

**NEVADA HIGH-  
DEMAND STEM  
OCCUPATION  
ANALYSIS**



Nevada Governor's  
Office of Science,  
Innovation and  
Technology

The following pages contain a list of high-demand STEM occupations in Nevada and corresponding wage and education data. The list is sorted with the occupations furthest below the national average on the top.

#### Legend

- SOC- The Bureau of Labor Statistics' Standard Occupational Classification system. Definitions here: [https://www.bls.gov/soc/2018/soc\\_2018\\_definitions.pdf](https://www.bls.gov/soc/2018/soc_2018_definitions.pdf)
- Occupation- a given occupation group at the four-digit SOC level.
- 2017 Jobs- the number of Nevadans employed in the given occupation.
- Jobs Above or Below National Average- Location quotient; i.e. for below, the number of jobs Nevada would have to fill today to reach the national average of persons employed in the given occupation.

#### Source

**Occupation Data:** Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics and the American Community Survey. Occupational wage estimates also affected by county-level Emsi earnings by industry.

**State Data Sources:** This report uses state data from the following agencies: Nevada Department of Employment, Training and Rehabilitation, Research and Analysis Bureau

OSIT would like to thank the Governor's Office of Economic Development (GOED) for its assistance in compiling this report.

Careers requiring skills in science, technology, engineering and math (STEM) offer meaningful and exciting opportunities to make an impact on one's community and the world. STEM careers challenge workers to think critically and creatively on a daily basis to solve important problems. And, on average, STEM jobs pay more than non-STEM jobs requiring the same educational attainment.

Nevada faces a serious workforce shortage in industries that demand skills in STEM. Fortunately, there are many pathways right here in Nevada to get the education and training needed for one of many in-demand STEM careers. Find your pathway to a STEM career on the Nevada STEMHub: [www.stemhub.nv.gov](http://www.stemhub.nv.gov)



**Nevada High Demand STEM Occupation Analysis- 2019**

**Based on EMSI 2018 Q3 QCEW and Self-Employed Occupation Statistics<sup>1</sup>**

SOC	Occupation	2017 Jobs	Jobs Above or Below National Average	Avg. Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training Required
29-1141	Registered Nurses	21,255	(5,221)	\$40.18	Bachelor's degree	None	None
15-1132	Software Developers, Applications	2,825	(4,697)	\$48.38	Bachelor's degree	None	None
25-1099	Postsecondary Teachers	8,818	(4,605)	\$28.32	Doctoral or professional degree	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	2,812	(3,779)	\$25.51	Postsecondary nondegree award	None	None
15-1121	Computer Systems Analysts	2,148	(3,255)	\$38.23	Bachelor's degree	None	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	6,077	(2,991)	\$26.79	Bachelor's degree	None	Internship/residency
11-9013	Farmers, Ranchers, and Other Agricultural Managers	1,434	(2,754)	\$18.01	High school diploma or equivalent	5 years or more	None
51-4041	Machinists	837	(2,718)	\$19.72	High school diploma or equivalent	None	Long-term on-the-job training
15-1133	Software Developers, Systems Software	1,130	(2,708)	\$43.00	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	6,635	(2,364)	\$34.14	Bachelor's degree	None	None
15-1151	Computer User Support Specialists	3,943	(2,265)	\$24.42	Some college, no degree	None	None
25-2021	Elementary School Teachers, Except Special Education	10,402	(2,219)	\$26.32	Bachelor's degree	None	Internship/residency
11-1021	General and Operations Managers	18,165	(2,102)	\$53.27	Bachelor's degree	5 years or more	None
15-1142	Network and Computer Systems Administrators	1,604	(1,892)	\$38.07	Bachelor's degree	None	None
17-2141	Mechanical Engineers	791	(1,808)	\$43.72	Bachelor's degree	None	None
17-2112	Industrial Engineers	582	(1,729)	\$39.35	Bachelor's degree	None	None
11-3021	Computer and Information Systems Managers	1,625	(1,711)	\$57.50	Bachelor's degree	5 years or more	None
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,404	(1,688)	\$39.18	Bachelor's degree	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,980	(1,655)	\$22.67	High school diploma or equivalent	None	Moderate-term on-the-job training

