

STEM JOBS PAY

NEVADA STEM JOB FACTS 2019



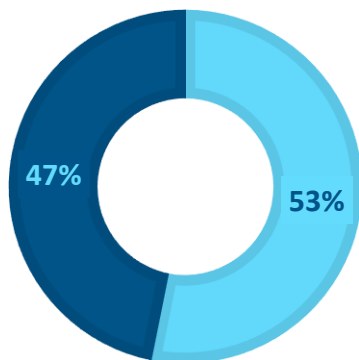
STEM JOBS PAY

NEVADA'S TOP STEM JOBS

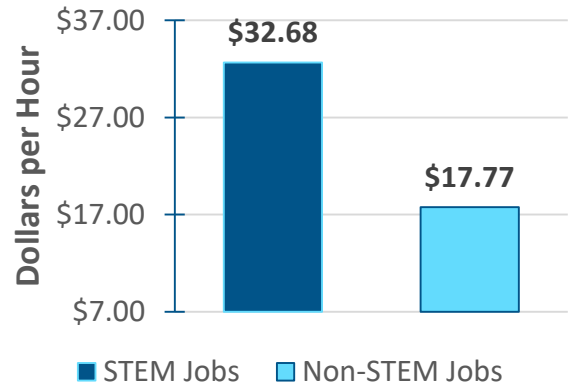
STEM Facts

LEVEL OF EDUCATION REQUIRED FOR STEM JOBS

- Percent of Jobs requiring a BA and Above
- Percent of Jobs requiring Below a BA



HOURLY WAGE COMPARISON



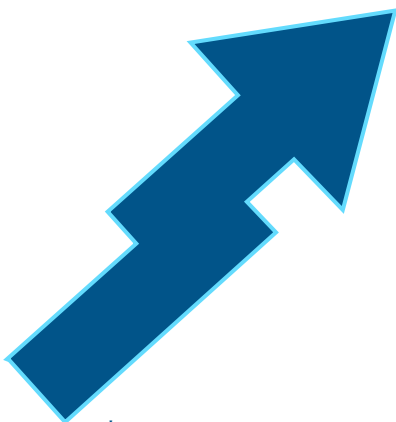
313,299

Total Number of Nevadans employed in STEM jobs

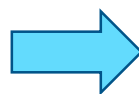
78,300

Total Number of STEM Jobs Nevada needs to meet the national average

STEM JOB GROWTH

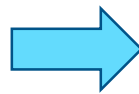


Growth Rate Comparison*



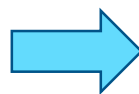
STEM Job Growth: 26.5%
Non-STEM Growth: 18.6%

Annual STEM Job Openings**



34,385

New STEM Jobs in Nevada by 2026







72,476

*Projected 2018-2026

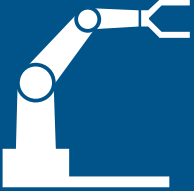


**Due to Growth and Replacements



STEM PATHWAYS

STEM Industry Sector	Jobs Below National Average	Average Wage	Sample Occupations
 COMPUTING	16,921	\$39.56	SOFTWARE DEVELOPER COMPUTER SYSTEMS ANALYST NETWORK ADMINISTRATOR
 HEALTHCARE	16,070	\$47.24	REGISTERED NURSE DOCTOR MEDICAL AND CLINICAL LABORATORY TECHNICIAN
 EDUCATION	13,538	\$27.16	SECONDARY SCHOOL STEM TEACHER POSTSECONDARY TEACHER CTE TEACHER
 ENGINEERING	9,190	\$40.68	MECHANICAL ENGINEER INDUSTRIAL ENGINEER ELECTRICAL ENGINEER

STEM PATHWAYS

STEM Industry Sector	Jobs Below National Average	Average Wage	Sample Occupations
 ADVANCED MANUFACTURING	6,394	\$29.66	MACHINE TOOL PROGRAMMER DIESEL ENGINE SPECIALIST INDUSTRIAL MACHINERY
 PHYSICAL & LIFE SCIENCES	2,463	\$43.45	MEDICAL SCIENTISTS CHEMISTS BIOLOGICAL SCIENTISTS
 CONSTRUCTION & MINING	1,036	\$31.36	FIRST-LINE SUPERVISOR STRUCTURAL IRON AND STEEL WORKERS INSPECTORS

PRIORITY STEM JOBS

Occupation	Number of Jobs Below National Average	Average Hourly Earnings	Typical Entry-Level Education
Registered Nurses	5,221	\$40.18	Bachelor's Degree
Software Developers (Applications)	4,697	\$48.38	Bachelor's Degree
Licensed Practical Nurses	3,779	\$25.51	Postsecondary non-degree award
Computer Systems Analysts	3,255	\$38.23	Bachelor's Degree
Secondary School Teachers	2,991	\$26.79	Bachelor's Degree
Software Developers (Systems)	2,708	\$43.00	Bachelor's Degree
Doctors, Physicians, Surgeons	1,411	\$103.02	Doctoral Degree
Mechanical Engineers	1,808	\$43.72	Bachelor's Degree
Elementary School Teachers	2,219	\$26.32	Bachelor's Degree
Network and Computer Systems Administrators	1,892	\$38.07	Bachelor's Degree
Industrial Engineers	1,729	\$39.35	Bachelor's Degree
Industrial Machinery Mechanics	1,530	\$28.28	Postsecondary non-degree award
Electrical Engineers	891	\$44.74	Bachelor's Degree
Medical Scientists	682	\$62.24	Doctoral Degree
Middle School Teachers	1,231	\$27.05	Bachelor's Degree
Civil Engineers	652	\$41.17	Bachelor's Degree



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



Source: OSIT analysis of data from the Governor's Office of Economic Development (GOED), Emsi, and the Nevada Department of Employment, Training and Rehabilitation (DETR) Information Development and Processing Division, Research and Analysis Bureau Occupational Employment and Projections 2016-2026. Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

A complete listing of all STEM jobs in Nevada (Nevada High-Demand STEM Occupation Analysis) can be found at: <http://osit.nv.gov/Reports/Reports/>

OSIT would like to thank GOED for its assistance in compiling this report.



Nevada Governor's
Office of Science,
Innovation and
Technology