



2030 Job Outlook

Dayton Metropolitan Statistical Area

Greene, Miami, and Montgomery Counties



July 2023

2030 Job Outlook for Ohio Metropolitan Statistical Areas

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 eight largest metropolitan statistical areas. 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 102,228 in the Columbus MSA to a growth of 5,723 jobs in the Youngstown-Warren-Boardman MSA. Among the state's largest metropolitan statistical areas, the highest projected growth is in Columbus (9.4%), followed by Cincinnati (6.0%), Dayton (4.9%), Cleveland-Elyria (4.5%), Akron (4.2%), Canton-Massillon (3.7%), Youngstown-Warren-Boardman (3.6%), and Toledo (3.5%).

Comparison of Ohio Metropolitan Statistical Areas: 2020-2030

Ohio Metropolitan Statistical Areas	2020 Employment	2030 Projected Employment	Projected Change 2020-2030	
			Number	Percent
Akron MSA	325,672	339,438	13,766	4.2%
Canton-Massillon MSA	169,284	175,464	6,180	3.7%
Cincinnati MSA	888,939	942,233	53,294	6.0%
Cleveland-Elyria MSA	1,027,279	1,073,551	46,272	4.5%
Columbus MSA	1,087,191	1,189,419	102,228	9.4%
Dayton MSA	380,258	398,981	18,723	4.9%
Toledo MSA	293,705	303,899	10,194	3.5%
Youngstown-Warren-Boardman MSA	160,838	166,561	5,723	3.6%

Each 2030 Job Outlook report for Ohio's metropolitan statistical areas 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://ohiolmi.com).

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

Dayton Metropolitan Statistical Area
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	380,258	398,981	18,723	4.9%	1,872	16,280	25,065	43,217	\$21.71
11-0000	Management Occupations	19,325	20,748	1,423	7.4%	142	571	1,046	1,759	\$47.62
11-1011	Chief Executives	321	300	-21	-6.5%	-2	8	12	18	\$91.54
11-1021	General and Operations Managers	4,033	4,313	280	6.9%	28	83	259	370	\$45.44
11-2022	Sales Managers	578	599	21	3.6%	2	12	37	51	\$59.76
11-2030	Public Relations and Fundraising Managers	117	124	7	6.0%	1	3	7	11	\$57.62 ^
11-3010	Administrative Services and Facilities Managers	638	681	43	6.7%	4	19	33	56	\$47.73 ^
11-3021	Computer and Information Systems Managers	897	944	47	5.2%	5	15	52	72	\$61.52
11-3031	Financial Managers	1,232	1,399	167	13.6%	17	27	66	110	\$59.73
11-3051	Industrial Production Managers	710	747	37	5.2%	4	14	34	52	\$48.21
11-3061	Purchasing Managers	199	201	2	1.0%	0	4	11	15	\$59.18
11-3071	Transportation, Storage, and Distribution Managers	282	308	26	9.2%	3	6	16	25	\$40.68
11-3121	Human Resources Managers	233	245	12	5.2%	1	6	13	20	\$51.51
11-9021	Construction Managers	544	599	55	10.1%	6	12	29	47	\$47.40
11-9031	Education Administrators, Preschool and Childcare Center/Program	148	158	10	6.8%	1	4	7	12	\$22.52
11-9032	Education Administrators, Elementary and Secondary School	612	652	40	6.5%	4	16	29	49	\$98,740 **
11-9033	Education Administrators, Postsecondary	310	317	7	2.3%	1	8	15	24	\$37.48
11-9039	Education Administrators, All Other	186	192	6	3.2%	1	5	9	15	\$50.08
11-9041	Architectural and Engineering Managers	504	515	11	2.2%	1	9	26	36	\$61.58
11-9051	Food Service Managers	931	1,073	142	15.3%	14	31	80	125	\$23.96
11-9111	Medical and Health Services Managers	960	1,256	296	30.8%	30	28	56	114	\$48.12
11-9141	Property, Real Estate, and Community Association Managers	1,009	1,012	3	0.3%	0	38	38	76	\$23.14
11-9151	Social and Community Service Managers	336	381	45	13.4%	4	11	19	34	\$35.84
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All Other	1,010	1,046	36	3.6%	4	24	50	78	\$59.93 ^^^
13-0000	Business and Financial Operations Occupations	26,297	27,484	1,187	4.5%	119	704	1,560	2,383	\$37.03
13-1020	Buyers and Purchasing Agents	2,350	2,157	-193	-8.2%	-19	77	144	202	\$38.71
13-1031	Claims Adjusters, Examiners, and Investigators	352	339	-13	-3.7%	-1	8	18	25	\$31.94
13-1041	Compliance Officers	504	528	24	4.8%	2	12	28	42	\$30.37
13-1051	Cost Estimators	495	493	-2	-0.4%	0	14	30	44	\$31.19
13-1071	Human Resources Specialists	1,998	2,122	124	6.2%	12	56	137	205	\$28.91
13-1075	Labor Relations Specialists	270	250	-20	-7.4%	-2	7	17	22	\$36.57
13-1081	Logisticians	1,284	1,507	223	17.4%	22	29	91	142	\$43.39
13-1111	Management Analysts	2,437	2,792	355	14.6%	36	84	150	270	\$41.21
13-1131	Fundraisers	301	323	22	7.3%	2	10	20	32	\$28.91
13-1141	Compensation, Benefits, and Job Analysis Specialists	208	221	13	6.3%	1	6	13	20	\$29.32
13-1151	Training and Development Specialists	740	816	76	10.3%	8	23	48	79	\$23.43
13-1161	Market Research Analysts and Marketing Specialists	1,747	2,031	284	16.3%	28	45	138	211	\$28.91
13-1198	Project Management Specialists and Business Operations Specialists, All Other	6,279	6,357	78	1.2%	8	146	310	464	\$35.90 ^^^
13-2011	Accountants and Auditors	2,792	2,897	105	3.8%	10	79	168	257	\$31.94
13-2020	Property Appraisers and Assessors	234	240	6	2.6%	1	9	9	19	\$30.42

Dayton Metropolitan Statistical Area
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	
13-2031	Budget Analysts	163	163	0	0.0%	0	4	8	12	\$38.92
13-2052	Personal Financial Advisors	731	750	19	2.6%	2	17	36	55	\$38.92
13-2072	Loan Officers	787	790	3	0.4%	0	17	43	60	\$30.31
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	1,782	1,829	47	2.6%	5	32	103	140	\$35.21 ^^^
15-0000	Computer and Mathematical Occupations	17,092	18,923	1,831	10.7%	183	384	889	1,456	\$37.71
15-1211	Computer Systems Analysts	1,687	1,756	69	4.1%	7	34	85	126	\$45.66
15-1212	Information Security Analysts	370	467	97	26.2%	10	6	23	39	\$47.62
15-1221	Computer and Information Research Scientists	166	194	28	16.9%	3	3	9	15	\$55.75
15-1231	Computer Network Support Specialists	395	406	11	2.8%	1	8	21	30	\$28.59
15-1232	Computer User Support Specialists	1,990	2,113	123	6.2%	12	38	109	159	\$22.44
15-1241	Computer Network Architects	299	302	3	1.0%	0	4	14	18	\$48.59
15-1244	Network and Computer Systems Administrators	922	932	10	1.1%	1	16	44	61	\$37.51
15-1245	Database Administrators and Architects	518	545	27	5.2%	3	12	26	41	\$47.44 ^^^
15-1251	Computer Programmers	361	306	-55	-15.2%	-6	7	15	16	\$30.30
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	6,565	7,568	1,003	15.3%	100	164	346	610	\$49.49 ^^^
15-1257	Web Developers and Digital Interface Designers	835	909	74	8.9%	7	20	43	70	\$49.49 ^^^
15-1299	Computer Occupations, All Other	1,948	2,157	209	10.7%	21	48	101	170	\$45.95
15-2031	Operations Research Analysts	586	703	117	20.0%	12	14	28	54	\$46.66
15-2098	Data Scientists and Mathematical Science Occupations, All Other	350	440	90	25.7%	9	8	20	37	\$30.03 ^^^
17-0000	Architecture and Engineering Occupations	10,843	11,369	526	4.9%	53	255	496	804	\$43.59
17-1011	Architects, Except Landscape and Naval	213	212	-1	-0.5%	0	6	9	15	\$38.26
17-1022	Surveyors	113	110	-3	-2.7%	0	4	6	10	\$29.19
17-2011	Aerospace Engineers	1,191	1,316	125	10.5%	12	26	43	81	\$54.30
17-2051	Civil Engineers	496	526	30	6.1%	3	10	26	39	\$39.36
17-2061	Computer Hardware Engineers	231	239	8	3.5%	1	4	11	16	\$49.28
17-2071	Electrical Engineers	532	554	22	4.1%	2	13	22	37	\$46.68
17-2072	Electronics Engineers, Except Computer	1,450	1,490	40	2.8%	4	35	59	98	\$55.31
17-2081	Environmental Engineers	106	112	6	5.7%	1	3	5	9	\$47.49
17-2112	Industrial Engineers	1,094	1,255	161	14.7%	16	26	47	89	\$38.11
17-2131	Materials Engineers	321	340	19	5.9%	2	7	13	22	\$57.62
17-2141	Mechanical Engineers	1,212	1,284	72	5.9%	7	21	51	79	\$37.72
17-2199	Engineers, All Other	1,782	1,786	4	0.2%	0	38	74	112	\$57.01
17-3011	Architectural and Civil Drafters	307	288	-19	-6.2%	-2	9	19	26	\$23.21
17-3021	Aerospace Engineering and Operations Technicians	211	241	30	14.2%	3	7	14	24	\$29.15
17-3023	Electrical and Electronics Engineering Technicians	273	280	7	2.6%	1	8	17	26	\$29.15
17-3026	Industrial Engineering Technicians	173	186	13	7.5%	1	5	11	17	\$28.42
17-3027	Mechanical Engineering Technicians	273	279	6	2.2%	1	8	17	26	\$28.90
17-3031	Surveying and Mapping Technicians	137	136	-1	-0.7%	0	5	12	17	\$22.37
17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All Other	197	206	9	4.6%	1	6	12	19	\$29.18 ^^^