49-9041	Industrial Machinery Mechanics	1,608	(1,530)	\$28.28	High school diploma or equivalent	None	Long-term on-the-job training
29-1069	Physicians and Surgeons, All Other	1,944	(1,411)	\$103.02	Doctoral or professional degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special and Career/Technical Education	4,419	(1,231)	\$27.05	Bachelor's degree	None	Internship/residency
33-2011	Firefighters	1,739	(1,122)	\$29.91	Postsecondary nondegree award	None	Long-term on-the-job training
25-9031	Instructional Coordinators	388	(991)	\$29.30	Master's degree	5 years or more	None
17-2071	Electrical Engineers	784	(891)	\$44.74	Bachelor's degree	None	None
15-1143	Computer Network Architects	622	(836)	\$44.63	Bachelor's degree	5 years or more	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	840	(826)	\$24.76	Bachelor's degree	None	Internship/residency
13-1081	Logisticians	570	(811)	\$32.54	Bachelor's degree	None	None
15-1152	Computer Network Support Specialists	1,098	(797)	\$31.13	Associate's degree	None	None
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	3,453	(744)	\$33.14	High school diploma or equivalent	Less than 5 years	None
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	2,077	(718)	\$27.28	Bachelor's degree	None	Long-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,396	(701)	\$24.72	Postsecondary nondegree award	None	Long-term on-the-job training
11-3051	Industrial Production Managers	869	(689)	\$47.33	Bachelor's degree	5 years or more	None
19-1042	Medical Scientists, Except Epidemiologists	314	(682)	\$62.24	Doctoral or professional degree	None	None
29-1171	Nurse Practitioners	740	(681)	\$49.49	Master's degree	None	None
17-2051	Civil Engineers	2,087	(652)	\$41.17	Bachelor's degree	None	None
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	542	(644)	\$16.07	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2011	Medical and Clinical Laboratory Technologists	880	(642)	\$34.70	Bachelor's degree	None	None
15-2031	Operations Research Analysts	441	(604)	\$38.78	Bachelor's degree	None	None
25-2054	Special Education Teachers, Secondary School	569	(595)	\$27.87	Bachelor's degree	None	Internship/residency
11-9041	Architectural and Engineering Managers	1,033	(595)	\$64.96	Bachelor's degree	5 years or more	None



29-2012	Medical and Clinical Laboratory Technicians	880	(586)	\$22.29	Associate's degree	None	None
47-4051	Highway Maintenance Workers	729	(582)	\$20.60	High school diploma or equivalent	None	Moderate-term on-the-job training
17-1011	Architects, Except Landscape and Naval	550	(571)	\$37.29	Bachelor's degree	None	Internship/residency
29-2041	Emergency Medical Technicians and Paramedics	1,657	(558)	\$17.98	Postsecondary nondegree award	None	None
51-9011	Chemical Equipment Operators and Tenders	114	(550)	\$23.57	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,900	(546)	\$25.88	High school diploma or equivalent	None	Long-term on-the-job training
15-1131	Computer Programmers	2,072	(529)	\$37.73	Bachelor's degree	None	None
51-4111	Tool and Die Makers	122	(526)	\$25.00	High school diploma or equivalent	None	Long-term on-the-job training
17-2199	Engineers, All Other	755	(517)	\$47.82	Bachelor's degree	None	None
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	814	(506)	\$18.52	High school diploma or equivalent	None	Moderate-term on-the-job training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	5,351	(494)	\$30.62	High school diploma or equivalent	5 years or more	None
19-2031	Chemists	302	(482)	\$37.47	Bachelor's degree	None	None
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,647	(481)	\$27.08	Postsecondary nondegree award	None	Moderate-term on-the-job training
11-9032	Education Administrators, Elementary and Secondary School	1,760	(478)	\$43.79	Master's degree	5 years or more	None
17-2061	Computer Hardware Engineers	208	(456)	\$43.35	Bachelor's degree	None	None
25-2032	Career/Technical Education Teachers, Secondary School	245	(437)	\$28.46	Bachelor's degree	Less than 5 years	Internship/residency
37-3013	Tree Trimmers and Pruners	132	(437)	\$15.80	High school diploma or equivalent	None	Short-term on-the-job training
15-1122	Information Security Analysts	468	(430)	\$39.85	Bachelor's degree	Less than 5 years	None
13-1041	Compliance Officers	2,145	(428)	\$31.30	Bachelor's degree	None	Moderate-term on-the-job training
25-2053	Special Education Teachers, Middle School	361	(425)	\$25.15	Bachelor's degree	None	Internship/residency
17-3026	Industrial Engineering Technicians	157	(420)	\$24.78	Associate's degree	None	None

