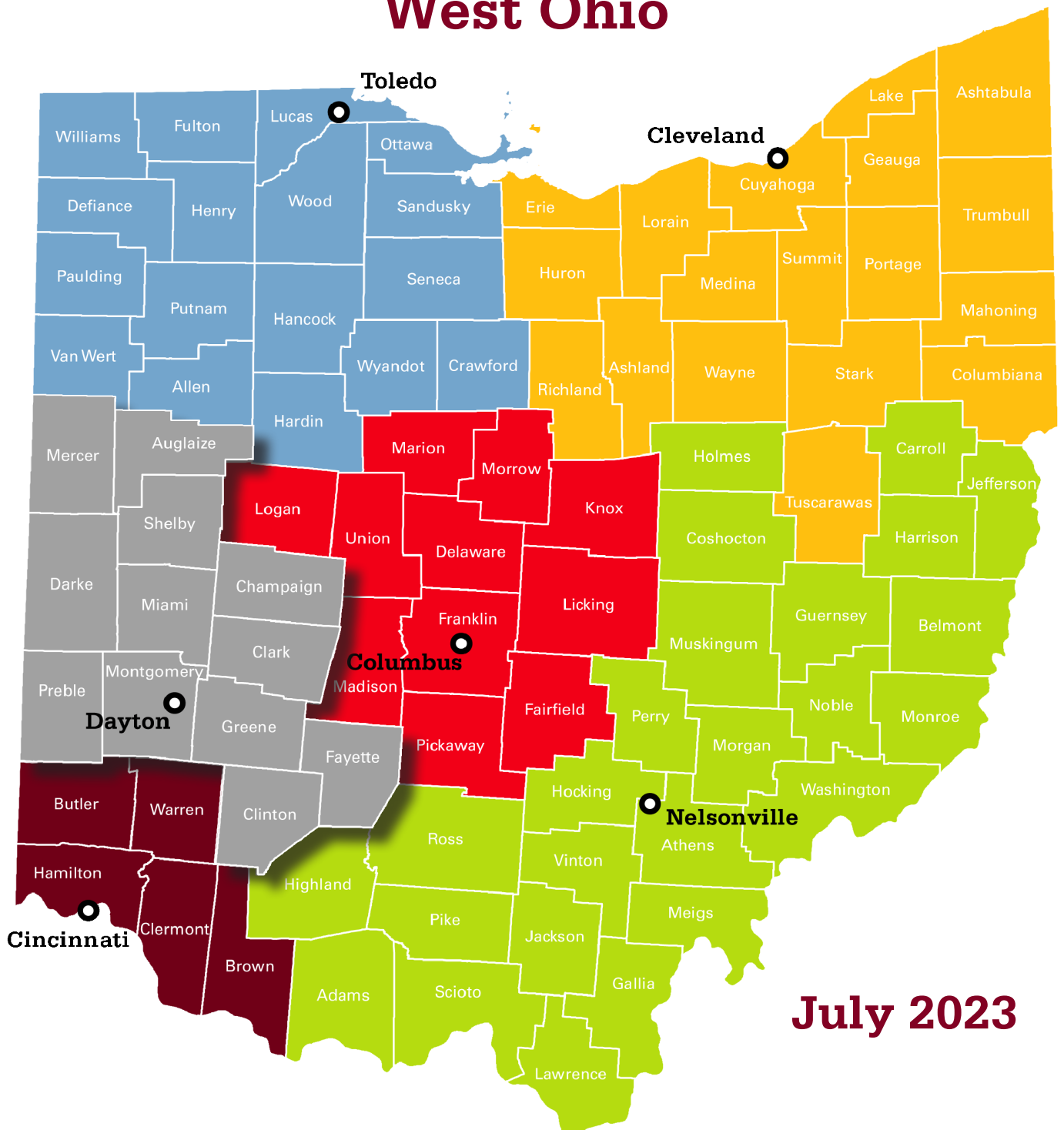


2030 Job Outlook

JobsOhio Network West Ohio



July 2023

2030 Job Outlook for JobsOhio Network Regions

The Ohio Department of Job and Family Services' Bureau of Labor Market Information updates employment projections every two years. The projections are widely used for studying long-range economic and employment trends, planning education and training programs, and developing career information. This edition uses employment statistics through 2020 as a foundation to project employment conditions for the 10-year period ending in 2030.

The table below summarizes 2020 employment levels and projected 2030 levels for Ohio's six JobsOhio Regions. The difference between those years represents projected new jobs due to industry growth. The number of these new jobs is expected to range from a growth of 93,045 in the Central Region to a growth of 13,641 jobs in the Southeast Region. Among the state's regions, the highest projected growth is in Central Ohio (8.0%); followed by Southwest Ohio (6.0%), West Ohio (4.1%), Southeast Ohio (4.0%), Northeast Ohio (3.0%), and Northwest Ohio (2.7%).

Comparison of JobsOhio Regional Network: 2020-2030

JobsOhio Regions	2020 Employment	2030 Projected Employment	Projected Change 2020-2030	
			Number	Percent
Central Ohio	1,168,921	1,261,966	93,045	8.0%
Southwest Ohio	888,939	942,233	53,294	6.0%
West Ohio	590,922	615,181	24,259	4.1%
Southeast Ohio	345,649	359,290	13,641	4.0%
Northeast Ohio	1,996,374	2,056,711	60,337	3.0%
Northwest Ohio	576,227	591,855	15,628	2.7%

Each 2030 Job Outlook report for Ohio's JobsOhio Region contains a summary of the employment outlook by industry and occupation. Typical education, work experience, and on-the-job training required for each occupation are provided. Annual openings are the result of industry growth and vacancies resulting from retirement and transfers to different occupations.

Technical Notes

Projections of employment demand were made primarily at the four-digit industry level and then aggregated to the three-digit level, based on the North American Industry Classification System (NAICS). Shift-share, time-series and regression analysis techniques were used to compare Ohio's historical regional industry employment to statewide and national industry employment, population growth and various other factors. State and local area projections are partially dependent on the outlook for specific industries nationally.

Regional staffing patterns were estimated using the Local Employment and Wage Information System, which creates wage estimates for customized geographic regions using data from the Occupational Employment and Wage Statistics (OEWS) surveys. Wage estimates are based on Ohio's OEWS surveys. Wage estimates represent May 2021.

Ohio industry staffing patterns were adjusted for expected technological change and other factors from national data provided by the U.S. Bureau of Labor Statistics (BLS). To project occupational openings, Ohio uses national separation rates calculated by the BLS caused by workers exiting the labor force due to retirement or other reasons (labor force exits) and separations caused by workers transferring to different occupations (occupational transfers). Projections of separations are combined with projections of employment change to estimate occupational openings.

Inclusion of education and training levels is made possible by the classification of the Standard Occupational Classification-based occupations into 11 distinct categories by the BLS Office of Occupational Statistics and Employment Projections.

Because it is difficult to estimate future needs with certainty, the long-term job outlook data are updated every other year. More information about projected local job growth in Ohio is available through reports published at [Employment Projections \(ohiolmi.com\)](https://www.ohiolmi.com).

For more information, contact the Ohio Bureau of Labor Market Information at (614) 752-9494 or ContactLMI@jfs.ohio.gov.

JobsOhio Regional Network - West Region

Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
00-0000	Total, All Occupations	590,922	615,181	24,259	4.1%	2,426	25,481	39,153	67,060	\$18.78
11-0000	Management Occupations	36,510	38,831	2,321	6.4%	232	1,321	1,832	3,385	\$47.11
11-1011	Chief Executives	467	425	-42	-9.0%	-4	12	18	26	\$90.24
11-1021	General and Operations Managers	6,496	6,913	417	6.4%	42	134	416	592	\$44.19
11-1031	Legislators	143	145	2	1.4%	0	3	7	10	\$36,983 **
11-2021	Marketing Managers	699	740	41	5.9%	4	14	45	63	\$60.82
11-2022	Sales Managers	959	995	36	3.8%	4	20	62	86	\$59.82
11-3010	Administrative Services and Facilities Managers	950	1,001	51	5.4%	5	28	49	82	\$47.73 ^
11-3021	Computer and Information Systems Managers	1,211	1,287	76	6.3%	8	20	71	99	\$61.52
11-3031	Financial Managers	1,662	1,891	229	13.8%	23	36	89	148	\$58.57
11-3051	Industrial Production Managers	1,351	1,430	79	5.9%	8	27	66	101	\$47.62
11-3061	Purchasing Managers	274	286	12	4.4%	1	6	15	22	\$57.39
11-3071	Transportation, Storage, and Distribution Managers	528	567	39	7.4%	4	10	30	44	\$44.44
11-3121	Human Resources Managers	340	355	15	4.4%	2	8	19	29	\$49.64
11-9013	Farmers, Ranchers, and Other Agricultural Managers	11,637	12,163	526	4.5%	53	734	414	1,201	\$35.12 ^
11-9021	Construction Managers	1,036	1,134	98	9.5%	10	22	55	87	\$46.38
11-9031	Education Administrators, Preschool and Childcare Center/Program	214	239	25	11.7%	2	6	10	18	\$22.48
11-9032	Education Administrators, Elementary and Secondary School	1,018	1,041	23	2.3%	2	26	48	76	\$98,078 **
11-9033	Education Administrators, Postsecondary	380	384	4	1.1%	0	9	18	27	\$37.48
11-9039	Education Administrators, All Other	200	204	4	2.0%	0	5	9	14	\$48.89
11-9041	Architectural and Engineering Managers	764	798	34	4.5%	3	14	40	57	\$61.52
11-9051	Food Service Managers	1,143	1,279	136	11.9%	14	37	97	148	\$23.87
11-9111	Medical and Health Services Managers	1,342	1,724	382	28.5%	38	38	78	154	\$47.08
11-9141	Property, Real Estate, and Community Association Managers	1,243	1,221	-22	-1.8%	-2	47	46	91	\$22.81
11-9151	Social and Community Service Managers	519	590	71	13.7%	7	17	30	54	\$33.86
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All Other	1,423	1,485	62	4.4%	6	34	71	111	\$59.93 ^^^
13-0000	Business and Financial Operations Occupations	34,465	36,073	1,608	4.7%	161	929	2,054	3,144	\$36.29
13-1020	Buyers and Purchasing Agents	2,979	2,758	-221	-7.4%	-22	97	184	259	\$37.09
13-1031	Claims Adjusters, Examiners, and Investigators	873	838	-35	-4.0%	-4	20	44	60	\$30.03
13-1041	Compliance Officers	676	705	29	4.3%	3	17	37	57	\$30.17
13-1051	Cost Estimators	658	657	-1	-0.2%	0	18	40	58	\$30.37
13-1071	Human Resources Specialists	2,829	3,032	203	7.2%	20	79	195	294	\$28.90
13-1075	Labor Relations Specialists	303	271	-32	-10.6%	-3	8	19	24	\$36.57
13-1081	Logisticians	1,531	1,827	296	19.3%	30	35	109	174	\$42.12
13-1111	Management Analysts	3,180	3,610	430	13.5%	43	109	195	347	\$39.43
13-1131	Fundraisers	464	538	74	16.0%	7	16	32	55	\$28.52
13-1141	Compensation, Benefits, and Job Analysis Specialists	245	260	15	6.1%	2	8	15	25	\$29.39
13-1151	Training and Development Specialists	1,107	1,195	88	8.0%	9	35	70	114	\$23.16
13-1161	Market Research Analysts and Marketing Specialists	2,397	2,752	355	14.8%	36	61	188	285	\$28.90
13-1198	Project Management Specialists and Business Operations Specialists, All Other	7,602	7,737	135	1.8%	14	178	376	568	\$35.90 ^^^