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		2020 Annual	2030 Projected	2020-2030	Percent	Growth	Exits	Transfers	Total	
19-0000	Life, Physical, and Social Science Occupations	3,698	3,850	152	4.1%	15	79	243	337	\$39.38
19-1042	Medical Scientists, Except Epidemiologists	193	230	37	19.2%	4	3	12	19	\$38.74
19-2012	Physicists	150	163	13	8.7%	1	3	7	11	\$57.91
19-2031	Chemists	176	183	7	4.0%	1	3	13	17	\$37.22
19-2041	Environmental Scientists and Specialists, Including Health	176	180	4	2.3%	0	3	14	17	\$36.06
19-2099	Physical Scientists, All Other	136	136	0	0.0%	0	2	8	10	\$58.70
19-3031	Clinical, Counseling, and School Psychologists	204	218	14	6.9%	1	6	8	15	\$38.96 ^^^
19-3039	Psychologists, All Other	418	417	-1	-0.2%	0	11	16	27	\$55.01
19-3051	Urban and Regional Planners	109	108	-1	-0.9%	0	2	8	10	\$39.61
19-3099	Social Scientists and Related Workers, All Other	702	706	4	0.6%	0	15	46	61	\$47.05
19-4021	Biological Technicians	183	199	16	8.7%	2	4	19	25	\$23.38
19-4031	Chemical Technicians	132	143	11	8.3%	1	2	12	15	\$23.43
19-4061	Social Science Research Assistants	110	122	12	10.9%	1	3	11	15	\$22.96
19-5011	Occupational Health and Safety Specialists	250	255	5	2.0%	0	7	11	18	\$37.23
21-0000	Community and Social Service Occupations	7,808	8,513	705	9.0%	70	279	524	873	\$23.16
21-1012	Educational, Guidance, School, and Vocational Counselors	744	790	46	6.2%	5	25	45	75	\$29.39
21-1015	Rehabilitation Counselors	260	273	13	5.0%	1	9	16	26	\$18.51
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	687	867	180	26.2%	18	25	46	89	\$23.41
21-1021	Child, Family, and School Social Workers	940	1,004	64	6.8%	6	27	61	94	\$23.19
21-1022	Healthcare Social Workers	669	744	75	11.2%	8	20	45	73	\$29.66
21-1023	Mental Health and Substance Abuse Social Workers	362	439	77	21.3%	8	11	25	44	\$18.68
21-1092	Probation Officers and Correctional Treatment Specialists	253	248	-5	-2.0%	0	5	15	20	\$26.25
21-1093	Social and Human Service Assistants	1,263	1,406	143	11.3%	14	53	101	168	\$17.59
21-1094	Community Health Workers	261	311	50	19.2%	5	10	20	35	\$22.62
21-1099	Community and Social Service Specialists, All Other	366	390	24	6.6%	2	13	26	41	\$22.82
21-2011	Clergy	1,259	1,262	3	0.2%	0	52	73	125	\$23.73
23-0000	Legal Occupations	2,520	2,594	74	2.9%	7	75	111	193	\$30.89
23-1011	Lawyers	1,065	1,097	32	3.0%	3	23	27	53	\$45.44
23-1023	Judges, Magistrate Judges, and Magistrates	174	170	-4	-2.3%	0	4	4	8	\$39.40
23-2011	Paralegals and Legal Assistants	892	952	60	6.7%	6	36	62	104	\$22.61
25-0000	Education, Training, and Library Occupations	22,007	23,493	1,486	6.8%	149	893	1,030	2,072	\$29.21
25-1011	Business Teachers, Postsecondary	227	230	3	1.3%	0	10	11	21	\$76,310 **
25-1022	Mathematical Science Teachers, Postsecondary	159	161	2	1.3%	0	7	8	15	\$77,100 **
25-1042	Biological Science Teachers, Postsecondary	143	153	10	7.0%	1	7	7	15	\$77,100 **
25-1066	Psychology Teachers, Postsecondary	190	200	10	5.3%	1	9	9	19	\$78,570 **
25-1071	Health Specialties Teachers, Postsecondary	404	473	69	17.1%	7	20	20	47	\$97,380 **
25-1072	Nursing Instructors and Teachers, Postsecondary	354	421	67	18.9%	7	17	18	42	\$77,100 **
25-1081	Education Teachers, Postsecondary	232	238	6	2.6%	1	10	11	22	\$60,510 **
25-1121	Art, Drama, and Music Teachers, Postsecondary	222	228	6	2.7%	1	10	10	21	\$62,060 **
25-1123	English Language and Literature Teachers, Postsecondary	160	163	3	1.9%	0	7	8	15	\$77,400 **
25-1126	Philosophy and Religion Teachers, Postsecondary	145	154	9	6.2%	1	7	7	15	\$79,410 **