51-8031	Water and Wastewater Treatment Plant and System Operators	629	(414)	\$30.69	High school diploma or equivalent	None	Long-term on-the-job training
33-3021	Detectives and Criminal Investigators	580	(405)	\$39.93	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
29-1051	Pharmacists	2,383	(398)	\$59.31	Doctoral or professional degree	None	None
15-1134	Web Developers	1,150	(397)	\$26.88	Associate's degree	None	None
47-5071	Roustabouts, Oil and Gas	72	(393)	\$14.54	No formal educational credential	None	Moderate-term on-the-job training
29-1071	Physician Assistants	584	(385)	\$61.71	Master's degree	None	None
29-1122	Occupational Therapists	752	(384)	\$48.28	Master's degree	None	None
29-2034	Radiologic Technologists	1,467	(378)	\$33.05	Associate's degree	None	None
29-1123	Physical Therapists	1,716	(376)	\$57.22	Doctoral or professional degree	None	None
49-9043	Maintenance Workers, Machinery	479	(367)	\$23.43	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	730	(362)	\$33.90	High school diploma or equivalent	None	Long-term on-the-job training
19-4021	Biological Technicians	332	(347)	\$20.68	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	874	(345)	\$44.80	Bachelor's degree	None	None
41-9031	Sales Engineers	379	(321)	\$49.71	Bachelor's degree	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	6,627	(314)	\$18.83	Postsecondary nondegree award	None	Short-term on-the-job training
17-3013	Mechanical Drafters	282	(305)	\$24.07	Associate's degree	None	None
11-9121	Natural Sciences Managers	207	(294)	\$54.07	Bachelor's degree	5 years or more	None
51-2023	Electromechanical Equipment Assemblers	129	(290)	\$13.69	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	80	(286)	\$30.06	High school diploma or equivalent	None	Long-term on-the-job training
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,034	(280)	\$22.70	High school diploma or equivalent	Less than 5 years	None
29-2056	Veterinary Technologists and Technicians	669	(275)	\$17.26	Associate's degree	None	None
15-1141	Database Administrators	795	(273)	\$38.19	Bachelor's degree	Less than 5 years	None

17-3029	Engineering Technicians, Except Drafters, All Other	420	(270)	\$29.87	Associate's degree	None	None
29-1062	Family and General Practitioners	947	(268)	\$84.87	Doctoral or professional degree	None	Internship/residency
51-8091	Chemical Plant and System Operators	32	(264)	\$39.51	High school diploma or equivalent	None	Long-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	100	(258)	\$33.51	Postsecondary nondegree award	Less than 5 years	None
17-2171	Petroleum Engineers	32	(257)	\$25.66	Bachelor's degree	None	None
49-3041	Farm Equipment Mechanics and Service Technicians	94	(243)	\$19.02	High school diploma or equivalent	None	Long-term on-the-job training
31-2021	Physical Therapist Assistants	552	(240)	\$27.98	Associate's degree	None	None
47-2221	Structural Iron and Steel Workers	428	(233)	\$25.70	High school diploma or equivalent	None	Apprenticeship
29-1063	Internists, General	218	(228)	\$102.91	Doctoral or professional degree	None	Internship/residency
29-2081	Opticians, Dispensing	474	(226)	\$19.67	High school diploma or equivalent	None	Long-term on-the-job training
29-1031	Dietitians and Nutritionists	397	(225)	\$31.99	Bachelor's degree	None	Internship/residency
17-2011	Aerospace Engineers	407	(222)	\$42.38	Bachelor's degree	None	None
17-3027	Mechanical Engineering Technicians	195	(222)	\$28.88	Associate's degree	None	None
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	95	(218)	\$16.60	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	289	(212)	\$21.24	High school diploma or equivalent	None	Moderate-term on-the-job training
17-2041	Chemical Engineers	82	(209)	\$46.81	Bachelor's degree	None	None
17-3031	Surveying and Mapping Technicians	309	(205)	\$25.96	High school diploma or equivalent	None	Moderate-term on-the-job training
15-1111	Computer and Information Research Scientists	54	(199)	\$71.39	Doctoral or professional degree	None	None
19-3099	Social Scientists and Related Workers, All Other	159	(198)	\$34.29	Bachelor's degree	None	None
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	429	(194)	\$29.36	Postsecondary nondegree award	None	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	123	(194)	\$29.94	High school diploma or equivalent	None	Long-term on-the-job training
15-2041	Statisticians	136	(193)	\$41.27	Master's degree	None	None