JobsOhio Regional Network - West Region

Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
13-2011	Accountants and Auditors	4,163	4,315	152	3.7%	15	118	251	384	\$31.19
13-2020	Property Appraisers and Assessors	334	336	2	0.6%	0	13	12	25	\$30.40
13-2031	Budget Analysts	181	185	4	2.2%	0	4	10	14	\$38.92
13-2052	Personal Financial Advisors	771	789	18	2.3%	2	18	38	58	\$38.20
13-2072	Loan Officers	989	1,000	11	1.1%	1	21	54	76	\$30.05
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	2,029	2,079	50	2.5%	5	36	117	158	\$35.21 ^^^
15-0000	Computer and Mathematical Occupations	21,337	23,496	2,159	10.1%	216	475	1,107	1,798	\$37.46
15-1211	Computer Systems Analysts	2,106	2,186	80	3.8%	8	42	106	156	\$45.66
15-1212	Information Security Analysts	425	535	110	25.9%	11	7	26	44	\$47.61
15-1221	Computer and Information Research Scientists	177	207	30	17.0%	3	3	10	16	\$55.75
15-1231	Computer Network Support Specialists	665	684	19	2.9%	2	13	36	51	\$28.32
15-1232	Computer User Support Specialists	2,775	2,928	153	5.5%	15	54	151	220	\$22.44
15-1241	Computer Network Architects	379	380	1	0.3%	0	5	17	22	\$48.26
15-1244	Network and Computer Systems Administrators	1,224	1,230	6	0.5%	1	21	58	80	\$37.21
15-1245	Database Administrators and Architects	636	676	40	6.3%	4	15	32	51	\$47.44 ^^^
15-1251	Computer Programmers	564	484	-80	-14.2%	-8	10	24	26	\$30.29
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	7,789	8,997	1,208	15.5%	121	195	412	728	\$49.49 ^^^
15-1257	Web Developers and Digital Interface Designers	1,022	1,113	91	8.9%	9	25	52	86	\$49.49 ^^^
15-1299	Computer Occupations, All Other	2,302	2,533	231	10.0%	23	56	119	198	\$45.95
15-2031	Operations Research Analysts	746	881	135	18.1%	14	18	35	67	\$45.57
15-2098	Data Scientists and Mathematical Science Occupations, All Other	393	497	104	26.5%	10	9	22	41	\$30.03 ^^^
17-0000	Architecture and Engineering Occupations	14,419	15,380	961	6.7%	96	344	676	1,116	\$38.03
17-1011	Architects, Except Landscape and Naval	249	243	-6	-2.4%	-1	7	10	16	\$38.01
17-1022	Surveyors	154	149	-5	-3.3%	0	5	8	13	\$29.19
17-2011	Aerospace Engineers	1,252	1,381	129	10.3%	13	27	46	86	\$54.31
17-2051	Civil Engineers	699	731	32	4.6%	3	14	36	53	\$38.16
17-2061	Computer Hardware Engineers	246	253	7	2.9%	1	5	12	18	\$47.94
17-2071	Electrical Engineers	670	708	38	5.7%	4	16	28	48	\$45.72
17-2072	Electronics Engineers, Except Computer	1,558	1,604	46	3.0%	5	38	63	106	\$54.72
17-2081	Environmental Engineers	117	123	6	5.1%	1	3	6	10	\$46.02
17-2112	Industrial Engineers	1,862	2,217	355	19.1%	36	44	82	162	\$37.60
17-2131	Materials Engineers	387	414	27	7.0%	3	8	16	27	\$51.86
17-2141	Mechanical Engineers	1,894	2,096	202	10.7%	20	34	82	136	\$37.40
17-2199	Engineers, All Other	2,062	2,080	18	0.9%	2	44	85	131	\$55.30
17-3011	Architectural and Civil Drafters	396	373	-23	-5.8%	-2	12	24	34	\$23.21
17-3013	Mechanical Drafters	193	190	-3	-1.6%	0	6	12	18	\$28.42
17-3021	Aerospace Engineering and Operations Technicians	217	248	31	14.3%	3	7	14	24	\$29.15
17-3022	Civil Engineering Technicians	129	128	-1	-0.8%	0	4	8	12	\$28.44
17-3023	Electrical and Electronics Engineering Technicians	346	360	14	4.1%	1	11	22	34	\$29.06
17-3026	Industrial Engineering Technicians	428	460	32	7.5%	3	13	27	43	\$28.42

JobsOhio Regional Network - West Region

Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
17-3027	Mechanical Engineering Technicians	484	513	29	6.0%	3	15	31	49	\$28.66
17-3031	Surveying and Mapping Technicians	158	154	-4	-2.5%	0	6	14	20	\$22.37
17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All Other	326	350	24	7.4%	2	10	21	33	\$29.18 ^^^
19-0000	Life, Physical, and Social Science Occupations	4,695	4,895	200	4.3%	20	102	314	436	\$37.61
19-1042	Medical Scientists, Except Epidemiologists	220	259	39	17.7%	4	3	14	21	\$38.74
19-2012	Physicists	154	167	13	8.4%	1	3	8	12	\$57.91
19-2031	Chemists	244	256	12	4.9%	1	4	19	24	\$36.02
19-2041	Environmental Scientists and Specialists, Including Health	240	244	4	1.7%	0	4	19	23	\$32.91
19-2099	Physical Scientists, All Other	141	140	-1	-0.7%	0	2	9	11	\$58.69
19-3031	Clinical, Counseling, and School Psychologists	288	307	19	6.6%	2	8	12	22	\$38.96 ^^^
19-3039	Psychologists, All Other	432	431	-1	-0.2%	0	11	17	28	\$55.01
19-3051	Urban and Regional Planners	125	125	0	0.0%	0	2	9	11	\$37.70
19-3099	Social Scientists and Related Workers, All Other	771	775	4	0.5%	0	17	51	68	\$47.05
19-4021	Biological Technicians	226	244	18	8.0%	2	6	24	32	\$23.38
19-4031	Chemical Technicians	187	201	14	7.5%	1	3	18	22	\$22.74
19-4042	Environmental Science and Protection Technicians, Including Health	106	105	-1	-0.9%	0	3	10	13	\$18.93
19-4061	Social Science Research Assistants	114	126	12	10.5%	1	3	11	15	\$22.96
19-4099	Life, Physical, and Social Science Technicians, All Other	119	125	6	5.0%	1	3	12	16	\$23.64
19-5011	Occupational Health and Safety Specialists	427	442	15	3.5%	2	12	19	33	\$36.20
21-0000	Community and Social Service Occupations	12,340	14,018	1,678	13.6%	168	468	839	1,475	\$22.89
21-1012	Educational, Guidance, School, and Vocational Counselors	1,112	1,158	46	4.1%	5	37	67	109	\$29.46
21-1015	Rehabilitation Counselors	522	584	62	11.9%	6	18	33	57	\$18.37
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	924	1,146	222	24.0%	22	34	61	117	\$23.35
21-1021	Child, Family, and School Social Workers	1,168	1,252	84	7.2%	8	34	76	118	\$23.18
21-1022	Healthcare Social Workers	831	917	86	10.4%	9	24	55	88	\$29.15
21-1023	Mental Health and Substance Abuse Social Workers	563	640	77	13.7%	8	17	38	63	\$19.01
21-1029	Social Workers, All Other	242	265	23	9.5%	2	7	16	25	\$25.41
21-1091	Health Educators	242	261	19	7.9%	2	8	17	27	\$28.85
21-1092	Probation Officers and Correctional Treatment Specialists	353	348	-5	-1.4%	0	8	21	29	\$23.84
21-1093	Social and Human Service Assistants	1,817	2,016	199	11.0%	20	76	145	241	\$17.48
21-1094	Community Health Workers	399	471	72	18.1%	7	15	30	52	\$22.62
21-1099	Community and Social Service Specialists, All Other	430	461	31	7.2%	3	15	31	49	\$22.82
21-2011	Clergy	2,866	3,461	595	20.8%	60	130	183	373	\$23.35
23-0000	Legal Occupations	3,159	3,255	96	3.0%	10	92	136	238	\$30.37
23-1011	Lawyers	1,340	1,388	48	3.6%	5	30	34	69	\$45.87
23-1023	Judges, Magistrate Judges, and Magistrates	289	279	-10	-3.5%	-1	6	7	12	\$39.40
23-2011	Paralegals and Legal Assistants	1,032	1,104	72	7.0%	7	41	72	120	\$22.25
25-0000	Education, Training, and Library Occupations	32,419	33,666	1,247	3.9%	125	1,293	1,493	2,911	\$29.16
25-1011	Business Teachers, Postsecondary	285	282	-3	-1.1%	0	13	13	26	\$76,307 **
25-1022	Mathematical Science Teachers, Postsecondary	178	178	0	0.0%	0	8	8	16	\$77,100 **