Dayton Metropolitan Statistical Area
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	
25-1194	Vocational Education Teachers, Postsecondary	171	175	4	2.3%	0	8	8	16	\$24.46
25-1199	Postsecondary Teachers, All Other	424	416	-8	-1.9%	-1	19	20	38	\$49,860 **
25-2011	Preschool Teachers, Except Special Education	1,130	1,347	217	19.2%	22	51	72	145	\$13.86
25-2021	Elementary School Teachers, Except Special Education	1,688	1,784	96	5.7%	10	53	70	133	\$76,700 **
25-2022	Middle School Teachers, Except Special and Career/Technical Education	1,841	1,946	105	5.7%	10	58	76	144	\$61,000 **
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	4,577	4,860	283	6.2%	28	125	191	344	\$76,880 **
25-2052	Special Education Teachers, Kindergarten and Elementary School	243	257	14	5.8%	1	8	10	19	\$75,610 **
25-2057	Special Education Teachers, Middle School	285	301	16	5.6%	2	10	12	24	\$60,670 **
25-2058	Special Education Teachers, Secondary School	838	903	65	7.8%	6	28	35	69	\$76,880 **
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	123	109	-14	-11.4%	-1	7	6	12	\$29.14
25-3021	Self-Enrichment Education Teachers	420	482	62	14.8%	6	27	24	57	\$14.36
25-3031	Substitute Teachers, Short-Term	453	507	54	11.9%	5	29	26	60	\$14.39
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	673	727	54	8.0%	5	42	38	85	\$17.94 ^^^
25-4022	Librarians and Media Collections Specialists	576	584	8	1.4%	1	29	25	55	\$23.06
25-4031	Library Technicians	456	413	-43	-9.4%	-4	36	27	59	\$17.75
25-9031	Instructional Coordinators	338	360	22	6.5%	2	17	15	34	\$28.55
25-9045	Teaching Assistants, Except Postsecondary	3,097	3,359	262	8.5%	26	144	151	321	\$28,660 **
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	6,097	6,596	499	8.2%	50	250	394	694	\$22.99
27-1023	Floral Designers	123	114	-9	-7.3%	-1	4	7	10	\$13.38
27-1024	Graphic Designers	730	718	-12	-1.6%	-1	22	43	64	\$23.53
27-1026	Merchandise Displayers and Window Trimmers	240	241	1	0.4%	0	7	14	21	\$14.17
27-2022	Coaches and Scouts	748	866	118	15.8%	12	46	65	123	\$37,700 **
27-2042	Musicians and Singers	427	463	36	8.4%	4	26	25	55	\$50.81
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	111	147	36	32.4%	4	5	7	16	\$17.59 ^
27-3031	Public Relations Specialists	597	638	41	6.9%	4	15	40	59	\$29.66
27-3041	Editors	123	120	-3	-2.4%	0	4	8	12	\$29.63
27-3042	Technical Writers	165	173	8	4.9%	1	4	10	15	\$30.97
27-3043	Writers and Authors	265	270	5	1.9%	0	11	15	26	\$29.34
27-4021	Photographers	283	292	9	3.2%	1	10	16	27	\$17.20
29-0000	Healthcare Practitioners and Technical Occupations	30,727	32,904	2,177	7.1%	218	806	943	1,967	\$30.00
29-1011	Chiropractors	124	128	4	3.2%	0	2	1	3	\$29.12
29-1021	Dentists, General	225	213	-12	-5.3%	-1	4	2	5	\$99.52
29-1031	Dietitians and Nutritionists	182	189	7	3.9%	1	6	6	13	\$29.43
29-1051	Pharmacists	992	944	-48	-4.8%	-5	18	19	32	\$61.63
29-1071	Physician Assistants	379	493	114	30.1%	11	7	17	35	\$48.19
29-1122	Occupational Therapists	435	495	60	13.8%	6	10	15	31	\$38.63
29-1123	Physical Therapists	687	775	88	12.8%	9	14	15	38	\$47.37
29-1126	Respiratory Therapists	573	679	106	18.5%	11	13	16	40	\$29.28
29-1127	Speech-Language Pathologists	589	719	130	22.1%	13	15	23	51	\$37.32
29-1129	Therapists, All Other	104	115	11	10.6%	1	3	4	8	\$36.16 †
29-1131	Veterinarians	240	270	30	12.5%	3	4	4	11	\$47.82

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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	
29-1141	Registered Nurses	11,165	11,825	660	5.9%	66	307	289	662	\$36.06
29-1171	Nurse Practitioners	751	1,160	409	54.5%	41	20	30	91	\$48.84
29-1215	Family Medicine Physicians	201	204	3	1.5%	0	3	2	5	\$83.13
29-1216	General Internal Medicine Physicians	190	181	-9	-4.7%	-1	3	2	4	# †
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	2,026	2,077	51	2.5%	5	33	23	61	\$37.45 ^^^
29-1248	Surgeons, Except Ophthalmologists	126	116	-10	-7.9%	-1	2	1	2	# ^
29-1292	Dental Hygienists	601	580	-21	-3.5%	-2	21	15	34	\$37.14
29-2010	Clinical Laboratory Technologists and Technicians	1,203	1,258	55	4.6%	6	32	46	84	\$23.16
29-2031	Cardiovascular Technologists and Technicians	121	126	5	4.1%	0	3	5	8	\$29.14
29-2032	Diagnostic Medical Sonographers	214	238	24	11.2%	2	6	10	18	\$38.16
29-2034	Radiologic Technologists	785	813	28	3.6%	3	22	34	59	\$29.25
29-2035	Magnetic Resonance Imaging Technologists	158	162	4	2.5%	0	4	7	11	\$36.06
29-2040	Emergency Medical Technicians and Paramedics	731	767	36	4.9%	4	14	35	53	\$17.76 ^
29-2051	Dietetic Technicians	121	124	3	2.5%	0	3	5	8	\$17.28
29-2052	Pharmacy Technicians	1,009	1,032	23	2.3%	2	28	44	74	\$17.61
29-2053	Psychiatric Technicians	134	180	46	34.3%	5	4	7	16	\$17.48
29-2055	Surgical Technologists	296	304	8	2.7%	1	8	13	22	\$23.11
29-2061	Licensed Practical and Licensed Vocational Nurses	2,967	3,138	171	5.8%	17	103	127	247	\$22.87
29-2081	Opticians, Dispensing	220	223	3	1.4%	0	9	8	17	\$22.20
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	1,174	1,231	57	4.9%	6	33	52	91	\$22.55 ^^^
29-2098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	190	221	31	16.3%	3	6	9	18	\$26.19 ^^^
31-0000	Healthcare Support Occupations	15,412	17,990	2,578	16.7%	258	966	1,040	2,264	\$14.20
31-1120	Home Health and Personal Care Aides	6,041	7,956	1,915	31.7%	192	448	396	1,036	\$11.65
31-1131	Nursing Assistants	4,194	4,189	-5	-0.1%	0	268	237	505	\$14.32
31-1132	Orderlies	222	227	5	2.3%	0	14	13	27	\$14.32
31-2011	Occupational Therapy Assistants	303	390	87	28.7%	9	17	25	51	\$29.94
31-2021	Physical Therapist Assistants	514	663	149	29.0%	15	25	44	84	\$29.94
31-9011	Massage Therapists	131	156	25	19.1%	2	8	8	18	\$18.01
31-9091	Dental Assistants	662	641	-21	-3.2%	-2	30	46	74	\$22.58
31-9092	Medical Assistants	2,138	2,461	323	15.1%	32	94	172	298	\$17.87
31-9093	Medical Equipment Preparers	203	209	6	3.0%	1	11	14	26	\$17.76
31-9097	Phlebotomists	523	593	70	13.4%	7	24	41	72	\$17.50
31-9099	Healthcare Support Workers, All Other	141	150	9	6.4%	1	8	10	19	\$23.74
33-0000	Protective Service Occupations	6,717	6,820	103	1.5%	10	318	437	765	\$23.08
33-1012	First-Line Supervisors of Police and Detectives	170	171	1	0.6%	0	4	7	11	\$47.76
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	107	108	1	0.9%	0	3	4	7	\$37.98
33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	130	132	2	1.5%	0	5	8	13	\$25.23 ^
33-2011	Firefighters	1,362	1,383	21	1.5%	2	30	71	103	\$24.10
33-3012	Correctional Officers and Jailers	487	425	-62	-12.7%	-6	17	25	36	\$23.08

Dayton Metropolitan Statistical Area
Occupational* Employment Projections Report, 2020-2030