27-3042	Technical Writers	303	(190)	\$30.28	Bachelor's degree	Less than 5 years	Short-term on-the-job training
19-1021	Biochemists and Biophysicists	81	(188)	\$58.99	Doctoral or professional degree	None	None
27-1021	Commercial and Industrial Designers	228	(183)	\$32.29	Bachelor's degree	None	None
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	234	(179)	\$25.37	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	129	(173)	\$15.55	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	147	(171)	\$18.81	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	127	(171)	\$18.19	High school diploma or equivalent	None	Moderate-term on-the-job training
25-2059	Special Education Teachers, All Other	210	(167)	\$24.81	Bachelor's degree	None	Internship/residency
29-1126	Respiratory Therapists	998	(164)	\$34.92	Associate's degree	None	None
45-3011	Fishers and Related Fishing Workers	67	(156)	\$13.64	No formal educational credential	None	Moderate-term on-the-job training
17-1012	Landscape Architects	68	(153)	\$35.71	Bachelor's degree	None	Internship/residency
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	80	(152)	\$26.05	High school diploma or equivalent	None	Long-term on-the-job training
29-1021	Dentists, General	1,080	(150)	\$101.02	Doctoral or professional degree	None	None
29-1151	Nurse Anesthetists	224	(149)	\$91.92	Master's degree	None	None
29-1066	Psychiatrists	103	(146)	\$79.72	Doctoral or professional degree	None	Internship/residency
17-2031	Biomedical Engineers	50	(146)	\$59.77	Bachelor's degree	None	None
29-9091	Athletic Trainers	89	(146)	\$27.93	Bachelor's degree	None	None
47-2061	Construction Laborers	11,904	(145)	\$17.66	No formal educational credential	None	Short-term on-the-job training
17-2081	Environmental Engineers	337	(143)	\$41.07	Bachelor's degree	None	None
19-4011	Agricultural and Food Science Technicians	72	(142)	\$11.31	Associate's degree	None	Moderate-term on-the-job training
29-1199	Health Diagnosing and Treating Practitioners, All Other	336	(142)	\$30.12	Master's degree	None	None
17-2161	Nuclear Engineers	39	(139)	\$35.02	Bachelor's degree	None	None



11-3061	Purchasing Managers	539	(137)	\$45.50	Bachelor's degree	5 years or more	None
29-1129	Therapists, All Other	148	(130)	\$37.06	Bachelor's degree	None	None
47-4011	Construction and Building Inspectors	818	(129)	\$35.18	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
27-4012	Broadcast Technicians	156	(126)	\$20.47	Associate's degree	None	Short-term on-the-job training
29-1011	Chiropractors	333	(125)	\$46.22	Doctoral or professional degree	None	None
17-3011	Architectural and Civil Drafters	815	(125)	\$24.45	Associate's degree	None	None
17-2131	Materials Engineers	123	(123)	\$45.14	Bachelor's degree	None	None
19-1022	Microbiologists	83	(117)	\$37.90	Bachelor's degree	None	None
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	62	(113)	\$14.90	High school diploma or equivalent	None	Moderate-term on-the-job training
19-2012	Physicists	43	(113)	\$80.04	Doctoral or professional degree	None	None
49-3051	Motorboat Mechanics and Service Technicians	113	(112)	\$17.69	High school diploma or equivalent	None	Long-term on-the-job training
15-2011	Actuaries	92	(111)	\$42.66	Bachelor's degree	None	Long-term on-the-job training
29-2057	Ophthalmic Medical Technicians	301	(110)	\$17.22	Postsecondary nondegree award	None	None
39-4031	Morticians, Undertakers, and Funeral Directors	141	(106)	\$18.39	Associate's degree	None	Long-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	257	(103)	\$17.41	High school diploma or equivalent	None	Long-term on-the-job training
19-1029	Biological Scientists, All Other	235	(99)	\$33.30	Bachelor's degree	None	None
47-5012	Rotary Drill Operators, Oil and Gas	53	(98)	\$23.07	No formal educational credential	None	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	78	(98)	\$21.79	High school diploma or equivalent	None	Moderate-term on-the-job training
19-3051	Urban and Regional Planners	221	(94)	\$39.87	Master's degree	None	None
19-1013	Soil and Plant Scientists	58	(94)	\$44.00	Bachelor's degree	None	None
45-4011	Forest and Conservation Workers	17	(91)	\$27.53	High school diploma or equivalent	None	Moderate-term on-the-job training
19-3039	Psychologists, All Other	90	(90)	\$36.21	Master's degree	None	Internship/residency