JobsOhio Regional Network - West Region Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
25-1042	Biological Science Teachers, Postsecondary	159	169	10	6.3%	1	7	8	16	\$77,100 **
25-1066	Psychology Teachers, Postsecondary	209	217	8	3.8%	1	10	10	21	\$78,050 **
25-1071	Health Specialties Teachers, Postsecondary	461	524	63	13.7%	6	22	23	51	\$96,815 **
25-1072	Nursing Instructors and Teachers, Postsecondary	355	412	57	16.1%	6	17	18	41	\$77,100 **
25-1122	Communications Teachers, Postsecondary	103	103	0	0.0%	0	5	5	10	\$62,494 **
25-1123	English Language and Literature Teachers, Postsecondary	198	199	1	0.5%	0	9	9	18	\$77,324 **
25-1126	Philosophy and Religion Teachers, Postsecondary	146	153	7	4.8%	1	7	7	15	\$78,366 **
25-1194	Vocational Education Teachers, Postsecondary	211	209	-2	-1.0%	0	9	10	19	\$28.55
25-1199	Postsecondary Teachers, All Other	655	645	-10	-1.5%	-1	29	30	58	\$49,863 **
25-2011	Preschool Teachers, Except Special Education	1,516	1,818	302	19.9%	30	68	97	195	\$13.86
25-2021	Elementary School Teachers, Except Special Education	3,646	3,699	53	1.5%	5	113	147	265	\$74,068 **
25-2022	Middle School Teachers, Except Special and Career/Technical Education	2,527	2,569	42	1.7%	4	78	102	184	\$61,634 **
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	6,425	6,562	137	2.1%	14	172	263	449	\$76,006 **
25-2052	Special Education Teachers, Kindergarten and Elementary School	560	569	9	1.6%	1	18	22	41	\$73,089 **
25-2057	Special Education Teachers, Middle School	398	404	6	1.5%	1	13	16	30	\$60,041 **
25-2058	Special Education Teachers, Secondary School	1,022	1,047	25	2.5%	2	34	41	77	\$73,877 **
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	121	106	-15	-12.4%	-2	7	6	11	\$29.14
25-3021	Self-Enrichment Education Teachers	808	949	141	17.5%	14	52	47	113	\$14.25
25-3031	Substitute Teachers, Short-Term	1,037	1,109	72	6.9%	7	64	58	129	\$14.16
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	856	915	59	6.9%	6	53	48	107	\$17.94 ^^^
25-4022	Librarians and Media Collections Specialists	696	701	5	0.7%	0	34	30	64	\$22.76
25-4031	Library Technicians	630	574	-56	-8.9%	-6	50	37	81	\$14.50
25-9031	Instructional Coordinators	550	571	21	3.8%	2	28	24	54	\$29.29
25-9045	Teaching Assistants, Except Postsecondary	4,886	5,123	237	4.9%	24	224	234	482	\$28,669 **
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	9,114	9,858	744	8.2%	74	392	596	1,062	\$22.45
27-1011	Art Directors	104	102	-2	-1.9%	0	5	5	10	\$38.72
27-1023	Floral Designers	180	161	-19	-10.6%	-2	5	10	13	\$12.03
27-1024	Graphic Designers	1,036	996	-40	-3.9%	-4	31	60	87	\$23.50
27-1025	Interior Designers	123	130	7	5.7%	1	4	8	13	\$23.60
27-1026	Merchandise Displayers and Window Trimmers	363	364	1	0.3%	0	11	22	33	\$14.17
27-2022	Coaches and Scouts	1,539	1,652	113	7.3%	11	91	128	230	\$30,124 **
27-2042	Musicians and Singers	857	1,031	174	20.3%	17	56	53	126	\$47.38
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	102	116	14	13.7%	1	4	6	11	\$17.59 ^
27-3011	Radio and Television Announcers	106	109	3	2.8%	0	4	6	10	\$14.35
27-3031	Public Relations Specialists	736	792	56	7.6%	6	19	50	75	\$29.17
27-3041	Editors	216	207	-9	-4.2%	-1	7	13	19	\$29.63
27-3042	Technical Writers	212	225	13	6.1%	1	6	14	21	\$30.35
27-3043	Writers and Authors	323	316	-7	-2.2%	-1	13	18	30	\$29.37
27-3099	Media and Communication Workers, All Other	101	107	6	5.9%	1	4	6	11	\$17.80 †
27-4011	Audio and Video Equipment Technicians	104	126	22	21.2%	2	3	8	13	\$18.48
27-4021	Photographers	493	536	43	8.7%	4	17	29	50	\$17.20

JobsOhio Regional Network - West Region

Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
29-0000	Healthcare Practitioners and Technical Occupations	40,216	42,915	2,699	6.7%	270	1,060	1,253	2,583	\$29.67
29-1011	Chiropractors	181	189	8	4.4%	1	3	2	6	\$29.26
29-1021	Dentists, General	332	333	1	0.3%	0	6	3	9	\$80.30
29-1031	Dietitians and Nutritionists	221	228	7	3.2%	1	7	8	16	\$29.16
29-1041	Optometrists	114	118	4	3.5%	0	2	1	3	\$61.83
29-1051	Pharmacists	1,318	1,259	-59	-4.5%	-6	24	25	43	\$61.38
29-1071	Physician Assistants	441	570	129	29.3%	13	8	20	41	\$48.19
29-1122	Occupational Therapists	608	692	84	13.8%	8	14	21	43	\$38.07
29-1123	Physical Therapists	945	1,074	129	13.7%	13	20	21	54	\$46.01
29-1126	Respiratory Therapists	716	849	133	18.6%	13	17	20	50	\$29.12
29-1127	Speech-Language Pathologists	849	1,025	176	20.7%	18	22	34	74	\$37.28
29-1129	Therapists, All Other	109	118	9	8.3%	1	4	4	9	\$18.60
29-1131	Veterinarians	401	455	54	13.5%	5	7	7	19	\$47.18
29-1141	Registered Nurses	14,254	15,029	775	5.4%	78	391	368	837	\$36.06
29-1171	Nurse Practitioners	891	1,358	467	52.4%	47	24	35	106	\$48.82
29-1215	Family Medicine Physicians	250	253	3	1.2%	0	4	3	7	\$94.24
29-1216	General Internal Medicine Physicians	206	198	-8	-3.9%	-1	3	2	4	\$79.76
29-1221	Pediatricians, General	103	98	-5	-4.9%	0	2	1	3	\$94.01
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	2,223	2,279	56	2.5%	6	36	25	67	\$37.45 ^^^
29-1248	Surgeons, Except Ophthalmologists	134	122	-12	-9.0%	-1	2	1	2	# ^^^
29-1292	Dental Hygienists	906	933	27	3.0%	3	33	23	59	\$36.97
29-2010	Clinical Laboratory Technologists and Technicians	1,404	1,466	62	4.4%	6	37	53	96	\$23.29
29-2031	Cardiovascular Technologists and Technicians	159	165	6	3.8%	1	4	7	12	\$29.14
29-2032	Diagnostic Medical Sonographers	314	353	39	12.4%	4	9	14	27	\$37.56
29-2034	Radiologic Technologists	1,040	1,074	34	3.3%	3	29	45	77	\$29.12
29-2035	Magnetic Resonance Imaging Technologists	187	192	5	2.7%	0	5	8	13	\$36.04
29-2040	Emergency Medical Technicians and Paramedics	1,346	1,405	59	4.4%	6	26	64	96	\$17.76 ^
29-2051	Dietetic Technicians	141	142	1	0.7%	0	4	6	10	\$16.81
29-2052	Pharmacy Technicians	1,524	1,563	39	2.6%	4	42	66	112	\$17.48
29-2053	Psychiatric Technicians	155	182	27	17.4%	3	5	7	15	\$16.74
29-2055	Surgical Technologists	370	384	14	3.8%	1	10	16	27	\$22.92
29-2061	Licensed Practical and Licensed Vocational Nurses	4,324	4,500	176	4.1%	18	149	184	351	\$22.63
29-2081	Opticians, Dispensing	303	307	4	1.3%	0	13	10	23	\$22.04
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	1,478	1,550	72	4.9%	7	41	65	113	\$22.55 ^^^
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	222	255	33	14.9%	3	6	10	19	\$26.19 ^^^
31-0000	Healthcare Support Occupations	21,708	24,950	3,242	14.9%	324	1,346	1,460	3,130	\$14.11
31-1120	Home Health and Personal Care Aides	8,096	10,320	2,224	27.5%	222	590	521	1,333	\$11.65
31-1131	Nursing Assistants	6,183	6,148	-35	-0.6%	-4	395	349	740	\$14.26
31-2011	Occupational Therapy Assistants	504	654	150	29.8%	15	29	42	86	\$29.36

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31-2021	Physical Therapist Assistants	817	1,062	245	30.0%	24	40	71	135	\$29.46
31-9011	Massage Therapists	174	203	29	16.7%	3	11	10	24	\$18.83
31-9091	Dental Assistants	888	916	28	3.2%	3	41	63	107	\$21.99
31-9092	Medical Assistants	2,990	3,438	448	15.0%	45	132	240	417	\$17.63
31-9093	Medical Equipment Preparers	248	255	7	2.8%	1	14	17	32	\$17.55
31-9097	Phlebotomists	661	745	84	12.7%	8	30	51	89	\$17.49
31-9099	Healthcare Support Workers, All Other	181	189	8	4.4%	1	10	12	23	\$23.15
33-0000	Protective Service Occupations	9,364	9,344	-20	-0.2%	-2	426	593	1,017	\$22.95
33-1012	First-Line Supervisors of Police and Detectives	267	268	1	0.4%	0	6	11	17	\$40.63
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	164	166	2	1.2%	0	4	7	11	\$36.89
33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	167	165	-2	-1.2%	0	6	10	16	\$25.23 ^
33-2011	Firefighters	1,824	1,857	33	1.8%	3	41	95	139	\$23.08
33-3011	Bailiffs	130	125	-5	-3.9%	0	5	7	12	\$22.43
33-3012	Correctional Officers and Jailers	902	798	-104	-11.5%	-10	32	46	68	\$22.84
33-3021	Detectives and Criminal Investigators	152	153	1	0.7%	0	4	7	11	\$37.39
33-3051	Police and Sheriff's Patrol Officers	2,335	2,332	-3	-0.1%	0	58	118	176	\$31.74
33-9032	Security Guards	2,121	2,101	-20	-0.9%	-2	112	164	274	\$13.86
33-9098	School Bus Monitors and Protective Service Workers, All Other	341	351	10	2.9%	1	48	38	87	\$15.11 ^^
35-0000	Food Preparation and Serving Related Occupations	43,365	49,019	5,654	13.0%	565	3,530	4,688	8,783	\$10.82
35-1011	Chefs and Head Cooks	137	163	26	19.0%	3	4	15	22	\$21.40
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	4,718	5,531	813	17.2%	81	229	522	832	\$16.94
35-2011	Cooks, Fast Food	2,485	2,345	-140	-5.6%	-14	142	207	335	\$10.43
35-2012	Cooks, Institution and Cafeteria	2,050	2,038	-12	-0.6%	-1	120	175	294	\$14.16
35-2014	Cooks, Restaurant	3,440	4,901	1,461	42.5%	146	245	357	748	\$13.79
35-2021	Food Preparation Workers	2,906	3,092	186	6.4%	19	236	276	531	\$11.77
35-3011	Bartenders	1,805	2,171	366	20.3%	37	90	241	368	\$10.04
35-3023	Fast Food and Counter Workers	15,435	16,996	1,561	10.1%	156	1,572	1,714	3,442	\$10.69
35-3031	Waiters and Waitresses	5,682	6,465	783	13.8%	78	446	725	1,249	\$9.78
35-3041	Food Servers, Nonrestaurant	1,175	1,193	18	1.5%	2	94	92	188	\$11.89
35-9021	Dishwashers	1,018	1,155	137	13.5%	14	82	91	187	\$10.71
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,251	1,500	249	19.9%	25	163	155	343	\$10.34
37-0000	Building and Grounds Cleaning and Maintenance Occupations	18,837	19,197	360	1.9%	36	1,057	1,403	2,496	\$14.23
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	700	698	-2	-0.3%	0	30	48	78	\$21.93
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	857	853	-4	-0.5%	0	26	61	87	\$22.91
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,395	9,614	219	2.3%	22	593	666	1,281	\$14.18
37-2012	Maids and Housekeeping Cleaners	2,687	2,705	18	0.7%	2	183	174	359	\$11.36
37-3011	Landscaping and Groundskeeping Workers	4,859	4,977	118	2.4%	12	212	422	646	\$14.49
39-0000	Personal Care and Service Occupations	10,464	11,338	874	8.4%	87	668	824	1,579	\$11.97
39-2021	Nonfarm Animal Caretakers	567	701	134	23.6%	13	41	53	107	\$10.91
39-3091	Amusement and Recreation Attendants	450	550	100	22.2%	10	49	56	115	\$10.46
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,200	2,174	-26	-1.2%	-3	116	122	235	\$13.63

