	0	0	45	56	89	\$16.64
	3	499000	Other Installation, Maintenance, and Repair Occupa	127	2.6	2	0	32	43	18	\$19.92
	6	499021	Heating, Air Conditioning, and Refrigeration Mecha	35	11.7	0	0	12	15	15	\$18.45
	6	499043	Maintenance Workers, Machinery	15	7.4	0	0	80	80	70	\$20.55
	6	499051	Electrical Power-Line Installers and Repairers	5	2						\$25.94
6	499071	Maintenance and Repair Workers, General	20	0.9	15	0	10	56	15	\$18.30	
Production	2	510000	Production Occupations	703	2.6	1	3	13	25	3	\$11.71
	3	511000	Supervisors of Production Workers	25	1.8	0	4	59	83	2	\$27.15
	6	511011	First-Line Supervisors of Production and Operating	25	1.8	0	4	59	83	2	\$27.15
	3	512000	Assemblers and Fabricators	37	0.9	0	0	49	88	10	\$19.25
	6	512092	Team Assemblers	9	0.3	0	0	4	50	2	\$14.65
	3	513000	Food Processing Workers	91	1.7	0	16	0	14	1	\$13.95
	6	513011	Bakers	22	12.8	0	0	0	0	0	\$15.75
	3	514000	Metal Workers and Plastic Workers	87	1.4	1	0	53	89	7	\$18.74
	6	514011	Computer-Controlled Machine Tool Operators, Metal	19	6	0	0	0	100	23	\$13.57
	6	514041	Machinists	23	2.2						\$19.26
	6	514121	Welders, Cutters, Solderers, and Brazers	34	2.9	0	0	82	84	4	\$18.28
	3	516000	Textile, Apparel, and Furnishings Workers	38	4.5	7	1	0	9	2	\$9.99
	6	516011	Laundry and Dry-Cleaning Workers	34	14.1	8	2	0	11	2	\$9.98
	3	518000	Plant and System Operators	16	2.2	33	39	67	61	67	\$27.25
3	519000	Other Production Occupations	126	1.8	0	1	0	6	0	\$10.91	
6	519061	Inspectors, Testers, Sorters, Samplers, and Weighe	7	0.6	0	0	2	88	0	\$16.29	
6	519111	Packaging and Filling Machine Operators and Tender	6	0.4	0	25	0	0	0	\$13.68	
Transportation and Material Moving	2	530000	Transportation and Material Moving Occupations	440	2.8	31	6	4	63	77	\$18.04
	3	533000	Motor Vehicle Operators	335	4.4	22	6	3	74	99	\$19.02
	6	533022	Bus Drivers, School or Special Client	38	2.3	100	45	3	22	94	\$14.81
	6	533031	Driver/Sales Workers	37	10.7						\$9.50
	6	533032	Heavy and Tractor-Trailer Truck Drivers	252	6.8	7	1	4	95	100	\$22.37
	3	537000	Material Moving Workers	91	1.2	65	3	0	16	0	\$13.94
	6	537062	Laborers and Freight, Stock, and Material Movers,	70	2.1	66	4	0	8	0	\$13.89