51-9081	Dental Laboratory Technicians	269	(89)	\$18.02	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	119	(87)	\$33.97	Postsecondary nondegree award	None	Long-term on-the-job training
47-2011	Boilermakers	69	(83)	\$28.32	High school diploma or equivalent	None	Apprenticeship
49-9044	Millwrights	290	(82)	\$26.38	High school diploma or equivalent	None	Apprenticeship
17-3021	Aerospace Engineering and Operations Technicians	26	(82)	\$24.26	Associate's degree	None	None
29-1065	Pediatricians, General	185	(81)	\$94.79	Doctoral or professional degree	None	Internship/residency
53-7073	Wellhead Pumpers	20	(81)	\$17.54	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
29-9011	Occupational Health and Safety Specialists	647	(80)	\$34.57	Bachelor's degree	None	None
47-4021	Elevator Installers and Repairers	130	(80)	\$57.94	High school diploma or equivalent	None	Apprenticeship
49-9031	Home Appliance Repairers	299	(80)	\$17.60	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8092	Gas Plant Operators	70	(77)	\$47.45	High school diploma or equivalent	None	Long-term on-the-job training
45-2011	Agricultural Inspectors	78	(75)	\$19.46	Bachelor's degree	None	Moderate-term on-the-job training
29-1124	Radiation Therapists	86	(72)	\$37.47	Associate's degree	None	None
19-1012	Food Scientists and Technologists	76	(68)	\$46.32	Bachelor's degree	None	None
29-1081	Podiatrists	39	(67)	\$61.89	Doctoral or professional degree	None	Internship/residency
19-3011	Economists	124	(67)	\$39.72	Master's degree	None	None
51-8012	Power Distributors and Dispatchers	35	(67)	\$44.99	High school diploma or equivalent	None	Long-term on-the-job training
17-2121	Marine Engineers and Naval Architects	12	(67)	\$58.06	Bachelor's degree	None	None
53-5031	Ship Engineers	31	(61)	\$22.56	Postsecondary nondegree award	Less than 5 years	None
25-9011	Audio-Visual and Multimedia Collections Specialists	32	(60)	\$12.15	Bachelor's degree	Less than 5 years	None
51-9193	Cooling and Freezing Equipment Operators and Tenders	20	(57)	\$14.86	High school diploma or equivalent	None	Moderate-term on-the-job training

25-2023	Career/Technical Education Teachers, Middle School	57	(57)	\$24.53	Bachelor's degree	Less than 5 years	Internship/residency
47-2211	Sheet Metal Workers	1,262	(56)	\$22.11	High school diploma or equivalent	None	Apprenticeship
29-2055	Surgical Technologists	928	(53)	\$29.24	Postsecondary nondegree award	None	None
49-9069	Precision Instrument and Equipment Repairers, All Other	62	(52)	\$28.40	High school diploma or equivalent	None	Long-term on-the-job training
29-1041	Optometrists	347	(52)	\$60.96	Doctoral or professional degree	None	None
19-4051	Nuclear Technicians	12	(50)	\$43.11	Associate's degree	None	Moderate-term on-the-job training
27-1025	Interior Designers	823	(49)	\$22.70	Bachelor's degree	None	None
19-1032	Foresters	35	(48)	\$38.90	Bachelor's degree	None	None
47-5011	Derrick Operators, Oil and Gas	53	(47)	\$22.93	No formal educational credential	None	Short-term on-the-job training
53-6051	Transportation Inspectors	227	(46)	\$28.98	High school diploma or equivalent	None	Moderate-term on-the-job training
25-9021	Farm and Home Management Advisors	49	(45)	\$35.37	Master's degree	None	None
51-9082	Medical Appliance Technicians	96	(43)	\$25.52	High school diploma or equivalent	None	Long-term on-the-job training
49-9097	Signal and Track Switch Repairers	40	(43)	\$34.21	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	15	(43)	\$13.46	High school diploma or equivalent	None	Moderate-term on-the-job training
29-1128	Exercise Physiologists	68	(42)	\$26.38	Bachelor's degree	None	None
11-9061	Funeral Service Managers	43	(40)	\$12.85	Associate's degree	Less than 5 years	None
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	770	(39)	\$12.18	High school diploma or equivalent	None	Short-term on-the-job training
11-9161	Emergency Management Directors	50	(39)	\$41.32	Bachelor's degree	5 years or more	None
29-2031	Cardiovascular Technologists and Technicians	461	(39)	\$33.40	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	140	(39)	\$39.61	Associate's degree	None	None
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	598	(38)	\$16.25	High school diploma or equivalent	None	Moderate-term on-the-job training