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39-9011	Childcare Workers	2,390	2,492	102	4.3%	10	164	171	345	\$10.96
39-9031	Fitness Trainers and Aerobics Instructors	944	1,102	158	16.7%	16	60	97	173	\$14.16
39-9032	Recreation Workers	1,192	1,261	69	5.8%	7	72	116	195	\$13.88
39-9041	Residential Advisors	248	276	28	11.3%	3	13	24	40	\$14.62
41-0000	Sales and Related Occupations	49,738	47,327	-2,411	-4.9%	-241	2,540	3,863	6,162	\$13.99
41-1011	First-Line Supervisors of Retail Sales Workers	5,086	4,557	-529	-10.4%	-53	170	334	451	\$18.23
41-1012	First-Line Supervisors of Non-Retail Sales Workers	1,013	936	-77	-7.6%	-8	28	58	78	\$37.82
41-2011	Cashiers	11,782	10,556	-1,226	-10.4%	-123	950	1,069	1,896	\$10.84
41-2021	Counter and Rental Clerks	1,060	1,065	5	0.5%	0	48	73	121	\$14.04
41-2031	Retail Salespersons	14,568	13,991	-577	-4.0%	-58	798	1,180	1,920	\$13.16
41-3011	Advertising Sales Agents	237	205	-32	-13.5%	-3	7	20	24	\$21.75
41-3021	Insurance Sales Agents	2,023	2,115	92	4.6%	9	69	116	194	\$23.29
41-3031	Securities, Commodities, and Financial Services Sales Agents	738	762	24	3.3%	2	17	47	66	\$23.53
41-3041	Travel Agents	108	112	4	3.7%	0	5	7	12	\$18.27
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	2,783	2,863	80	2.9%	8	71	248	327	\$27.87
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	794	826	32	4.0%	3	24	55	82	\$37.86
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	4,993	5,150	157	3.1%	16	150	343	509	\$29.61
41-9022	Real Estate Sales Agents	1,237	1,243	6	0.5%	1	52	54	107	\$17.39
41-9031	Sales Engineers	168	175	7	4.2%	1	3	14	18	\$47.62
41-9099	Sales and Related Workers, All Other	462	422	-40	-8.7%	-4	20	36	52	\$13.63
43-0000	Office and Administrative Support Occupations	67,591	64,925	-2,666	-3.9%	-267	3,147	4,064	6,944	\$17.91
43-1011	First-Line Supervisors of Office and Administrative Support Workers	4,511	4,372	-139	-3.1%	-14	165	271	422	\$27.82
43-2011	Switchboard Operators, Including Answering Service	132	98	-34	-25.8%	-3	6	7	10	\$17.42
43-3011	Bill and Account Collectors	364	340	-24	-6.6%	-2	13	25	36	\$18.23
43-3021	Billing and Posting Clerks	1,468	1,459	-9	-0.6%	-1	60	90	149	\$17.87
43-3031	Bookkeeping, Accounting, and Auditing Clerks	5,224	5,020	-204	-3.9%	-20	300	262	542	\$18.45
43-3051	Payroll and Timekeeping Clerks	455	379	-76	-16.7%	-8	20	23	35	\$22.57
43-3061	Procurement Clerks	294	283	-11	-3.7%	-1	8	18	25	\$18.35
43-3071	Tellers	1,942	1,620	-322	-16.6%	-32	72	112	152	\$14.38
43-4031	Court, Municipal, and License Clerks	1,136	1,159	23	2.0%	2	56	58	116	\$17.87
43-4051	Customer Service Representatives	8,650	8,524	-126	-1.5%	-13	404	675	1,066	\$17.74
43-4061	Eligibility Interviewers, Government Programs	334	332	-2	-0.6%	0	12	17	29	\$18.42
43-4071	File Clerks	288	245	-43	-14.9%	-4	14	16	26	\$17.74
43-4081	Hotel, Motel, and Resort Desk Clerks	380	431	51	13.4%	5	24	43	72	\$11.20
43-4111	Interviewers, Except Eligibility and Loan	361	341	-20	-5.5%	-2	20	23	41	\$17.74
43-4121	Library Assistants, Clerical	637	583	-54	-8.5%	-5	54	39	88	\$11.10
43-4131	Loan Interviewers and Clerks	722	709	-13	-1.8%	-1	21	42	62	\$21.47
43-4151	Order Clerks	412	332	-80	-19.4%	-8	16	23	31	\$18.13

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43-4161	Human Resources Assistants, Except Payroll and Timekeeping	563	519	-44	-7.8%	-4	21	33	50	\$19.42
43-4171	Receptionists and Information Clerks	3,934	3,961	27	0.7%	3	220	273	496	\$13.82
43-4199	Information and Record Clerks, All Other	402	411	9	2.2%	1	17	27	45	\$22.30
43-5011	Cargo and Freight Agents	266	294	28	10.5%	3	11	17	31	\$21.54
43-5021	Couriers and Messengers	295	273	-22	-7.5%	-2	12	16	26	\$14.28
43-5031	Police, Fire, and Ambulance Dispatchers	412	413	1	0.2%	0	14	23	37	\$22.92
43-5032	Dispatchers, Except Police, Fire, and Ambulance	725	744	19	2.6%	2	26	41	69	\$21.04
43-5041	Meter Readers, Utilities	100	83	-17	-17.0%	-2	3	4	5	\$22.68
43-5051	Postal Service Clerks	350	318	-32	-9.1%	-3	15	12	24	\$24.64
43-5052	Postal Service Mail Carriers	1,400	1,271	-129	-9.2%	-13	46	48	81	\$25.21
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	176	152	-24	-13.6%	-2	9	5	12	\$23.69
43-5061	Production, Planning, and Expediting Clerks	2,141	2,287	146	6.8%	15	79	144	238	\$22.82
43-5071	Shipping, Receiving, and Traffic Clerks	4,450	4,248	-202	-4.5%	-20	159	256	395	\$17.60
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	207	221	14	6.8%	1	8	12	21	\$18.29
43-6011	Executive Secretaries and Executive Administrative Assistants	1,123	887	-236	-21.0%	-24	51	56	83	\$28.37
43-6012	Legal Secretaries	405	309	-96	-23.7%	-10	18	20	28	\$22.40
43-6013	Medical Secretaries	2,847	3,012	165	5.8%	16	149	164	329	\$17.61
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	6,477	5,875	-602	-9.3%	-60	314	345	599	\$17.87
43-9021	Data Entry Keyers	407	314	-93	-22.9%	-9	16	23	30	\$17.42
43-9022	Word Processors and Typists	132	84	-48	-36.4%	-5	6	6	7	\$22.92
43-9041	Insurance Claims and Policy Processing Clerks	828	813	-15	-1.8%	-2	29	48	75	\$18.06
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	283	249	-34	-12.0%	-3	14	17	28	\$14.26
43-9061	Office Clerks, General	11,192	10,684	-508	-4.5%	-51	597	649	1,195	\$17.74
43-9199	Office and Administrative Support Workers, All Other	425	429	4	0.9%	0	18	30	48	\$17.42
45-0000	Farming, Fishing, and Forestry Occupations	2,549	2,650	101	4.0%	10	109	295	414	\$14.76
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	162	168	6	3.7%	1	6	17	24	\$27.78
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,680	1,748	68	4.1%	7	73	196	276	\$14.29
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	289	296	7	2.4%	1	12	33	46	\$13.97
47-0000	Construction and Extraction Occupations	18,334	19,160	826	4.5%	83	558	1,284	1,925	\$23.09
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	1,592	1,659	67	4.2%	7	46	105	158	\$30.17
47-2021	Brickmasons and Blockmasons	177	179	2	1.1%	0	6	11	17	\$28.90
47-2031	Carpenters	2,171	2,190	19	0.9%	2	64	136	202	\$23.19
47-2051	Cement Masons and Concrete Finishers	549	543	-6	-1.1%	-1	13	36	48	\$23.09
47-2061	Construction Laborers	3,774	4,075	301	8.0%	30	116	265	411	\$18.63
47-2073	Operating Engineers and Other Construction Equipment Operators	1,655	1,687	32	1.9%	3	55	120	178	\$23.63
47-2111	Electricians	2,482	2,706	224	9.0%	22	75	190	287	\$24.58
47-2121	Glaziers	218	231	13	6.0%	1	6	17	24	\$22.89
47-2141	Painters, Construction and Maintenance	725	755	30	4.1%	3	22	41	66	\$22.19
47-2152	Plumbers, Pipefitters, and Steamfitters	1,038	1,087	49	4.7%	5	31	76	112	\$28.90
47-2181	Roofers	491	512	21	4.3%	2	12	35	49	\$22.42
47-2221	Structural Iron and Steel Workers	171	182	11	6.4%	1	4	14	19	\$28.90