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33-3021	Detectives and Criminal Investigators	125	124	-1	-0.8%	0	3	6	9	\$37.76
33-3051	Police and Sheriff's Patrol Officers	1,491	1,488	-3	-0.2%	0	37	76	113	\$36.96
33-9032	Security Guards	1,804	1,815	11	0.6%	1	96	140	237	\$13.86
33-9098	School Bus Monitors and Protective Service Workers, All Other	240	251	11	4.6%	1	34	27	62	\$15.11 ^^^
35-0000	Food Preparation and Serving Related Occupations	29,562	34,482	4,920	16.6%	492	2,439	3,263	6,194	\$10.89
35-1011	Chefs and Head Cooks	102	121	19	18.6%	2	3	11	16	\$23.28
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	3,201	3,869	668	20.9%	67	158	360	585	\$17.48
35-2011	Cooks, Fast Food	1,982	1,924	-58	-2.9%	-6	115	167	276	\$10.43
35-2012	Cooks, Institution and Cafeteria	1,095	1,120	25	2.3%	2	65	95	162	\$14.24
35-2014	Cooks, Restaurant	2,532	3,728	1,196	47.2%	120	184	268	572	\$14.07
35-2021	Food Preparation Workers	1,519	1,625	106	7.0%	11	124	145	280	\$12.07
35-3011	Bartenders	1,283	1,597	314	24.5%	31	65	174	270	\$10.04
35-3023	Fast Food and Counter Workers	10,273	11,677	1,404	13.7%	140	1,064	1,160	2,364	\$10.70
35-3031	Waiters and Waitresses	4,295	5,052	757	17.6%	76	343	558	977	\$9.78
35-3041	Food Servers, Nonrestaurant	758	775	17	2.2%	2	61	60	123	\$13.91
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	478	577	99	20.7%	10	46	46	102	\$11.19
35-9021	Dishwashers	773	903	130	16.8%	13	63	70	146	\$10.95
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	988	1,222	234	23.7%	23	131	124	278	\$10.35
37-0000	Building and Grounds Cleaning and Maintenance Occupations	11,926	11,973	47	0.4%	5	663	883	1,551	\$14.34
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	454	447	-7	-1.5%	-1	19	31	49	\$22.05
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	522	505	-17	-3.3%	-2	16	37	51	\$23.21
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,766	5,841	75	1.3%	8	362	407	777	\$14.18
37-2012	Maids and Housekeeping Cleaners	1,798	1,774	-24	-1.3%	-2	121	115	234	\$11.65
37-3011	Landscaping and Groundskeeping Workers	3,152	3,169	17	0.5%	2	136	271	409	\$16.93
39-0000	Personal Care and Service Occupations	7,068	7,990	922	13.0%	92	461	572	1,125	\$13.46
39-3091	Amusement and Recreation Attendants	348	423	75	21.6%	8	38	43	89	\$10.47
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,609	1,738	129	8.0%	13	89	93	195	\$14.02
39-9011	Childcare Workers	1,305	1,313	8	0.6%	1	88	92	181	\$11.19
39-9031	Fitness Trainers and Aerobics Instructors	697	917	220	31.6%	22	47	77	146	\$14.37
39-9032	Recreation Workers	913	980	67	7.3%	7	55	90	152	\$13.95
41-0000	Sales and Related Occupations	32,960	31,351	-1,609	-4.9%	-161	1,690	2,570	4,099	\$14.12
41-1011	First-Line Supervisors of Retail Sales Workers	3,277	2,942	-335	-10.2%	-34	110	215	291	\$18.36
41-1012	First-Line Supervisors of Non-Retail Sales Workers	692	649	-43	-6.2%	-4	19	40	55	\$37.93
41-2011	Cashiers	7,684	6,913	-771	-10.0%	-77	621	699	1,243	\$10.92
41-2021	Counter and Rental Clerks	702	710	8	1.1%	1	32	48	81	\$14.11
41-2031	Retail Salespersons	9,874	9,470	-404	-4.1%	-40	541	799	1,300	\$13.38
41-3011	Advertising Sales Agents	183	159	-24	-13.1%	-2	5	16	19	\$23.30
41-3021	Insurance Sales Agents	1,106	1,159	53	4.8%	5	38	63	106	\$28.81
41-3031	Securities, Commodities, and Financial Services Sales Agents	545	562	17	3.1%	2	12	35	49	\$23.25
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	2,039	2,129	90	4.4%	9	52	183	244	\$28.68

Dayton Metropolitan Statistical Area
Occupational* Employment Projections Report, 2020-2030

SOC Code	Occupational Title	Employment*		Change in Employment		Annual Openings				Median Wage May 2021
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41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	425	431	6	1.4%	1	13	29	43	\$39.25
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,945	3,002	57	1.9%	6	88	201	295	\$29.72
41-9022	Real Estate Sales Agents	951	975	24	2.5%	2	40	42	84	\$17.40
41-9031	Sales Engineers	107	112	5	4.7%	0	2	9	11	\$47.68
41-9099	Sales and Related Workers, All Other	202	191	-11	-5.5%	-1	9	16	24	\$13.77
43-0000	Office and Administrative Support Occupations	42,990	41,233	-1,757	-4.1%	-176	2,014	2,583	4,421	\$18.03
43-1011	First-Line Supervisors of Office and Administrative Support Workers	2,802	2,708	-94	-3.4%	-9	102	168	261	\$28.90
43-3011	Bill and Account Collectors	236	225	-11	-4.7%	-1	8	16	23	\$18.23
43-3021	Billing and Posting Clerks	889	896	7	0.8%	1	37	55	93	\$18.13
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,155	2,993	-162	-5.1%	-16	180	157	321	\$19.14
43-3051	Payroll and Timekeeping Clerks	316	266	-50	-15.8%	-5	14	16	25	\$22.79
43-3061	Procurement Clerks	212	207	-5	-2.4%	0	6	13	19	\$18.45
43-3071	Tellers	1,190	995	-195	-16.4%	-20	44	69	93	\$14.52
43-4031	Court, Municipal, and License Clerks	739	753	14	1.9%	1	36	38	75	\$17.88
43-4051	Customer Service Representatives	5,474	5,507	33	0.6%	3	258	432	693	\$17.77
43-4061	Eligibility Interviewers, Government Programs	201	200	-1	-0.5%	0	7	10	17	\$22.92
43-4071	File Clerks	197	170	-27	-13.7%	-3	10	11	18	\$17.88
43-4081	Hotel, Motel, and Resort Desk Clerks	225	245	20	8.9%	2	14	25	41	\$11.32
43-4111	Interviewers, Except Eligibility and Loan	265	248	-17	-6.4%	-2	15	17	30	\$17.74
43-4121	Library Assistants, Clerical	444	408	-36	-8.1%	-4	38	27	61	\$11.10
43-4131	Loan Interviewers and Clerks	468	463	-5	-1.1%	0	13	27	40	\$20.62
43-4151	Order Clerks	244	195	-49	-20.1%	-5	9	14	18	\$18.60
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	282	266	-16	-5.7%	-2	10	17	25	\$22.13
43-4171	Receptionists and Information Clerks	2,769	2,796	27	1.0%	3	155	192	350	\$13.85
43-4199	Information and Record Clerks, All Other	334	342	8	2.4%	1	14	22	37	\$22.65
43-5021	Couriers and Messengers	217	210	-7	-3.2%	-1	9	12	20	\$14.35
43-5031	Police, Fire, and Ambulance Dispatchers	270	271	1	0.4%	0	10	15	25	\$28.59
43-5032	Dispatchers, Except Police, Fire, and Ambulance	427	426	-1	-0.2%	0	15	24	39	\$18.29
43-5051	Postal Service Clerks	214	192	-22	-10.3%	-2	9	7	14	\$24.64
43-5052	Postal Service Mail Carriers	896	802	-94	-10.5%	-9	30	30	51	\$25.21
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	164	140	-24	-14.6%	-2	8	5	11	\$23.69
43-5061	Production, Planning, and Expediting Clerks	1,222	1,306	84	6.9%	8	45	82	135	\$22.72
43-5071	Shipping, Receiving, and Traffic Clerks	2,542	2,439	-103	-4.1%	-10	91	146	227	\$17.56
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	103	110	7	6.8%	1	4	6	11	\$18.01
43-6011	Executive Secretaries and Executive Administrative Assistants	776	601	-175	-22.6%	-18	35	38	55	\$28.96
43-6012	Legal Secretaries	273	208	-65	-23.8%	-6	12	13	19	\$22.90
43-6013	Medical Secretaries	2,026	2,129	103	5.1%	10	106	116	232	\$17.74
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	4,120	3,687	-433	-10.5%	-43	199	218	374	\$17.99
43-9021	Data Entry Keyers	311	247	-64	-20.6%	-6	12	18	24	\$17.74