37-2021	Pest Control Workers	699	(38)	\$19.90	High school diploma or equivalent	None	Moderate-term on-the-job training
17-3012	Electrical and Electronics Drafters	222	(38)	\$27.90	Associate's degree	None	None
53-7072	Pump Operators, Except Wellhead Pumpers	84	(35)	\$26.65	High school diploma or equivalent	None	Moderate-term on-the-job training
45-3021	Hunters and Trappers	19	(35)	\$17.96	No formal educational credential	None	Short-term on-the-job training
49-9081	Wind Turbine Service Technicians	39	(33)	\$25.33	Some college, no degree	None	Long-term on-the-job training
47-2231	Solar Photovoltaic Installers	69	(33)	\$22.61	High school diploma or equivalent	None	Moderate-term on-the-job training
19-1041	Epidemiologists	26	(28)	\$51.10	Master's degree	None	None
13-1021	Buyers and Purchasing Agents, Farm Products	81	(26)	\$30.14	Bachelor's degree	None	Long-term on-the-job training
17-3025	Environmental Engineering Technicians	126	(26)	\$30.07	Associate's degree	None	None
33-9011	Animal Control Workers	92	(25)	\$23.46	High school diploma or equivalent	None	Moderate-term on-the-job training
19-1099	Life Scientists, All Other	51	(23)	\$28.73	Bachelor's degree	None	None
53-5022	Motorboat Operators	15	(21)	\$19.61	Postsecondary nondegree award	Less than 5 years	None
17-3024	Electro-Mechanical Technicians	107	(19)	\$23.68	Associate's degree	None	None
33-3031	Fish and Game Wardens	46	(18)	\$29.71	Bachelor's degree	None	Moderate-term on-the-job training
47-2072	Pile-Driver Operators	17	(17)	\$32.09	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	85	(15)	\$15.12	Postsecondary nondegree award	None	Short-term on-the-job training
45-2021	Animal Breeders	14	(15)	\$24.18	High school diploma or equivalent	None	Short-term on-the-job training
51-8099	Plant and System Operators, All Other	99	(14)	\$25.84	High school diploma or equivalent	None	Long-term on-the-job training
19-1011	Animal Scientists	13	(14)	\$46.37	Bachelor's degree	None	None
53-6041	Traffic Technicians	48	(12)	\$29.05	High school diploma or equivalent	None	Moderate-term on-the-job training
29-1029	Dentists, All Other Specialists	47	(10)	\$87.59	Doctoral or professional degree	None	Internship/residency
49-9062	Medical Equipment Repairers	389	(9)	\$26.98	Associate's degree	None	Moderate-term on-the-job training

19-3093	Historians	22	(9)	\$29.89	Master's degree	None	None
53-2022	Airfield Operations Specialists	76	(9)	\$33.47	High school diploma or equivalent	None	Long-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	132	(9)	\$25.48	Associate's degree	None	Moderate-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	27	(8)	\$21.14	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	128	(7)	\$33.90	Postsecondary nondegree award	None	Long-term on-the-job training
47-2142	Paperhangers	38	(6)	\$11.75	No formal educational credential	None	Long-term on-the-job training
29-1022	Oral and Maxillofacial Surgeons	55	(5)	\$134.97	Doctoral or professional degree	None	Internship/residency
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	218	(3)	\$13.83	No formal educational credential	None	Short-term on-the-job training
29-9092	Genetic Counselors	25	(2)	\$42.67	Master's degree	None	None
33-2022	Forest Fire Inspectors and Prevention Specialists	16	(2)	\$12.08	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	108	(1)	\$19.48	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	120	1	\$15.80	High school diploma or equivalent	None	Apprenticeship
29-2091	Orthotists and Prosthetists	75	3	\$32.54	Master's degree	None	Internship/residency
19-2021	Atmospheric and Space Scientists	96	3	\$45.38	Bachelor's degree	None	None
33-9021	Private Detectives and Investigators	338	6	\$23.72	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
29-1064	Obstetricians and Gynecologists	204	6	\$129.33	Doctoral or professional degree	None	Internship/residency
49-3052	Motorcycle Mechanics	164	7	\$19.68	Postsecondary nondegree award	None	Short-term on-the-job training
29-9012	Occupational Health and Safety Technicians	178	8	\$27.32	High school diploma or equivalent	None	Moderate-term on-the-job training
19-1023	Zoologists and Wildlife Biologists	175	8	\$32.50	Bachelor's degree	None	None
15-1199	Computer Occupations, All Other	2,577	8	\$31.73	Bachelor's degree	None	None
27-4099	Media and Communication Equipment Workers, All Other	210	9	\$31.23	High school diploma or equivalent	None	Short-term on-the-job training