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47-3013	Helpers--Electricians	237	237	0	0.0%	0	7	21	28	\$16.82
47-3019	Helpers, Construction Trades, All Other	113	118	5	4.4%	0	3	10	13	\$12.28
47-4011	Construction and Building Inspectors	234	209	-25	-10.7%	-2	12	13	23	\$30.08
47-4041	Hazardous Materials Removal Workers	144	160	16	11.1%	2	6	12	20	\$22.44
47-4051	Highway Maintenance Workers	683	674	-9	-1.3%	-1	27	43	69	\$22.66
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	206	212	6	2.9%	1	7	17	25	\$23.09
49-0000	Installation, Maintenance, and Repair Occupations	21,843	23,080	1,237	5.7%	124	705	1,410	2,239	\$22.83
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,653	1,733	80	4.8%	8	49	101	158	\$30.87
49-2011	Computer, Automated Teller, and Office Machine Repairers	244	238	-6	-2.5%	-1	7	18	24	\$18.05
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	697	601	-96	-13.8%	-10	23	50	63	\$29.06
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	115	121	6	5.2%	1	3	6	10	\$29.07
49-2098	Security and Fire Alarm Systems Installers	109	114	5	4.6%	0	3	9	12	\$22.65
49-3011	Aircraft Mechanics and Service Technicians	326	379	53	16.3%	5	10	18	33	\$27.81
49-3021	Automotive Body and Related Repairers	522	519	-3	-0.6%	0	16	31	47	\$22.42
49-3023	Automotive Service Technicians and Mechanics	2,882	2,810	-72	-2.5%	-7	85	193	271	\$18.57
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,226	1,307	81	6.6%	8	36	79	123	\$22.71
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	407	480	73	17.9%	7	13	30	50	\$24.18
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	121	123	2	1.7%	0	3	7	10	\$37.42
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,748	1,836	88	5.0%	9	46	122	177	\$23.17
49-9041	Industrial Machinery Mechanics	1,859	2,359	500	26.9%	50	65	114	229	\$24.23
49-9043	Maintenance Workers, Machinery	339	393	54	15.9%	5	12	20	37	\$23.38
49-9044	Millwrights	182	197	15	8.2%	2	6	11	19	\$29.07
49-9051	Electrical Power-Line Installers and Repairers	406	402	-4	-1.0%	0	8	27	35	\$36.47
49-9062	Medical Equipment Repairers	141	159	18	12.8%	2	7	9	18	\$28.90
49-9071	Maintenance and Repair Workers, General	5,845	6,199	354	6.1%	35	212	351	598	\$22.40
49-9098	Helpers--Installation, Maintenance, and Repair Workers	276	299	23	8.3%	2	12	24	38	\$14.07
49-9099	Installation, Maintenance, and Repair Workers, All Other	459	481	22	4.8%	2	17	31	50	\$18.24
51-0000	Production Occupations	63,155	62,810	-345	-0.6%	-34	2,315	4,458	6,739	\$18.09
51-1011	First-Line Supervisors of Production and Operating Workers	3,935	4,138	203	5.2%	20	121	272	413	\$29.28
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	2,992	3,275	283	9.5%	28	126	201	355	\$17.51
51-2090	Miscellaneous Assemblers and Fabricators	11,027	10,279	-748	-6.8%	-75	406	760	1,091	\$17.63
51-3011	Bakers	597	651	54	9.1%	5	35	47	87	\$13.91
51-3021	Butchers and Meat Cutters	523	518	-5	-1.0%	0	21	39	60	\$14.43
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	440	456	16	3.6%	2	18	33	53	\$14.14
51-3092	Food Batchmakers	780	814	34	4.4%	3	37	59	99	\$14.38
51-3099	Food Processing Workers, All Other	221	224	3	1.4%	0	8	14	22	\$13.85
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	457	415	-42	-9.2%	-4	15	27	38	\$17.92
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,410	2,331	-79	-3.3%	-8	75	163	230	\$18.09

JobsOhio Regional Network - West Region Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,008	1,013	5	0.5%	0	46	70	116	\$18.09
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	146	142	-4	-2.7%	0	5	10	15	\$23.05
51-4041	Machinists	4,057	4,419	362	8.9%	36	142	288	466	\$22.29
51-4052	Pourers and Casters, Metal	110	103	-7	-6.4%	-1	2	7	8	\$22.67
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,949	1,773	-176	-9.0%	-18	60	126	168	\$17.65
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,793	1,928	135	7.5%	14	60	126	200	\$18.05
51-4111	Tool and Die Makers	894	881	-13	-1.5%	-1	33	56	88	\$23.65
51-4121	Welders, Cutters, Solderers, and Brazers	2,389	2,659	270	11.3%	27	66	199	292	\$22.47
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	255	253	-2	-0.8%	0	7	20	27	\$18.05
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	124	123	-1	-0.8%	0	4	8	12	\$17.97
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	731	730	-1	-0.1%	0	24	49	73	\$17.48
51-5111	Prepress Technicians and Workers	207	184	-23	-11.1%	-2	7	19	24	\$18.67
51-5112	Printing Press Operators	1,119	962	-157	-14.0%	-16	38	73	95	\$18.09
51-5113	Print Binding and Finishing Workers	236	185	-51	-21.6%	-5	10	13	18	\$14.45
51-6011	Laundry and Dry-Cleaning Workers	699	757	58	8.3%	6	47	49	102	\$11.29
51-6031	Sewing Machine Operators	1,018	959	-59	-5.8%	-6	60	52	106	\$14.62
51-7011	Cabinetmakers and Bench Carpenters	471	518	47	10.0%	5	19	27	51	\$17.91
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	127	131	4	3.2%	0	5	10	15	\$14.80
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	292	312	20	6.9%	2	9	22	33	\$17.41
51-8031	Water and Wastewater Treatment Plant and System Operators	604	555	-49	-8.1%	-5	16	36	47	\$23.16
51-9011	Chemical Equipment Operators and Tenders	697	703	6	0.9%	1	15	54	70	\$22.03
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	154	159	5	3.3%	0	3	12	15	\$18.23
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	127	124	-3	-2.4%	0	4	9	13	\$18.34
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	520	518	-2	-0.4%	0	18	39	57	\$17.92
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	282	287	5	1.8%	0	13	22	35	\$18.09
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	484	494	10	2.1%	1	13	36	50	\$17.48
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	110	119	9	8.2%	1	4	7	12	\$18.13
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,613	3,149	-464	-12.8%	-46	130	268	352	\$18.09
51-9081	Dental Laboratory Technicians	124	122	-2	-1.6%	0	6	10	16	\$20.86
51-9111	Packaging and Filling Machine Operators and Tenders	1,801	1,881	80	4.4%	8	76	122	206	\$17.63
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	977	1,051	74	7.6%	7	28	73	108	\$18.09
51-9161	Computer Numerically Controlled Tool Operators	1,915	1,895	-20	-1.0%	-2	65	141	204	\$21.81
51-9162	Computer Numerically Controlled Tool Programmers	302	383	81	26.8%	8	12	25	45	\$28.41
51-9196	Paper Goods Machine Setters, Operators, and Tenders	723	730	7	1.0%	1	33	48	82	\$18.09
51-9199	Production Workers, All Other	995	1,061	66	6.6%	7	35	76	118	\$17.73
53-0000	Transportation and Material Moving Occupations	55,300	58,994	3,694	6.7%	369	2,602	4,510	7,481	\$17.54
53-2012	Commercial Pilots	138	163	25	18.1%	2	6	11	19	\$97,387 **

JobsOhio Regional Network - West Region

Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
53-3031	Driver/Sales Workers	4,298	5,158	860	20.0%	86	194	321	601	\$10.67
53-3032	Heavy and Tractor-Trailer Truck Drivers	10,249	10,886	637	6.2%	64	433	717	1,214	\$23.27
53-3033	Light Truck or Delivery Services Drivers	3,990	4,191	201	5.0%	20	168	277	465	\$17.69
53-3052	Bus Drivers, Transit and Intercity	369	373	4	1.1%	0	24	18	42	\$18.93
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	1,316	1,729	413	31.4%	41	100	76	217	\$18.05 ^{^^^}
53-6021	Parking Lot Attendants	286	302	16	5.6%	2	14	30	46	\$12.81
53-7011	Conveyor Operators and Tenders	109	105	-4	-3.7%	0	3	9	12	\$16.08
53-7021	Crane and Tower Operators	168	176	8	4.8%	1	5	13	19	\$30.55
53-7051	Industrial Truck and Tractor Operators	3,163	3,369	206	6.5%	21	98	251	370	\$18.66
53-7061	Cleaners of Vehicles and Equipment	1,446	1,520	74	5.1%	7	73	132	212	\$14.08
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	11,908	12,621	713	6.0%	71	537	1,067	1,675	\$16.42
53-7064	Packers and Packagers, Hand	3,533	3,435	-98	-2.8%	-10	198	282	470	\$13.95
53-7065	Stockers and Order Fillers	9,342	9,669	327	3.5%	33	541	927	1,501	\$14.11
53-7081	Refuse and Recyclable Material Collectors	460	501	41	8.9%	4	20	43	67	\$18.74

* Occupations with 100 or more workers.

** Certain occupations only report wages at the annual level.

^ National hourly wage.

^^ National annual wage.

^^^ National aggregate wage.

Wage above max.

▲ Wage not available due to OES/SOC changes.

† Statewide hourly wage.

†† Statewide annual wage.

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, June 2023.

JobsOhio Regional Network - West Region

Occupational* Education and Training Classifications, Projections Report, 2020-2030

SOC Code	Occupational Title	Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-The-Job Training Needed to Attain Competency in the Occupation	Median Wage May 2021
00-0000	Total, All Occupations				\$18.78
11-0000	Management Occupations				\$47.11
11-1011	Chief Executives	Bachelor's degree	5 years or more	None	\$90.24
11-1021	General and Operations Managers	Bachelor's degree	5 years or more	None	\$44.19
11-1031	Legislators	Bachelor's degree	Less than 5 years	None	\$36,983 **
11-2021	Marketing Managers	Bachelor's degree	5 years or more	None	\$60.82
11-2022	Sales Managers	Bachelor's degree	Less than 5 years	None	\$59.82
11-3010	Administrative Services and Facilities Managers	Bachelor's degree	Less than 5 years	None	\$47.73 ^
11-3021	Computer and Information Systems Managers	Bachelor's degree	5 years or more	None	\$61.52
11-3031	Financial Managers	Bachelor's degree	5 years or more	None	\$58.57
11-3051	Industrial Production Managers	Bachelor's degree	5 years or more	None	\$47.62
11-3061	Purchasing Managers	Bachelor's degree	5 years or more	None	\$57.39
11-3071	Transportation, Storage, and Distribution Managers	High school diploma or equivalent	5 years or more	None	\$44.44
11-3121	Human Resources Managers	Bachelor's degree	5 years or more	None	\$49.64
11-9013	Farmers, Ranchers, and Other Agricultural Managers	High school diploma or equivalent	5 years or more	None	\$35.12 ^
11-9021	Construction Managers	Bachelor's degree	None	Moderate-term on-the-job training	\$46.38
11-9031	Education Administrators, Preschool and Childcare Center/Program	Bachelor's degree	Less than 5 years	None	\$22.48
11-9032	Education Administrators, Elementary and Secondary School	Master's degree	5 years or more	None	\$98,078 **
11-9033	Education Administrators, Postsecondary	Master's degree	Less than 5 years	None	\$37.48
11-9039	Education Administrators, All Other	Bachelor's degree	Less than 5 years	None	\$48.89
11-9041	Architectural and Engineering Managers	Bachelor's degree	5 years or more	None	\$61.52
11-9051	Food Service Managers	High school diploma or equivalent	Less than 5 years	None	\$23.87
11-9111	Medical and Health Services Managers	Bachelor's degree	Less than 5 years	None	\$47.08
11-9141	Property, Real Estate, and Community Association Managers	High school diploma or equivalent	Less than 5 years	None	\$22.81
11-9151	Social and Community Service Managers	Bachelor's degree	Less than 5 years	None	\$33.86
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All Other	Bachelor's degree	Less than 5 years	None	\$59.93 ^^^
13-0000	Business and Financial Operations Occupations				\$36.29
13-1020	Buyers and Purchasing Agents	Bachelor's degree	None	Moderate-term on-the-job training	\$37.09
13-1031	Claims Adjusters, Examiners, and Investigators	High school diploma or equivalent	None	Long-term on-the-job training	\$30.03
13-1041	Compliance Officers	Bachelor's degree	None	Moderate-term on-the-job training	\$30.17
13-1051	Cost Estimators	Bachelor's degree	None	Moderate-term on-the-job training	\$30.37
13-1071	Human Resources Specialists	Bachelor's degree	None	None	\$28.90
13-1075	Labor Relations Specialists	Bachelor's degree	Less than 5 years	None	\$36.57
13-1081	Logisticians	Bachelor's degree	None	None	\$42.12
13-1111	Management Analysts	Bachelor's degree	Less than 5 years	None	\$39.43
13-1131	Fundraisers	Bachelor's degree	None	None	\$28.52
13-1141	Compensation, Benefits, and Job Analysis Specialists	Bachelor's degree	Less than 5 years	None	\$29.39
13-1151	Training and Development Specialists	Bachelor's degree	Less than 5 years	None	\$23.16
13-1161	Market Research Analysts and Marketing Specialists	Bachelor's degree	None	None	\$28.90
13-1198	Project Management Specialists and Business Operations Specialists, All Other	Bachelor's degree	None	None	\$35.90 ^^^
13-2011	Accountants and Auditors	Bachelor's degree	None	None	\$31.19
13-2020	Property Appraisers and Assessors	Bachelor's degree	None	Long-term on-the-job training	\$30.40