Dayton Metropolitan Statistical Area

Occupational* Employment Projections Report, 2020-2030

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43-9041	Insurance Claims and Policy Processing Clerks	442	429	-13	-2.9%	-1	15	26	40	\$18.06
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	208	181	-27	-13.0%	-3	10	12	19	\$14.26
43-9061	Office Clerks, General	7,335	7,026	-309	-4.2%	-31	392	426	787	\$17.88
43-9199	Office and Administrative Support Workers, All Other	321	328	7	2.2%	1	13	22	36	\$17.83
45-0000	Farming, Fishing, and Forestry Occupations	766	809	43	5.6%	4	33	89	126	\$14.39
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	584	622	38	6.5%	4	26	69	99	\$14.33
47-0000	Construction and Extraction Occupations	11,706	12,233	527	4.5%	53	356	819	1,228	\$23.42
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	1,014	1,062	48	4.7%	5	29	67	101	\$31.27
47-2021	Brickmasons and Blockmasons	126	129	3	2.4%	0	4	8	12	\$28.90
47-2031	Carpenters	1,543	1,566	23	1.5%	2	45	97	144	\$23.38
47-2051	Cement Masons and Concrete Finishers	206	205	-1	-0.5%	0	5	14	19	\$23.09
47-2061	Construction Laborers	2,406	2,603	197	8.2%	20	74	169	263	\$21.92
47-2073	Operating Engineers and Other Construction Equipment Operators	1,019	1,040	21	2.1%	2	34	74	110	\$28.55
47-2111	Electricians	1,583	1,716	133	8.4%	13	48	121	182	\$23.55
47-2121	Glaziers	180	191	11	6.1%	1	5	14	20	\$22.75
47-2141	Painters, Construction and Maintenance	472	484	12	2.5%	1	14	26	41	\$22.47
47-2152	Plumbers, Pipefitters, and Steamfitters	785	820	35	4.5%	4	23	58	85	\$28.90
47-2181	Roofers	317	330	13	4.1%	1	8	23	32	\$22.76
47-2221	Structural Iron and Steel Workers	119	125	6	5.0%	1	3	9	13	\$28.90
47-3013	Helpers--Electricians	167	165	-2	-1.2%	0	5	14	19	\$14.48
47-4011	Construction and Building Inspectors	135	120	-15	-11.1%	-2	7	8	13	\$30.09
47-4051	Highway Maintenance Workers	324	323	-1	-0.3%	0	13	20	33	\$23.09
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	125	133	8	6.4%	1	4	11	16	\$28.18
49-0000	Installation, Maintenance, and Repair Occupations	13,211	13,796	585	4.4%	58	422	856	1,336	\$22.88
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,022	1,064	42	4.1%	4	30	62	96	\$31.35
49-2011	Computer, Automated Teller, and Office Machine Repairers	195	190	-5	-2.6%	0	6	15	21	\$18.14
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	538	483	-55	-10.2%	-6	18	39	51	\$28.99
49-2098	Security and Fire Alarm Systems Installers	105	111	6	5.7%	1	3	8	12	\$22.69
49-3011	Aircraft Mechanics and Service Technicians	243	270	27	11.1%	3	7	13	23	\$29.24
49-3021	Automotive Body and Related Repairers	274	282	8	2.9%	1	9	16	26	\$23.03
49-3023	Automotive Service Technicians and Mechanics	2,060	2,040	-20	-1.0%	-2	61	139	198	\$18.67
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	514	544	30	5.8%	3	15	33	51	\$23.04
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	211	243	32	15.2%	3	7	15	25	\$23.40
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,235	1,294	59	4.8%	6	32	86	124	\$23.52
49-9041	Industrial Machinery Mechanics	866	1,084	218	25.2%	22	30	53	105	\$28.44
49-9043	Maintenance Workers, Machinery	110	114	4	3.6%	0	4	6	10	\$30.29
49-9051	Electrical Power-Line Installers and Repairers	249	245	-4	-1.6%	0	5	17	22	\$36.47
49-9071	Maintenance and Repair Workers, General	3,436	3,637	201	5.9%	20	125	206	351	\$22.38
49-9098	Helpers--Installation, Maintenance, and Repair Workers	183	189	6	3.3%	1	8	16	25	\$14.07
49-9099	Installation, Maintenance, and Repair Workers, All Other	282	288	6	2.1%	1	10	19	30	\$18.31
51-0000	Production Occupations	30,379	29,901	-478	-1.6%	-48	1,121	2,132	3,205	\$18.09

Dayton Metropolitan Statistical Area
Occupational* Employment Projections Report, 2020-2030

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51-1011	First-Line Supervisors of Production and Operating Workers	2,146	2,244	98	4.6%	10	66	148	224	\$29.34
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	1,144	1,259	115	10.1%	12	48	77	137	\$17.60
51-2031	Engine and Other Machine Assemblers	306	267	-39	-12.8%	-4	10	21	27	\$22.12
51-2090	Miscellaneous Assemblers and Fabricators	5,118	4,681	-437	-8.5%	-44	187	350	493	\$17.75
51-3011	Bakers	366	405	39	10.7%	4	22	29	55	\$13.99
51-3021	Butchers and Meat Cutters	327	324	-3	-0.9%	0	13	24	37	\$14.77
51-3092	Food Batchmakers	356	364	8	2.3%	1	17	27	45	\$17.48
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	273	245	-28	-10.3%	-3	9	16	22	\$17.92
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,019	978	-41	-4.0%	-4	32	69	97	\$18.04
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	652	661	9	1.4%	1	30	45	76	\$18.09
51-4041	Machinists	2,037	2,213	176	8.6%	18	71	144	233	\$22.72
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,052	952	-100	-9.5%	-10	33	68	91	\$14.81
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,221	1,300	79	6.5%	8	41	85	134	\$18.05
51-4111	Tool and Die Makers	285	277	-8	-2.8%	-1	10	18	27	\$24.19
51-4121	Welders, Cutters, Solderers, and Brazers	658	705	47	7.1%	5	18	54	77	\$22.57
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	152	147	-5	-3.3%	0	4	12	16	\$18.26
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	397	393	-4	-1.0%	0	13	27	40	\$17.85
51-5111	Prepress Technicians and Workers	124	121	-3	-2.4%	0	5	12	17	\$18.82
51-5112	Printing Press Operators	661	576	-85	-12.9%	-8	22	44	58	\$18.09
51-6011	Laundry and Dry-Cleaning Workers	526	568	42	8.0%	4	35	37	76	\$11.29
51-6031	Sewing Machine Operators	722	630	-92	-12.7%	-9	41	36	68	\$16.99
51-7011	Cabinetmakers and Bench Carpenters	316	342	26	8.2%	3	12	18	33	\$18.45
51-8031	Water and Wastewater Treatment Plant and System Operators	292	268	-24	-8.2%	-2	8	17	23	\$23.16
51-9011	Chemical Equipment Operators and Tenders	259	256	-3	-1.2%	0	6	20	26	\$22.65
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	114	116	2	1.8%	0	2	9	11	\$18.23
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	317	332	15	4.7%	2	11	24	37	\$18.02
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	193	198	5	2.6%	0	9	15	24	\$18.09
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	326	331	5	1.5%	0	9	24	33	\$17.77
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,964	1,674	-290	-14.8%	-29	70	144	185	\$18.09
51-9111	Packaging and Filling Machine Operators and Tenders	656	677	21	3.2%	2	28	44	74	\$17.86
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	462	478	16	3.5%	2	13	34	49	\$18.13
51-9161	Computer Numerically Controlled Tool Operators	1,075	1,052	-23	-2.1%	-2	36	79	113	\$22.44
51-9162	Computer Numerically Controlled Tool Programmers	125	152	27	21.6%	3	5	10	18	\$29.02
51-9196	Paper Goods Machine Setters, Operators, and Tenders	136	140	4	2.9%	0	6	9	15	\$22.81

Dayton Metropolitan Statistical Area

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	
51-9199	Production Workers, All Other	426	455	29	6.8%	3	15	32	50	\$17.48
53-0000	Transportation and Material Moving Occupations	31,147	33,929	2,782	8.9%	278	1,499	2,584	4,361	\$17.05
53-3031	Driver/Sales Workers	3,215	3,981	766	23.8%	77	147	244	468	\$10.67
53-3032	Heavy and Tractor-Trailer Truck Drivers	3,946	4,202	256	6.5%	26	167	276	469	\$23.34
53-3033	Light Truck or Delivery Services Drivers	2,961	3,290	329	11.1%	33	128	212	373	\$17.76
53-3052	Bus Drivers, Transit and Intercity	382	404	22	5.8%	2	26	20	48	\$18.93
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	682	883	201	29.5%	20	52	39	111	\$18.05 ^^^
53-6021	Parking Lot Attendants	271	298	27	10.0%	3	14	29	46	\$13.38
53-7021	Crane and Tower Operators	104	109	5	4.8%	0	3	8	11	\$23.74 †
53-7051	Industrial Truck and Tractor Operators	1,464	1,551	87	5.9%	9	45	116	170	\$18.68
53-7061	Cleaners of Vehicles and Equipment	674	713	39	5.8%	4	34	62	100	\$14.08
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,903	7,519	616	8.9%	62	316	627	1,005	\$14.61
53-7064	Packers and Packagers, Hand	1,428	1,380	-48	-3.4%	-5	80	114	189	\$14.06
53-7065	Stockers and Order Fillers	6,046	6,289	243	4.0%	24	351	602	977	\$14.08
53-7081	Refuse and Recyclable Material Collectors	358	383	25	7.0%	2	16	33	51	\$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.