49-9061	Camera and Photographic Equipment Repairers	47	14	\$21.69	Associate's degree	None	Long-term on-the-job training
29-1023	Orthodontists	74	14	\$72.61	Doctoral or professional degree	None	Internship/residency
49-9095	Manufactured Building and Mobile Home Installers	45	14	\$12.28	High school diploma or equivalent	None	Short-term on-the-job training
13-1051	Cost Estimators	2,072	14	\$29.84	Bachelor's degree	None	None
29-1067	Surgeons	429	17	\$133.61	Doctoral or professional degree	None	Internship/residency
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	77	19	\$33.22	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
19-2032	Materials Scientists	89	19	\$59.88	Bachelor's degree	None	None
49-2091	Avionics Technicians	182	19	\$29.32	Associate's degree	None	None
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	294	20	\$19.49	Postsecondary nondegree award	None	Short-term on-the-job training
49-9092	Commercial Divers	59	22	\$20.15	Postsecondary nondegree award	None	Moderate-term on-the-job training
29-1061	Anesthesiologists	325	22	\$125.83	Doctoral or professional degree	None	Internship/residency
51-9194	Etchers and Engravers	117	23	\$14.17	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2054	Respiratory Therapy Technicians	119	23	\$31.41	Associate's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	813	23	\$32.80	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	234	23	\$36.72	Bachelor's degree	None	None
33-2021	Fire Inspectors and Investigators	137	25	\$40.21	Postsecondary nondegree award	5 years or more	Moderate-term on-the-job training
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	543	26	\$40.65	Postsecondary nondegree award	Less than 5 years	Moderate-term on-the-job training
17-1022	Surveyors	437	28	\$33.55	Bachelor's degree	Less than 5 years	None
25-4013	Museum Technicians and Conservators	140	34	\$15.40	Bachelor's degree	None	None
19-1031	Conservation Scientists	243	40	\$30.04	Bachelor's degree	None	None
29-1181	Audiologists	159	43	\$31.10	Doctoral or professional degree	None	None
17-3019	Drafters, All Other	199	46	\$25.22	Associate's degree	None	None

29-2092	Hearing Aid Specialists	115	50	\$24.57	High school diploma or equivalent	None	None
29-1131	Veterinarians	779	59	\$50.13	Doctoral or professional degree	None	None
19-4099	Life, Physical, and Social Science Technicians, All Other	709	61	\$23.82	Associate's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	300	62	\$44.36	Bachelor's degree	None	None
49-9094	Locksmiths and Safe Repairers	282	71	\$21.22	High school diploma or equivalent	None	Long-term on-the-job training
29-9099	Healthcare Practitioners and Technical Workers, All Other	426	73	\$23.48	Postsecondary nondegree award	None	None
19-2043	Hydrologists	139	79	\$49.79	Bachelor's degree	None	None
13-2099	Financial Specialists, All Other	1,253	82	\$25.64	Bachelor's degree	None	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	217	89	\$18.51	High school diploma or equivalent	None	Long-term on-the-job training
53-7011	Conveyor Operators and Tenders	359	89	\$17.47	No formal educational credential	None	Short-term on-the-job training
19-3091	Anthropologists and Archeologists	157	90	\$31.41	Master's degree	None	None
19-4041	Geological and Petroleum Technicians	224	91	\$21.79	Associate's degree	None	Moderate-term on-the-job training
29-2035	Magnetic Resonance Imaging Technologists	421	92	\$42.65	Associate's degree	Less than 5 years	None
47-4099	Construction and Related Workers, All Other	482	94	\$19.62	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,207	102	\$18.35	Some college, no degree	None	Short-term on-the-job training
19-4092	Forensic Science Technicians	255	116	\$35.80	Bachelor's degree	None	Moderate-term on-the-job training
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	600	117	\$9.86	Bachelor's degree	None	Long-term on-the-job training
43-9111	Statistical Assistants	244	141	\$24.70	Bachelor's degree	None	None
29-2032	Diagnostic Medical Sonographers	764	152	\$35.12	Associate's degree	None	None
27-1027	Set and Exhibit Designers	289	153	\$20.63	Bachelor's degree	None	None
27-4014	Sound Engineering Technicians	357	167	\$30.84	Postsecondary nondegree award	None	Short-term on-the-job training