JobsOhio Regional Network - West Region

Occupational* Education and Training Classifications, Projections Report, 2020-2030

SOC Code	Occupational Title	Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-The-Job Training Needed to Attain Competency in the Occupation	Median Wage May 2021
13-2031	Budget Analysts	Bachelor's degree	None	None	\$38.92
13-2052	Personal Financial Advisors	Bachelor's degree	None	Long-term on-the-job training	\$38.20
13-2072	Loan Officers	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	\$30.05
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	Bachelor's degree	None	None	\$35.21 ^{^^^}
15-0000	Computer and Mathematical Occupations				\$37.46
15-1211	Computer Systems Analysts	Bachelor's degree	None	None	\$45.66
15-1212	Information Security Analysts	Bachelor's degree	Less than 5 years	None	\$47.61
15-1221	Computer and Information Research Scientists	Master's degree	None	None	\$55.75
15-1231	Computer Network Support Specialists	Associate's degree	None	None	\$28.32
15-1232	Computer User Support Specialists	Some college, no degree	None	None	\$22.44
15-1241	Computer Network Architects	Bachelor's degree	5 years or more	None	\$48.26
15-1244	Network and Computer Systems Administrators	Bachelor's degree	None	None	\$37.21
15-1245	Database Administrators and Architects	Bachelor's degree	None	None	\$47.44 ^{^^^}
15-1251	Computer Programmers	Bachelor's degree	None	None	\$30.29
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	Bachelor's degree	None	None	\$49.49 ^{^^^}
15-1257	Web Developers and Digital Interface Designers	Bachelor's degree	None	None	\$49.49 ^{^^^}
15-1299	Computer Occupations, All Other	Bachelor's degree	None	None	\$45.95
15-2031	Operations Research Analysts	Bachelor's degree	None	None	\$45.57
15-2098	Data Scientists and Mathematical Science Occupations, All Other	Bachelor's degree	None	None	\$30.03 ^{^^^}
17-0000	Architecture and Engineering Occupations				\$38.03
17-1011	Architects, Except Landscape and Naval	Bachelor's degree	None	Internship/residency	\$38.01
17-1022	Surveyors	Bachelor's degree	None	Internship/residency	\$29.19
17-2011	Aerospace Engineers	Bachelor's degree	None	None	\$54.31
17-2051	Civil Engineers	Bachelor's degree	None	None	\$38.16
17-2061	Computer Hardware Engineers	Bachelor's degree	None	None	\$47.94
17-2071	Electrical Engineers	Bachelor's degree	None	None	\$45.72
17-2072	Electronics Engineers, Except Computer	Bachelor's degree	None	None	\$54.72
17-2081	Environmental Engineers	Bachelor's degree	None	None	\$46.02
17-2112	Industrial Engineers	Bachelor's degree	None	None	\$37.60
17-2131	Materials Engineers	Bachelor's degree	None	None	\$51.86
17-2141	Mechanical Engineers	Bachelor's degree	None	None	\$37.40
17-2199	Engineers, All Other	Bachelor's degree	None	None	\$55.30
17-3011	Architectural and Civil Drafters	Associate's degree	None	None	\$23.21
17-3013	Mechanical Drafters	Associate's degree	None	None	\$28.42
17-3021	Aerospace Engineering and Operations Technicians	Associate's degree	None	None	\$29.15
17-3022	Civil Engineering Technicians	Associate's degree	None	None	\$28.44
17-3023	Electrical and Electronics Engineering Technicians	Associate's degree	None	None	\$29.06
17-3026	Industrial Engineering Technicians	Associate's degree	None	None	\$28.42
17-3027	Mechanical Engineering Technicians	Associate's degree	None	None	\$28.66
17-3031	Surveying and Mapping Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.37
17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All Other	Associate's degree	None	None	\$29.18 ^{^^^}

JobsOhio Regional Network - West Region

Occupational* Education and Training Classifications, Projections Report, 2020-2030

SOC Code	Occupational Title	Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-The-Job Training Needed to Attain Competency in the Occupation	Median Wage May 2021
19-0000	Life, Physical, and Social Science Occupations				\$37.61
19-1042	Medical Scientists, Except Epidemiologists	Doctoral or professional degree	None	None	\$38.74
19-2012	Physicists	Doctoral or professional degree	None	None	\$57.91
19-2031	Chemists	Bachelor's degree	None	None	\$36.02
19-2041	Environmental Scientists and Specialists, Including Health	Bachelor's degree	None	None	\$32.91
19-2099	Physical Scientists, All Other	Bachelor's degree	None	None	\$58.69
19-3031	Clinical, Counseling, and School Psychologists	Doctoral or professional degree	None	Internship/residency	\$38.96 ^{^^^}
19-3039	Psychologists, All Other	Master's degree	None	Internship/residency	\$55.01
19-3051	Urban and Regional Planners	Master's degree	None	None	\$37.70
19-3099	Social Scientists and Related Workers, All Other	Bachelor's degree	None	None	\$47.05
19-4021	Biological Technicians	Bachelor's degree	None	None	\$23.38
19-4031	Chemical Technicians	Associate's degree	None	Moderate-term on-the-job training	\$22.74
19-4042	Environmental Science and Protection Technicians, Including Health	Associate's degree	None	None	\$18.93
19-4061	Social Science Research Assistants	Bachelor's degree	None	None	\$22.96
19-4099	Life, Physical, and Social Science Technicians, All Other	Associate's degree	None	None	\$23.64
19-5011	Occupational Health and Safety Specialists	Bachelor's degree	None	None	\$36.20
21-0000	Community and Social Service Occupations				\$22.89
21-1012	Educational, Guidance, School, and Vocational Counselors	Master's degree	None	None	\$29.46
21-1015	Rehabilitation Counselors	Master's degree	None	None	\$18.37
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	Bachelor's degree	None	None	\$23.35
21-1021	Child, Family, and School Social Workers	Bachelor's degree	None	None	\$23.18
21-1022	Healthcare Social Workers	Master's degree	None	Internship/residency	\$29.15
21-1023	Mental Health and Substance Abuse Social Workers	Master's degree	None	Internship/residency	\$19.01
21-1029	Social Workers, All Other	Bachelor's degree	None	None	\$25.41
21-1091	Health Educators	Bachelor's degree	None	None	\$28.85
21-1092	Probation Officers and Correctional Treatment Specialists	Bachelor's degree	None	Short-term on-the-job training	\$23.84
21-1093	Social and Human Service Assistants	High school diploma or equivalent	None	Short-term on-the-job training	\$17.48
21-1094	Community Health Workers	High school diploma or equivalent	None	Short-term on-the-job training	\$22.62
21-1099	Community and Social Service Specialists, All Other	Bachelor's degree	None	None	\$22.82
21-2011	Clergy	Bachelor's degree	None	Moderate-term on-the-job training	\$23.35
23-0000	Legal Occupations				\$30.37
23-1011	Lawyers	Doctoral or professional degree	None	None	\$45.87
23-1023	Judges, Magistrate Judges, and Magistrates	Doctoral or professional degree	5 years or more	Short-term on-the-job training	\$39.40
23-2011	Paralegals and Legal Assistants	Associate's degree	None	None	\$22.25
25-0000	Education, Training, and Library Occupations				\$29.16
25-1011	Business Teachers, Postsecondary	Doctoral or professional degree	None	None	\$76,307 **
25-1022	Mathematical Science Teachers, Postsecondary	Doctoral or professional degree	None	None	\$77,100 **
25-1042	Biological Science Teachers, Postsecondary	Doctoral or professional degree	None	None	\$77,100 **
25-1066	Psychology Teachers, Postsecondary	Doctoral or professional degree	None	None	\$78,050 **
25-1071	Health Specialties Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	\$96,815 **
25-1072	Nursing Instructors and Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	\$77,100 **
25-1122	Communications Teachers, Postsecondary	Doctoral or professional degree	None	None	\$62,494 **
25-1123	English Language and Literature Teachers, Postsecondary	Doctoral or professional degree	None	None	\$77,324 **

JobsOhio Regional Network - West Region

Occupational* Education and Training Classifications, Projections Report, 2020-2030