Dayton Metropolitan Statistical Area
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				\$21.71
11-0000	Management Occupations				\$47.62
11-1011	Chief Executives	Bachelor's degree	5 years or more	None	\$91.54
11-1021	General and Operations Managers	Bachelor's degree	5 years or more	None	\$45.44
11-2022	Sales Managers	Bachelor's degree	Less than 5 years	None	\$59.76
11-2030	Public Relations and Fundraising Managers	Bachelor's degree	5 years or more	None	\$57.62 ^
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	\$59.73
11-3051	Industrial Production Managers	Bachelor's degree	5 years or more	None	\$48.21
11-3061	Purchasing Managers	Bachelor's degree	5 years or more	None	\$59.18
11-3071	Transportation, Storage, and Distribution Managers	High school diploma or equivalent	5 years or more	None	\$40.68
11-3121	Human Resources Managers	Bachelor's degree	5 years or more	None	\$51.51
11-9021	Construction Managers	Bachelor's degree	None	Moderate-term on-the-job training	\$47.40
11-9031	Education Administrators, Preschool and Childcare Center/Program	Bachelor's degree	Less than 5 years	None	\$22.52
11-9032	Education Administrators, Elementary and Secondary School	Master's degree	5 years or more	None	\$98,740 **
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	\$50.08
11-9041	Architectural and Engineering Managers	Bachelor's degree	5 years or more	None	\$61.58
11-9051	Food Service Managers	High school diploma or equivalent	Less than 5 years	None	\$23.96
11-9111	Medical and Health Services Managers	Bachelor's degree	Less than 5 years	None	\$48.12
11-9141	Property, Real Estate, and Community Association Managers	High school diploma or equivalent	Less than 5 years	None	\$23.14
11-9151	Social and Community Service Managers	Bachelor's degree	Less than 5 years	None	\$35.84
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				\$37.03
13-1020	Buyers and Purchasing Agents	Bachelor's degree	None	Moderate-term on-the-job training	\$38.71
13-1031	Claims Adjusters, Examiners, and Investigators	High school diploma or equivalent	None	Long-term on-the-job training	\$31.94
13-1041	Compliance Officers	Bachelor's degree	None	Moderate-term on-the-job training	\$30.37
13-1051	Cost Estimators	Bachelor's degree	None	Moderate-term on-the-job training	\$31.19
13-1071	Human Resources Specialists	Bachelor's degree	None	None	\$28.91
13-1075	Labor Relations Specialists	Bachelor's degree	Less than 5 years	None	\$36.57
13-1081	Logisticians	Bachelor's degree	None	None	\$43.39
13-1111	Management Analysts	Bachelor's degree	Less than 5 years	None	\$41.21
13-1131	Fundraisers	Bachelor's degree	None	None	\$28.91
13-1141	Compensation, Benefits, and Job Analysis Specialists	Bachelor's degree	Less than 5 years	None	\$29.32
13-1151	Training and Development Specialists	Bachelor's degree	Less than 5 years	None	\$23.43
13-1161	Market Research Analysts and Marketing Specialists	Bachelor's degree	None	None	\$28.91
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	\$31.94
13-2020	Property Appraisers and Assessors	Bachelor's degree	None	Long-term on-the-job training	\$30.42
13-2031	Budget Analysts	Bachelor's degree	None	None	\$38.92

Dayton Metropolitan Statistical Area

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
13-2052	Personal Financial Advisors	Bachelor's degree	None	Long-term on-the-job training	\$38.92
13-2072	Loan Officers	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	\$30.31
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				\$37.71
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	\$47.62
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	\$28.59
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	\$48.59
15-1244	Network and Computer Systems Administrators	Bachelor's degree	None	None	\$37.51
15-1245	Database Administrators and Architects	Bachelor's degree	None	None	\$47.44 ^^^
15-1251	Computer Programmers	Bachelor's degree	None	None	\$30.30
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	\$46.66
15-2098	Data Scientists and Mathematical Science Occupations, All Other	Bachelor's degree	None	None	\$30.03 ^^^
17-0000	Architecture and Engineering Occupations				\$43.59
17-1011	Architects, Except Landscape and Naval	Bachelor's degree	None	Internship/residency	\$38.26
17-1022	Surveyors	Bachelor's degree	None	Internship/residency	\$29.19
17-2011	Aerospace Engineers	Bachelor's degree	None	None	\$54.30
17-2051	Civil Engineers	Bachelor's degree	None	None	\$39.36
17-2061	Computer Hardware Engineers	Bachelor's degree	None	None	\$49.28
17-2071	Electrical Engineers	Bachelor's degree	None	None	\$46.68
17-2072	Electronics Engineers, Except Computer	Bachelor's degree	None	None	\$55.31
17-2081	Environmental Engineers	Bachelor's degree	None	None	\$47.49
17-2112	Industrial Engineers	Bachelor's degree	None	None	\$38.11
17-2131	Materials Engineers	Bachelor's degree	None	None	\$57.62
17-2141	Mechanical Engineers	Bachelor's degree	None	None	\$37.72
17-2199	Engineers, All Other	Bachelor's degree	None	None	\$57.01
17-3011	Architectural and Civil Drafters	Associate's degree	None	None	\$23.21
17-3021	Aerospace Engineering and Operations Technicians	Associate's degree	None	None	\$29.15
17-3023	Electrical and Electronics Engineering Technicians	Associate's degree	None	None	\$29.15
17-3026	Industrial Engineering Technicians	Associate's degree	None	None	\$28.42
17-3027	Mechanical Engineering Technicians	Associate's degree	None	None	\$28.90
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 ^^^
19-0000	Life, Physical, and Social Science Occupations				\$39.38
19-1042	Medical Scientists, Except Epidemiologists	Doctoral or professional degree	None	None	\$38.74

Dayton Metropolitan Statistical Area
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
19-2012	Physicists	Doctoral or professional degree	None	None	\$57.91
19-2031	Chemists	Bachelor's degree	None	None	\$37.22
19-2041	Environmental Scientists and Specialists, Including Health	Bachelor's degree	None	None	\$36.06
19-2099	Physical Scientists, All Other	Bachelor's degree	None	None	\$58.70
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	\$39.61
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	\$23.43
19-4061	Social Science Research Assistants	Bachelor's degree	None	None	\$22.96
19-5011	Occupational Health and Safety Specialists	Bachelor's degree	None	None	\$37.23
21-0000	Community and Social Service Occupations				\$23.16
21-1012	Educational, Guidance, School, and Vocational Counselors	Master's degree	None	None	\$29.39
21-1015	Rehabilitation Counselors	Master's degree	None	None	\$18.51
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	Bachelor's degree	None	None	\$23.41
21-1021	Child, Family, and School Social Workers	Bachelor's degree	None	None	\$23.19
21-1022	Healthcare Social Workers	Master's degree	None	Internship/residency	\$29.66
21-1023	Mental Health and Substance Abuse Social Workers	Master's degree	None	Internship/residency	\$18.68
21-1092	Probation Officers and Correctional Treatment Specialists	Bachelor's degree	None	Short-term on-the-job training	\$26.25
21-1093	Social and Human Service Assistants	High school diploma or equivalent	None	Short-term on-the-job training	\$17.59
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	\$23.73
23-0000	Legal Occupations				\$30.89
23-1011	Lawyers	Doctoral or professional degree	None	None	\$45.44
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	\$22.61
25-0000	Education, Training, and Library Occupations				\$29.21
25-1011	Business Teachers, Postsecondary	Doctoral or professional degree	None	None	\$76,310 **
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	\$78,570 **
25-1071	Health Specialties Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	\$97,380 **
25-1072	Nursing Instructors and Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	\$77,100 **
25-1081	Education Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	\$60,510 **
25-1121	Art, Drama, and Music Teachers, Postsecondary	Master's degree	None	None	\$62,060 **
25-1123	English Language and Literature Teachers, Postsecondary	Doctoral or professional degree	None	None	\$77,400 **
25-1126	Philosophy and Religion Teachers, Postsecondary	Doctoral or professional degree	None	None	\$79,410 **
25-1194	Vocational Education Teachers, Postsecondary	Bachelor's degree	Less than 5 years	None	\$24.46
25-1199	Postsecondary Teachers, All Other	Doctoral or professional degree	None	None	\$49,860 **
25-2011	Preschool Teachers, Except Special Education	Associate's degree	None	None	\$13.86