51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	609	167	\$23.79	High school diploma or equivalent	None	Moderate-term on-the-job training
19-4091	Environmental Science and Protection Technicians, Including Health	492	182	\$26.23	Associate's degree	None	None
25-2051	Special Education Teachers, Preschool	462	202	\$25.18	Bachelor's degree	None	Internship/residency
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	484	209	\$21.40	High school diploma or equivalent	None	Moderate-term on-the-job training
19-4093	Forest and Conservation Technicians	533	239	\$18.20	Associate's degree	None	None
11-3071	Transportation, Storage, and Distribution Managers	1,326	242	\$39.06	High school diploma or equivalent	5 years or more	None
11-9081	Lodging Managers	661	248	\$33.15	High school diploma or equivalent	Less than 5 years	None
51-8013	Power Plant Operators	574	260	\$39.80	High school diploma or equivalent	None	Long-term on-the-job training
53-2012	Commercial Pilots	638	261	\$38.36	High school diploma or equivalent	None	Moderate-term on-the-job training
17-3022	Civil Engineering Technicians	921	263	\$27.56	Associate's degree	None	None
47-2021	Brickmasons and Blockmasons	1,051	302	\$22.08	High school diploma or equivalent	None	Apprenticeship
47-4041	Hazardous Materials Removal Workers	733	326	\$18.54	High school diploma or equivalent	None	Moderate-term on-the-job training
17-3023	Electrical and Electronics Engineering Technicians	1,567	330	\$33.13	Associate's degree	None	None
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	404	341	\$44.50	Bachelor's degree	None	None
29-2099	Health Technologists and Technicians, All Other	1,592	405	\$22.44	High school diploma or equivalent	None	None
19-4031	Chemical Technicians	1,034	442	\$24.30	Associate's degree	None	Moderate-term on-the-job training
19-2042	Geoscientists, Except Hydrologists and Geographers	743	463	\$44.35	Bachelor's degree	None	None
53-6099	Transportation Workers, All Other	871	515	\$21.29	High school diploma or equivalent	None	Short-term on-the-job training
39-1021	First-Line Supervisors of Personal Service Workers	2,610	590	\$17.35	High school diploma or equivalent	Less than 5 years	None
53-2011	Airline Pilots, Copilots, and Flight Engineers	1,433	631	\$93.71	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training

49-3011	Aircraft Mechanics and Service Technicians	1,909	699	\$33.80	Postsecondary nondegree award	None	None
25-3098	Substitute Teachers	6,082	706	\$13.34	Bachelor's degree	None	Internship/residency
47-2051	Cement Masons and Concrete Finishers	2,396	709	\$20.40	No formal educational credential	None	Moderate-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,023	812	\$28.98	High school diploma or equivalent	None	Long-term on-the-job training
25-9099	Education, Training, and Library Workers, All Other	1,825	902	\$26.47	Bachelor's degree	None	None
47-2111	Electricians	7,136	939	\$29.24	High school diploma or equivalent	None	Apprenticeship
33-1099	First-Line Supervisors of Protective Service Workers, All Other	1,619	950	\$23.41	High school diploma or equivalent	Less than 5 years	None
49-9099	Installation, Maintenance, and Repair Workers, All Other	2,698	993	\$22.08	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	4,535	1,069	\$11.01	No formal educational credential	None	Short-term on-the-job training
11-9021	Construction Managers	4,596	1,156	\$36.38	Bachelor's degree	None	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	5,568	1,209	\$24.28	High school diploma or equivalent	None	Apprenticeship
47-5041	Continuous Mining Machine Operators	1,482	1,379	\$28.67	No formal educational credential	None	Moderate-term on-the-job training
49-9071	Maintenance and Repair Workers, General	14,937	1,591	\$21.28	High school diploma or equivalent	None	Long-term on-the-job training
11-9199	Managers, All Other	9,268	1,935	\$37.01	Bachelor's degree	Less than 5 years	None
17-2021	Agricultural Engineers	<10	Insf. Data	Insf. Data	Bachelor's degree	None	None
19-2011	Astronomers	<10	Insf. Data	Insf. Data	Doctoral or professional degree	None	None
15-2021	Mathematicians	<10	Insf. Data	Insf. Data	Master's degree	None	None
15-2099	Mathematical Science Occupations, All Other	<10	Insf. Data	Insf. Data	Bachelor's degree	None	None
29-1024	Prosthodontists	<10	Insf. Data	Insf. Data	Doctoral or professional degree	None	Internship/residency
51-8011	Nuclear Power Reactor Operators	<10	Insf. Data	Insf. Data	High school diploma or equivalent	None	Long-term on-the-job training

39-4011	Embalmers	<10	Insf. Data	Insf. Data	Postsecondary nondegree award	None	Short-term on-the-job training
19-3092	Geographers	<10	Insf. Data	Insf. Data	Bachelor's degree	None	None
51-4062	Patternmakers, Metal and Plastic	<10	Insf. Data	Insf. Data	High school diploma or equivalent	None	Moderate-term on-the-job training
15-2091	Mathematical Technicians	<10	Insf. Data	Insf. Data	Bachelor's degree	None	None
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	<10	Insf. Data	Insf. Data	High school diploma or equivalent	None	Short-term on-the-job training
51-7032	Patternmakers, Wood	<10	Insf. Data	Insf. Data	High school diploma or equivalent	None	Moderate-term on-the-job training

### <sup>1</sup>EMSI Data Sources and Calculations

**Occupation Data:** Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics and the American Community Survey. Occupational wage estimates also affected by county-level Emsi earnings by industry.

**State Data Sources:** This report uses state data from the following agencies: Nevada Department of Employment, Training and Rehabilitation, Research and Analysis Bureau

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