SOC Code	Occupational Title	Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-The-Job Training Needed to Attain Competency in the Occupation	Median Wage May 2021
25-1126	Philosophy and Religion Teachers, Postsecondary	Doctoral or professional degree	None	None	\$78,366 **
25-1194	Vocational Education Teachers, Postsecondary	Bachelor's degree	Less than 5 years	None	\$28.55
25-1199	Postsecondary Teachers, All Other	Doctoral or professional degree	None	None	\$49,863 **
25-2011	Preschool Teachers, Except Special Education	Associate's degree	None	None	\$13.86
25-2021	Elementary School Teachers, Except Special Education	Bachelor's degree	None	None	\$74,068 **
25-2022	Middle School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	None	\$61,634 **
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	None	\$76,006 **
25-2052	Special Education Teachers, Kindergarten and Elementary School	Bachelor's degree	None	None	\$73,089 **
25-2057	Special Education Teachers, Middle School	Bachelor's degree	None	None	\$60,041 **
25-2058	Special Education Teachers, Secondary School	Bachelor's degree	None	None	\$73,877 **
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	Bachelor's degree	None	None	\$29.14
25-3021	Self-Enrichment Education Teachers	High school diploma or equivalent	Less than 5 years	None	\$14.25
25-3031	Substitute Teachers, Short-Term	Bachelor's degree	None	None	\$14.16
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	Bachelor's degree	None	None	\$17.94 ^^^
25-4022	Librarians and Media Collections Specialists	Master's degree	None	None	\$22.76
25-4031	Library Technicians	Postsecondary non-degree award	None	None	\$14.50
25-9031	Instructional Coordinators	Master's degree	5 years or more	None	\$29.29
25-9045	Teaching Assistants, Except Postsecondary	Some college, no degree	None	None	\$28,669 **
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations				\$22.45
27-1011	Art Directors	Bachelor's degree	5 years or more	None	\$38.72
27-1023	Floral Designers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$12.03
27-1024	Graphic Designers	Bachelor's degree	None	None	\$23.50
27-1025	Interior Designers	Bachelor's degree	None	None	\$23.60
27-1026	Merchandise Displayers and Window Trimmers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.17
27-2022	Coaches and Scouts	Bachelor's degree	None	None	\$30,124 **
27-2042	Musicians and Singers	No formal educational credential	None	Long-term on-the-job training	\$47.38
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	No formal educational credential	None	Short-term on-the-job training	\$17.59 ^
27-3011	Radio and Television Announcers	Bachelor's degree	None	None	\$14.35
27-3031	Public Relations Specialists	Bachelor's degree	None	None	\$29.17
27-3041	Editors	Bachelor's degree	Less than 5 years	None	\$29.63
27-3042	Technical Writers	Bachelor's degree	Less than 5 years	Short-term on-the-job training	\$30.35
27-3043	Writers and Authors	Bachelor's degree	None	Long-term on-the-job training	\$29.37
27-3099	Media and Communication Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	\$17.80 †
27-4011	Audio and Video Equipment Technicians	Postsecondary non-degree award	None	Short-term on-the-job training	\$18.48
27-4021	Photographers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.20
29-0000	Healthcare Practitioners and Technical Occupations				\$29.67
29-1011	Chiropractors	Doctoral or professional degree	None	None	\$29.26
29-1021	Dentists, General	Doctoral or professional degree	None	None	\$80.30
29-1031	Dietitians and Nutritionists	Bachelor's degree	None	Internship/residency	\$29.16
29-1041	Optometrists	Doctoral or professional degree	None	None	\$61.83
29-1051	Pharmacists	Doctoral or professional degree	None	None	\$61.38
29-1071	Physician Assistants	Master's degree	None	None	\$48.19
29-1122	Occupational Therapists	Master's degree	None	None	\$38.07

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29-1123	Physical Therapists	Doctoral or professional degree	None	None	\$46.01
29-1126	Respiratory Therapists	Associate's degree	None	None	\$29.12
29-1127	Speech-Language Pathologists	Master's degree	None	Internship/residency	\$37.28
29-1129	Therapists, All Other	Bachelor's degree	None	None	\$18.60
29-1131	Veterinarians	Doctoral or professional degree	None	None	\$47.18
29-1141	Registered Nurses	Bachelor's degree	None	None	\$36.06
29-1171	Nurse Practitioners	Master's degree	None	None	\$48.82
29-1215	Family Medicine Physicians	Doctoral or professional degree	None	Internship/residency	\$94.24
29-1216	General Internal Medicine Physicians	Doctoral or professional degree	None	Internship/residency	\$79.76
29-1221	Pediatricians, General	Doctoral or professional degree	None	Internship/residency	\$94.01
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	Doctoral or professional degree	None	Internship/residency	\$37.45 ^^^
29-1248	Surgeons, Except Ophthalmologists	Doctoral or professional degree	None	Internship/residency	# ^^^
29-1292	Dental Hygienists	Associate's degree	None	None	\$36.97
29-2010	Clinical Laboratory Technologists and Technicians	Bachelor's degree	None	None	\$23.29
29-2031	Cardiovascular Technologists and Technicians	Associate's degree	None	None	\$29.14
29-2032	Diagnostic Medical Sonographers	Associate's degree	None	None	\$37.56
29-2034	Radiologic Technologists	Associate's degree	None	None	\$29.12
29-2035	Magnetic Resonance Imaging Technologists	Associate's degree	Less than 5 years	None	\$36.04
29-2040	Emergency Medical Technicians and Paramedics	Postsecondary non-degree award	None	None	\$17.76 ^
29-2051	Dietetic Technicians	Associate's degree	None	None	\$16.81
29-2052	Pharmacy Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.48
29-2053	Psychiatric Technicians	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training	\$16.74
29-2055	Surgical Technologists	Postsecondary non-degree award	None	None	\$22.92
29-2061	Licensed Practical and Licensed Vocational Nurses	Postsecondary non-degree award	None	None	\$22.63
29-2081	Opticians, Dispensing	High school diploma or equivalent	None	Long-term on-the-job training	\$22.04
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	Postsecondary non-degree award	None	None	\$22.55 ^^^
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	Postsecondary non-degree award	None	None	\$26.19 ^^^
31-0000	Healthcare Support Occupations				\$14.11
31-1120	Home Health and Personal Care Aides	High school diploma or equivalent	None	Short-term on-the-job training	\$11.65
31-1131	Nursing Assistants	Postsecondary non-degree award	None	None	\$14.26
31-2011	Occupational Therapy Assistants	Associate's degree	None	None	\$29.36
31-2021	Physical Therapist Assistants	Associate's degree	None	None	\$29.46
31-9011	Massage Therapists	Postsecondary non-degree award	None	None	\$18.83
31-9091	Dental Assistants	Postsecondary non-degree award	None	None	\$21.99
31-9092	Medical Assistants	Postsecondary non-degree award	None	None	\$17.63
31-9093	Medical Equipment Preparers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.55
31-9097	Phlebotomists	Postsecondary non-degree award	None	None	\$17.49
31-9099	Healthcare Support Workers, All Other	High school diploma or equivalent	None	None	\$23.15
33-0000	Protective Service Occupations				\$22.95
33-1012	First-Line Supervisors of Police and Detectives	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$40.63
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training	\$36.89

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33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	High school diploma or equivalent	Less than 5 years	None	\$25.23 ^
33-2011	Firefighters	Postsecondary non-degree award	None	Long-term on-the-job training	\$23.08
33-3011	Bailiffs	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.43
33-3012	Correctional Officers and Jailers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.84
33-3021	Detectives and Criminal Investigators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$37.39
33-3051	Police and Sheriff's Patrol Officers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$31.74
33-9032	Security Guards	High school diploma or equivalent	None	Short-term on-the-job training	\$13.86
33-9098	School Bus Monitors and Protective Service Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	\$15.11 ^^^
35-0000	Food Preparation and Serving Related Occupations				\$10.82
35-1011	Chefs and Head Cooks	High school diploma or equivalent	5 years or more	None	\$21.40
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	High school diploma or equivalent	Less than 5 years	None	\$16.94
35-2011	Cooks, Fast Food	No formal educational credential	None	Short-term on-the-job training	\$10.43
35-2012	Cooks, Institution and Cafeteria	No formal educational credential	None	Short-term on-the-job training	\$14.16
35-2014	Cooks, Restaurant	No formal educational credential	Less than 5 years	Moderate-term on-the-job training	\$13.79
35-2021	Food Preparation Workers	No formal educational credential	None	Short-term on-the-job training	\$11.77
35-3011	Bartenders	No formal educational credential	None	Short-term on-the-job training	\$10.04
35-3023	Fast Food and Counter Workers	No formal educational credential	None	Short-term on-the-job training	\$10.69
35-3031	Waiters and Waitresses	No formal educational credential	None	Short-term on-the-job training	\$9.78
35-3041	Food Servers, Nonrestaurant	No formal educational credential	None	Short-term on-the-job training	\$11.89
35-9021	Dishwashers	No formal educational credential	None	Short-term on-the-job training	\$10.71
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	No formal educational credential	None	Short-term on-the-job training	\$10.34
37-0000	Building and Grounds Cleaning and Maintenance Occupations				\$14.23
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	High school diploma or equivalent	Less than 5 years	None	\$21.93
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	High school diploma or equivalent	Less than 5 years	None	\$22.91
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	No formal educational credential	None	Short-term on-the-job training	\$14.18
37-2012	Maids and Housekeeping Cleaners	No formal educational credential	None	Short-term on-the-job training	\$11.36
37-3011	Landscaping and Groundskeeping Workers	No formal educational credential	None	Short-term on-the-job training	\$14.49
39-0000	Personal Care and Service Occupations				\$11.97
39-2021	Nonfarm Animal Caretakers	High school diploma or equivalent	None	Short-term on-the-job training	\$10.91
39-3091	Amusement and Recreation Attendants	No formal educational credential	None	Short-term on-the-job training	\$10.46
39-5012	Hairdressers, Hairstylists, and Cosmetologists	Postsecondary non-degree award	None	None	\$13.63
39-9011	Childcare Workers	High school diploma or equivalent	None	Short-term on-the-job training	\$10.96
39-9031	Fitness Trainers and Aerobics Instructors	High school diploma or equivalent	None	Short-term on-the-job training	\$14.16
39-9032	Recreation Workers	High school diploma or equivalent	None	Short-term on-the-job training	\$13.88
39-9041	Residential Advisors	High school diploma or equivalent	None	Short-term on-the-job training	\$14.62
41-0000	Sales and Related Occupations				\$13.99
41-1011	First-Line Supervisors of Retail Sales Workers	High school diploma or equivalent	Less than 5 years	None	\$18.23
41-1012	First-Line Supervisors of Non-Retail Sales Workers	High school diploma or equivalent	Less than 5 years	None	\$37.82
41-2011	Cashiers	No formal educational credential	None	Short-term on-the-job training	\$10.84
41-2021	Counter and Rental Clerks	No formal educational credential	None	Short-term on-the-job training	\$14.04
41-2031	Retail Salespersons	No formal educational credential	None	Short-term on-the-job training	\$13.16
41-3011	Advertising Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	\$21.75
41-3021	Insurance Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.29