Dayton Metropolitan Statistical Area
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
25-2021	Elementary School Teachers, Except Special Education	Bachelor's degree	None	None	\$76,700 **
25-2022	Middle School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	None	\$61,000 **
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	None	\$76,880 **
25-2052	Special Education Teachers, Kindergarten and Elementary School	Bachelor's degree	None	None	\$75,610 **
25-2057	Special Education Teachers, Middle School	Bachelor's degree	None	None	\$60,670 **
25-2058	Special Education Teachers, Secondary School	Bachelor's degree	None	None	\$76,880 **
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	\$14.36
25-3031	Substitute Teachers, Short-Term	Bachelor's degree	None	None	\$14.39
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	\$23.06
25-4031	Library Technicians	Postsecondary non-degree award	None	None	\$17.75
25-9031	Instructional Coordinators	Master's degree	5 years or more	None	\$28.55
25-9045	Teaching Assistants, Except Postsecondary	Some college, no degree	None	None	\$28,660 **
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations				\$22.99
27-1023	Floral Designers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.38
27-1024	Graphic Designers	Bachelor's degree	None	None	\$23.53
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	\$37,700 **
27-2042	Musicians and Singers	No formal educational credential	None	Long-term on-the-job training	\$50.81
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	No formal educational credential	None	Short-term on-the-job training	\$17.59 ^
27-3031	Public Relations Specialists	Bachelor's degree	None	None	\$29.66
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	\$30.97
27-3043	Writers and Authors	Bachelor's degree	None	Long-term on-the-job training	\$29.34
27-4021	Photographers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.20
29-0000	Healthcare Practitioners and Technical Occupations				\$30.00
29-1011	Chiropractors	Doctoral or professional degree	None	None	\$29.12
29-1021	Dentists, General	Doctoral or professional degree	None	None	\$99.52
29-1031	Dietitians and Nutritionists	Bachelor's degree	None	Internship/residency	\$29.43
29-1051	Pharmacists	Doctoral or professional degree	None	None	\$61.63
29-1071	Physician Assistants	Master's degree	None	None	\$48.19
29-1122	Occupational Therapists	Master's degree	None	None	\$38.63
29-1123	Physical Therapists	Doctoral or professional degree	None	None	\$47.37
29-1126	Respiratory Therapists	Associate's degree	None	None	\$29.28
29-1127	Speech-Language Pathologists	Master's degree	None	Internship/residency	\$37.32
29-1129	Therapists, All Other	Bachelor's degree	None	None	\$36.16 †
29-1131	Veterinarians	Doctoral or professional degree	None	None	\$47.82
29-1141	Registered Nurses	Bachelor's degree	None	None	\$36.06
29-1171	Nurse Practitioners	Master's degree	None	None	\$48.84
29-1215	Family Medicine Physicians	Doctoral or professional degree	None	Internship/residency	\$83.13
29-1216	General Internal Medicine Physicians	Doctoral or professional degree	None	Internship/residency	# †

Dayton Metropolitan Statistical Area

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
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	\$37.14
29-2010	Clinical Laboratory Technologists and Technicians	Bachelor's degree	None	None	\$23.16
29-2031	Cardiovascular Technologists and Technicians	Associate's degree	None	None	\$29.14
29-2032	Diagnostic Medical Sonographers	Associate's degree	None	None	\$38.16
29-2034	Radiologic Technologists	Associate's degree	None	None	\$29.25
29-2035	Magnetic Resonance Imaging Technologists	Associate's degree	Less than 5 years	None	\$36.06
29-2040	Emergency Medical Technicians and Paramedics	Postsecondary non-degree award	None	None	\$17.76 ^
29-2051	Dietetic Technicians	Associate's degree	None	None	\$17.28
29-2052	Pharmacy Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.61
29-2053	Psychiatric Technicians	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training	\$17.48
29-2055	Surgical Technologists	Postsecondary non-degree award	None	None	\$23.11
29-2061	Licensed Practical and Licensed Vocational Nurses	Postsecondary non-degree award	None	None	\$22.87
29-2081	Opticians, Dispensing	High school diploma or equivalent	None	Long-term on-the-job training	\$22.20
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				\$14.20
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	\$14.32
31-1132	Orderlies	High school diploma or equivalent	None	Short-term on-the-job training	\$14.32
31-2011	Occupational Therapy Assistants	Associate's degree	None	None	\$29.94
31-2021	Physical Therapist Assistants	Associate's degree	None	None	\$29.94
31-9011	Massage Therapists	Postsecondary non-degree award	None	None	\$18.01
31-9091	Dental Assistants	Postsecondary non-degree award	None	None	\$22.58
31-9092	Medical Assistants	Postsecondary non-degree award	None	None	\$17.87
31-9093	Medical Equipment Preparers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.76
31-9097	Phlebotomists	Postsecondary non-degree award	None	None	\$17.50
31-9099	Healthcare Support Workers, All Other	High school diploma or equivalent	None	None	\$23.74
33-0000	Protective Service Occupations				\$23.08
33-1012	First-Line Supervisors of Police and Detectives	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$47.76
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	\$37.98
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	\$24.10
33-3012	Correctional Officers and Jailers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.08
33-3021	Detectives and Criminal Investigators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$37.76
33-3051	Police and Sheriff's Patrol Officers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$36.96
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				\$10.89

Dayton Metropolitan Statistical Area

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
35-1011	Chefs and Head Cooks	High school diploma or equivalent	5 years or more	None	\$23.28
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	High school diploma or equivalent	Less than 5 years	None	\$17.48
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	\$14.24
35-2014	Cooks, Restaurant	No formal educational credential	Less than 5 years	Moderate-term on-the-job training	\$14.07
35-2021	Food Preparation Workers	No formal educational credential	None	Short-term on-the-job training	\$12.07
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	\$10.70
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	\$13.91
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	No formal educational credential	None	Short-term on-the-job training	\$11.19
35-9021	Dishwashers	No formal educational credential	None	Short-term on-the-job training	\$10.95
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	No formal educational credential	None	Short-term on-the-job training	\$10.35
37-0000	Building and Grounds Cleaning and Maintenance Occupations				\$14.34
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	High school diploma or equivalent	Less than 5 years	None	\$22.05
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	High school diploma or equivalent	Less than 5 years	None	\$23.21
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	\$11.65
37-3011	Landscaping and Groundskeeping Workers	No formal educational credential	None	Short-term on-the-job training	\$16.93
39-0000	Personal Care and Service Occupations				\$13.46
39-3091	Amusement and Recreation Attendants	No formal educational credential	None	Short-term on-the-job training	\$10.47
39-5012	Hairdressers, Hairstylists, and Cosmetologists	Postsecondary non-degree award	None	None	\$14.02
39-9011	Childcare Workers	High school diploma or equivalent	None	Short-term on-the-job training	\$11.19
39-9031	Fitness Trainers and Aerobics Instructors	High school diploma or equivalent	None	Short-term on-the-job training	\$14.37
39-9032	Recreation Workers	High school diploma or equivalent	None	Short-term on-the-job training	\$13.95
41-0000	Sales and Related Occupations				\$14.12
41-1011	First-Line Supervisors of Retail Sales Workers	High school diploma or equivalent	Less than 5 years	None	\$18.36
41-1012	First-Line Supervisors of Non-Retail Sales Workers	High school diploma or equivalent	Less than 5 years	None	\$37.93
41-2011	Cashiers	No formal educational credential	None	Short-term on-the-job training	\$10.92
41-2021	Counter and Rental Clerks	No formal educational credential	None	Short-term on-the-job training	\$14.11
41-2031	Retail Salespersons	No formal educational credential	None	Short-term on-the-job training	\$13.38
41-3011	Advertising Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.30
41-3021	Insurance Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	\$28.81
41-3031	Securities, Commodities, and Financial Services Sales Agents	Bachelor's degree	None	Moderate-term on-the-job training	\$23.25
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	\$28.68
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	Bachelor's degree	None	Moderate-term on-the-job training	\$39.25
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	High school diploma or equivalent	None	Moderate-term on-the-job training	\$29.72
41-9022	Real Estate Sales Agents	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.40
41-9031	Sales Engineers	Bachelor's degree	None	Moderate-term on-the-job training	\$47.68