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41-3031	Securities, Commodities, and Financial Services Sales Agents	Bachelor's degree	None	Moderate-term on-the-job training	\$23.53
41-3041	Travel Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.27
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	High school diploma or equivalent	None	Moderate-term on-the-job training	\$27.87
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	Bachelor's degree	None	Moderate-term on-the-job training	\$37.86
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	High school diploma or equivalent	None	Moderate-term on-the-job training	\$29.61
41-9022	Real Estate Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.39
41-9031	Sales Engineers	Bachelor's degree	None	Moderate-term on-the-job training	\$47.62
41-9099	Sales and Related Workers, All Other	High school diploma or equivalent	None	None	\$13.63
43-0000	Office and Administrative Support Occupations				\$17.91
43-1011	First-Line Supervisors of Office and Administrative Support Workers	High school diploma or equivalent	Less than 5 years	None	\$27.82
43-2011	Switchboard Operators, Including Answering Service	High school diploma or equivalent	None	Short-term on-the-job training	\$17.42
43-3011	Bill and Account Collectors	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.23
43-3021	Billing and Posting Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.87
43-3031	Bookkeeping, Accounting, and Auditing Clerks	Some college, no degree	None	Moderate-term on-the-job training	\$18.45
43-3051	Payroll and Timekeeping Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.57
43-3061	Procurement Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.35
43-3071	Tellers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.38
43-4031	Court, Municipal, and License Clerks	High school diploma or equivalent	None	Long-term on-the-job training	\$17.87
43-4051	Customer Service Representatives	High school diploma or equivalent	None	Short-term on-the-job training	\$17.74
43-4061	Eligibility Interviewers, Government Programs	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.42
43-4071	File Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$17.74
43-4081	Hotel, Motel, and Resort Desk Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$11.20
43-4111	Interviewers, Except Eligibility and Loan	High school diploma or equivalent	None	Short-term on-the-job training	\$17.74
43-4121	Library Assistants, Clerical	High school diploma or equivalent	None	Short-term on-the-job training	\$11.10
43-4131	Loan Interviewers and Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$21.47
43-4151	Order Clerks	Some college, no degree	None	Short-term on-the-job training	\$18.13
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	Associate's degree	None	None	\$19.42
43-4171	Receptionists and Information Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$13.82
43-4199	Information and Record Clerks, All Other	High school diploma or equivalent	None	Short-term on-the-job training	\$22.30
43-5011	Cargo and Freight Agents	High school diploma or equivalent	None	Short-term on-the-job training	\$21.54
43-5021	Couriers and Messengers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.28
43-5031	Police, Fire, and Ambulance Dispatchers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.92
43-5032	Dispatchers, Except Police, Fire, and Ambulance	High school diploma or equivalent	None	Moderate-term on-the-job training	\$21.04
43-5041	Meter Readers, Utilities	High school diploma or equivalent	None	Short-term on-the-job training	\$22.68
43-5051	Postal Service Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$24.64
43-5052	Postal Service Mail Carriers	High school diploma or equivalent	None	Short-term on-the-job training	\$25.21
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	High school diploma or equivalent	None	Short-term on-the-job training	\$23.69
43-5061	Production, Planning, and Expediting Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.82
43-5071	Shipping, Receiving, and Traffic Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$17.60
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	High school diploma or equivalent	None	Short-term on-the-job training	\$18.29

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43-6011	Executive Secretaries and Executive Administrative Assistants	High school diploma or equivalent	Less than 5 years	None	\$28.37
43-6012	Legal Secretaries	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.40
43-6013	Medical Secretaries	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.61
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	High school diploma or equivalent	None	Short-term on-the-job training	\$17.87
43-9021	Data Entry Keyers	High school diploma or equivalent	None	Short-term on-the-job training	\$17.42
43-9022	Word Processors and Typists	High school diploma or equivalent	None	Short-term on-the-job training	\$22.92
43-9041	Insurance Claims and Policy Processing Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.06
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	High school diploma or equivalent	None	Short-term on-the-job training	\$14.26
43-9061	Office Clerks, General	High school diploma or equivalent	None	Short-term on-the-job training	\$17.74
43-9199	Office and Administrative Support Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	\$17.42
45-0000	Farming, Fishing, and Forestry Occupations				\$14.76
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	High school diploma or equivalent	Less than 5 years	None	\$27.78
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	No formal educational credential	None	Short-term on-the-job training	\$14.29
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	No formal educational credential	None	Short-term on-the-job training	\$13.97
47-0000	Construction and Extraction Occupations				\$23.09
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	High school diploma or equivalent	5 years or more	None	\$30.17
47-2021	Brickmasons and Blockmasons	High school diploma or equivalent	None	Apprenticeship	\$28.90
47-2031	Carpenters	High school diploma or equivalent	None	Apprenticeship	\$23.19
47-2051	Cement Masons and Concrete Finishers	No formal educational credential	None	Moderate-term on-the-job training	\$23.09
47-2061	Construction Laborers	No formal educational credential	None	Short-term on-the-job training	\$18.63
47-2073	Operating Engineers and Other Construction Equipment Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.63
47-2111	Electricians	High school diploma or equivalent	None	Apprenticeship	\$24.58
47-2121	Glaziers	High school diploma or equivalent	None	Apprenticeship	\$22.89
47-2141	Painters, Construction and Maintenance	No formal educational credential	None	Moderate-term on-the-job training	\$22.19
47-2152	Plumbers, Pipefitters, and Steamfitters	High school diploma or equivalent	None	Apprenticeship	\$28.90
47-2181	Roofers	No formal educational credential	None	Moderate-term on-the-job training	\$22.42
47-2221	Structural Iron and Steel Workers	High school diploma or equivalent	None	Apprenticeship	\$28.90
47-3013	Helpers--Electricians	High school diploma or equivalent	None	Short-term on-the-job training	\$16.82
47-3019	Helpers, Construction Trades, All Other	No formal educational credential	None	Short-term on-the-job training	\$12.28
47-4011	Construction and Building Inspectors	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	\$30.08
47-4041	Hazardous Materials Removal Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.44
47-4051	Highway Maintenance Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.66
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.09
49-0000	Installation, Maintenance, and Repair Occupations				\$22.83
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	High school diploma or equivalent	Less than 5 years	None	\$30.87
49-2011	Computer, Automated Teller, and Office Machine Repairers	Some college, no degree	None	Short-term on-the-job training	\$18.05
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	Postsecondary non-degree award	None	Moderate-term on-the-job training	\$29.06
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	Postsecondary non-degree award	None	Long-term on-the-job training	\$29.07
49-2098	Security and Fire Alarm Systems Installers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.65
49-3011	Aircraft Mechanics and Service Technicians	Postsecondary non-degree award	None	None	\$27.81
49-3021	Automotive Body and Related Repairers	High school diploma or equivalent	None	Long-term on-the-job training	\$22.42
49-3023	Automotive Service Technicians and Mechanics	Postsecondary non-degree award	None	Short-term on-the-job training	\$18.57
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	High school diploma or equivalent	None	Long-term on-the-job training	\$22.71

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49-3042	Mobile Heavy Equipment Mechanics, Except Engines	High school diploma or equivalent	None	Long-term on-the-job training	\$24.18
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	High school diploma or equivalent	None	Moderate-term on-the-job training	\$37.42
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Postsecondary non-degree award	None	Long-term on-the-job training	\$23.17
49-9041	Industrial Machinery Mechanics	High school diploma or equivalent	None	Long-term on-the-job training	\$24.23
49-9043	Maintenance Workers, Machinery	High school diploma or equivalent	None	Long-term on-the-job training	\$23.38
49-9044	Millwrights	High school diploma or equivalent	None	Apprenticeship	\$29.07
49-9051	Electrical Power-Line Installers and Repairers	High school diploma or equivalent	None	Long-term on-the-job training	\$36.47
49-9062	Medical Equipment Repairers	Associate's degree	None	Moderate-term on-the-job training	\$28.90
49-9071	Maintenance and Repair Workers, General	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.40
49-9098	Helpers--Installation, Maintenance, and Repair Workers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.07
49-9099	Installation, Maintenance, and Repair Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.24
51-0000	Production Occupations				\$18.09
51-1011	First-Line Supervisors of Production and Operating Workers	High school diploma or equivalent	Less than 5 years	None	\$29.28
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.51
51-2090	Miscellaneous Assemblers and Fabricators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.63
51-3011	Bakers	No formal educational credential	None	Long-term on-the-job training	\$13.91
51-3021	Butchers and Meat Cutters	No formal educational credential	None	Long-term on-the-job training	\$14.43
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	No formal educational credential	None	Short-term on-the-job training	\$14.14
51-3092	Food Batchmakers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.38
51-3099	Food Processing Workers, All Other	No formal educational credential	None	Moderate-term on-the-job training	\$13.85
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.92
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.05
51-4041	Machinists	High school diploma or equivalent	None	Long-term on-the-job training	\$22.29
51-4052	Pourers and Casters, Metal	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.67
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.65
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.05
51-4111	Tool and Die Makers	Postsecondary non-degree award	None	Long-term on-the-job training	\$23.65
51-4121	Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.47
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.05
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.97
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.48
51-5111	Prepress Technicians and Workers	Postsecondary non-degree award	None	None	\$18.67
51-5112	Printing Press Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-5113	Print Binding and Finishing Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.45
51-6011	Laundry and Dry-Cleaning Workers	No formal educational credential	None	Short-term on-the-job training	\$11.29
51-6031	Sewing Machine Operators	No formal educational credential	None	Short-term on-the-job training	\$14.62

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Occupational* Education and Training Classifications, Projections Report, 2020-2030

SOC Code	Occupational Title	Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-The-Job Training Needed to Attain Competency in the Occupation	Median Wage May 2021
51-7011	Cabinetmakers and Bench Carpenters	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.91
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.80
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.41
51-8031	Water and Wastewater Treatment Plant and System Operators	High school diploma or equivalent	None	Long-term on-the-job training	\$23.16
51-9011	Chemical Equipment Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.03
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.23
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.34
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.92
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.48
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.13
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-9081	Dental Laboratory Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	\$20.86
51-9111	Packaging and Filling Machine Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.63
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-9161	Computer Numerically Controlled Tool Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$21.81
51-9162	Computer Numerically Controlled Tool Programmers	Postsecondary non-degree award	None	Moderate-term on-the-job training	\$28.41
51-9196	Paper Goods Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-9199	Production Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.73
53-0000	Transportation and Material Moving Occupations				\$17.54
53-2012	Commercial Pilots	High school diploma or equivalent	None	Moderate-term on-the-job training	\$97,387 **
53-3031	Driver/Sales Workers	High school diploma or equivalent	None	Short-term on-the-job training	\$10.67
53-3032	Heavy and Tractor-Trailer Truck Drivers	Postsecondary non-degree award	None	Short-term on-the-job training	\$23.27
53-3033	Light Truck or Delivery Services Drivers	High school diploma or equivalent	None	Short-term on-the-job training	\$17.69
53-3052	Bus Drivers, Transit and Intercity	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.93
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	No formal educational credential	None	Short-term on-the-job training	\$18.05 ^^^
53-6021	Parking Lot Attendants	No formal educational credential	None	Short-term on-the-job training	\$12.81
53-7011	Conveyor Operators and Tenders	No formal educational credential	None	Short-term on-the-job training	\$16.08
53-7021	Crane and Tower Operators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$30.55
53-7051	Industrial Truck and Tractor Operators	No formal educational credential	None	Short-term on-the-job training	\$18.66
53-7061	Cleaners of Vehicles and Equipment	No formal educational credential	None	Short-term on-the-job training	\$14.08
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	No formal educational credential	None	Short-term on-the-job training	\$16.42
53-7064	Packers and Packagers, Hand	No formal educational credential	None	Short-term on-the-job training	\$13.95
53-7065	Stockers and Order Fillers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.11
53-7081	Refuse and Recyclable Material Collectors	No formal educational credential	None	Short-term on-the-job training	\$18.74

* Occupations with 100 or more workers.

** Certain occupations only report wages at the annual level.

^ National hourly wage.

^^ National annual wage.

^^^ National aggregate wage.

Wage above max.

▲ Wage not available due to OES/SOC changes.

† Statewide hourly wage.

†† Statewide annual wage.

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, June 2023.

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