Dayton Metropolitan Statistical Area
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
41-9099	Sales and Related Workers, All Other	High school diploma or equivalent	None	None	\$13.77
43-0000	Office and Administrative Support Occupations				\$18.03
43-1011	First-Line Supervisors of Office and Administrative Support Workers	High school diploma or equivalent	Less than 5 years	None	\$28.90
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	\$18.13
43-3031	Bookkeeping, Accounting, and Auditing Clerks	Some college, no degree	None	Moderate-term on-the-job training	\$19.14
43-3051	Payroll and Timekeeping Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.79
43-3061	Procurement Clerks	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.45
43-3071	Tellers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.52
43-4031	Court, Municipal, and License Clerks	High school diploma or equivalent	None	Long-term on-the-job training	\$17.88
43-4051	Customer Service Representatives	High school diploma or equivalent	None	Short-term on-the-job training	\$17.77
43-4061	Eligibility Interviewers, Government Programs	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.92
43-4071	File Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$17.88
43-4081	Hotel, Motel, and Resort Desk Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$11.32
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	\$20.62
43-4151	Order Clerks	Some college, no degree	None	Short-term on-the-job training	\$18.60
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	Associate's degree	None	None	\$22.13
43-4171	Receptionists and Information Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$13.85
43-4199	Information and Record Clerks, All Other	High school diploma or equivalent	None	Short-term on-the-job training	\$22.65
43-5021	Couriers and Messengers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.35
43-5031	Police, Fire, and Ambulance Dispatchers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$28.59
43-5032	Dispatchers, Except Police, Fire, and Ambulance	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.29
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	\$22.72
43-5071	Shipping, Receiving, and Traffic Clerks	High school diploma or equivalent	None	Short-term on-the-job training	\$17.56
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	High school diploma or equivalent	None	Short-term on-the-job training	\$18.01
43-6011	Executive Secretaries and Executive Administrative Assistants	High school diploma or equivalent	Less than 5 years	None	\$28.96
43-6012	Legal Secretaries	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.90
43-6013	Medical Secretaries	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.74
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	High school diploma or equivalent	None	Short-term on-the-job training	\$17.99
43-9021	Data Entry Keyers	High school diploma or equivalent	None	Short-term on-the-job training	\$17.74
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	\$17.88
43-9199	Office and Administrative Support Workers, All Other	High school diploma or equivalent	None	Short-term on-the-job training	\$17.83
45-0000	Farming, Fishing, and Forestry Occupations				\$14.39
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	No formal educational credential	None	Short-term on-the-job training	\$14.33
47-0000	Construction and Extraction Occupations				\$23.42

Dayton Metropolitan Statistical Area
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
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	High school diploma or equivalent	5 years or more	None	\$31.27
47-2021	Brickmasons and Blockmasons	High school diploma or equivalent	None	Apprenticeship	\$28.90
47-2031	Carpenters	High school diploma or equivalent	None	Apprenticeship	\$23.38
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	\$21.92
47-2073	Operating Engineers and Other Construction Equipment Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$28.55
47-2111	Electricians	High school diploma or equivalent	None	Apprenticeship	\$23.55
47-2121	Glaziers	High school diploma or equivalent	None	Apprenticeship	\$22.75
47-2141	Painters, Construction and Maintenance	No formal educational credential	None	Moderate-term on-the-job training	\$22.47
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	\$22.76
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	\$14.48
47-4011	Construction and Building Inspectors	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	\$30.09
47-4051	Highway Maintenance Workers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.09
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	High school diploma or equivalent	None	Moderate-term on-the-job training	\$28.18
49-0000	Installation, Maintenance, and Repair Occupations				\$22.88
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	High school diploma or equivalent	Less than 5 years	None	\$31.35
49-2011	Computer, Automated Teller, and Office Machine Repairers	Some college, no degree	None	Short-term on-the-job training	\$18.14
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	Postsecondary non-degree award	None	Moderate-term on-the-job training	\$28.99
49-2098	Security and Fire Alarm Systems Installers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.69
49-3011	Aircraft Mechanics and Service Technicians	Postsecondary non-degree award	None	None	\$29.24
49-3021	Automotive Body and Related Repairers	High school diploma or equivalent	None	Long-term on-the-job training	\$23.03
49-3023	Automotive Service Technicians and Mechanics	Postsecondary non-degree award	None	Short-term on-the-job training	\$18.67
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	High school diploma or equivalent	None	Long-term on-the-job training	\$23.04
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	High school diploma or equivalent	None	Long-term on-the-job training	\$23.40
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Postsecondary non-degree award	None	Long-term on-the-job training	\$23.52
49-9041	Industrial Machinery Mechanics	High school diploma or equivalent	None	Long-term on-the-job training	\$28.44
49-9043	Maintenance Workers, Machinery	High school diploma or equivalent	None	Long-term on-the-job training	\$30.29
49-9051	Electrical Power-Line Installers and Repairers	High school diploma or equivalent	None	Long-term on-the-job training	\$36.47
49-9071	Maintenance and Repair Workers, General	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.38
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	\$18.31
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	\$29.34
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	\$17.60
51-2031	Engine and Other Machine Assemblers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.12
51-2090	Miscellaneous Assemblers and Fabricators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.75
51-3011	Bakers	No formal educational credential	None	Long-term on-the-job training	\$13.99
51-3021	Butchers and Meat Cutters	No formal educational credential	None	Long-term on-the-job training	\$14.77
51-3092	Food Batchmakers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.48

Dayton Metropolitan Statistical Area

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

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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	\$18.04
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
51-4041	Machinists	High school diploma or equivalent	None	Long-term on-the-job training	\$22.72
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	\$14.81
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	\$24.19
51-4121	Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.57
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.26
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	\$17.85
51-5111	Prepress Technicians and Workers	Postsecondary non-degree award	None	None	\$18.82
51-5112	Printing Press Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
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	\$16.99
51-7011	Cabinetmakers and Bench Carpenters	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.45
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	\$22.65
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
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.02
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	\$17.77
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.09
51-9111	Packaging and Filling Machine Operators and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.86
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.13
51-9161	Computer Numerically Controlled Tool Operators	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.44
51-9162	Computer Numerically Controlled Tool Programmers	Postsecondary non-degree award	None	Moderate-term on-the-job training	\$29.02
51-9196	Paper Goods Machine Setters, Operators, and Tenders	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.81
51-9199	Production Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training	\$17.48
53-0000	Transportation and Material Moving Occupations				\$17.05
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	\$23.34
53-3033	Light Truck or Delivery Services Drivers	High school diploma or equivalent	None	Short-term on-the-job training	\$17.76
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	\$13.38
53-7021	Crane and Tower Operators	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$23.74 †

Dayton Metropolitan Statistical Area

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53-7051	Industrial Truck and Tractor Operators	No formal educational credential	None	Short-term on-the-job training	\$18.68
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	\$14.61
53-7064	Packers and Packagers, Hand	No formal educational credential	None	Short-term on-the-job training	\$14.06
53-7065	Stockers and Order Fillers	High school diploma or equivalent	None	Short-term on-the-job training	\$14.08
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.

Bureau of Labor Market Information Business Principles for Workforce Development

- Partner with the workforce and economic development community.
- Develop and deploy new information solution tools and systems for the workforce and economic development community.
- Provide products and services that are customer- and demand-driven.
- Be known as an important and reliable source for information solutions that support workforce development goals and outcomes.

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