

## STEM Occupations with Most Job Openings (Total Openings, 2017-2022)

Rural Capital Area



SOC	SOC Title	2018-2023		2017 Hourly Wage	2018-2023 Net New Jobs	2018-2023 Total Job Openings	Typical Education Required	Major Sector
		2018 Employment	% Growth					
29-1141	Registered Nurses	3,659	18%	\$31.43	661	1,753	Bachelor's degree	MED
15-1132	Software Developers, Applications	2,230	22%	\$48.25	497	1,345	Bachelor's degree	COMP
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,554	12%	\$58.09	183	1,046	Bachelor's degree	MKTG
15-1151	Computer User Support Specialists	1,769	15%	\$22.96	259	974	Some college, no degr	COMP
29-2061	Licensed Practical and Licensed Vocational Nurses	1,373	16%	\$21.18	213	763	Postsecondary Cert.	MED
15-1121	Computer Systems Analysts	1,265	14%	\$40.34	181	633	Bachelor's degree	COMP
15-1133	Software Developers, Systems Software	1,307	13%	\$50.55	164	624	Bachelor's degree	COMP
29-2052	Pharmacy Technicians	905	17%	\$16.23	152	551	High School Diploma	MED
15-1142	Network and Computer Systems Administrators	814	13%	\$40.30	105	384	Bachelor's degree	COMP
11-9111	Medical and Health Services Managers	554	21%	\$45.80	115	366	Bachelor's degree	MED
11-3021	Computer and Information Systems Managers	616	16%	\$68.79	97	356	Bachelor's degree	COMP
15-1199	Computer Occupations, All Other	651	16%	\$38.14	107	352	Bachelor's degree	COMP
29-2056	Veterinary Technologists and Technicians	515	20%	\$13.97	102	334	Associate's degree	MED
17-2051	Civil Engineers	562	17%	\$42.56	94	325	Bachelor's degree	ENG
29-2021	Dental Hygienists	553	20%	\$37.23	110	300	Associate's degree	MED
17-2141	Mechanical Engineers	515	14%	\$42.05	72	253	Bachelor's degree	ENG
29-2041	Emergency Medical Technicians and Paramedics	485	18%	\$20.01	85	249	Postsecondary Cert.	MED
17-2112	Industrial Engineers	488	14%	\$45.60	70	248	Bachelor's degree	ENG
17-2071	Electrical Engineers	493	14%	\$50.22	67	242	Bachelor's degree	ENG
17-3023	Electrical and Electronic Engineering Technicians	395	11%	\$30.46	45	231	Associate's degree	ENG
15-1152	Computer Network Support Specialists	398	14%	\$28.59	57	217	Associate's degree	COMP
15-1131	Computer Programmers	525	7%	\$38.00	37	211	Bachelor's degree	COMP
25-1071	Health Specialties Teachers, Postsecondary	290	25%	\$36.77	72	206	Doctoral/Prof Degree	ED
29-1051	Pharmacists	547	13%	\$56.75	72	201	Doctoral/Prof Degree	MED
29-1127	Speech-Language Pathologists	420	17%	\$32.78	70	189	Master's degree	MED
41-9031	Sales Engineers	263	13%	\$53.18	34	183	Bachelor's degree	MKTG
29-1123	Physical Therapists	390	22%	\$40.27	87	181	Doctoral/Prof Degree	MED
11-9041	Architectural and Engineering Managers	354	13%	\$73.55	46	181	Bachelor's degree	ENG
19-3031	Clinical, Counseling, and School Psychologists	333	17%	\$28.71	55	176	Doctoral/Prof Degree	MED
15-1134	Web Developers	304	17%	\$34.28	51	175	Associate's degree	COMP
29-2071	Medical Records and Health Information Technicians	306	18%	\$16.88	56	162	Postsecondary Cert.	MED
17-1011	Architects, Except Landscape and Naval	301	14%	\$43.90	43	162	Bachelor's degree	ARCH
15-1143	Computer Network Architects	333	13%	\$54.71	42	160	Bachelor's degree	COMP
17-2072	Electronics Engineers, Except Computer	330	12%	\$56.44	40	157	Bachelor's degree	ENG
29-1069	Physicians and Surgeons, All Other	466	18%	\$99.61	83	153	Doctoral/Prof Degree	MED
17-3011	Architectural and Civil Drafters	229	16%	\$25.50	37	147	Associate's degree	ENG
29-1171	Nurse Practitioners	240	28%	\$47.32	66	139	Master's degree	MED
29-2081	Opticians, Dispensing	234	18%	\$15.98	42	138	High School Diploma	MED

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		2018 Employment	% Growth	2017 Hourly Wage	2023 Net New Jobs	Total Job Openings		
29-1021	Dentists, General	378	19%	\$66.82	71	129	Doctoral/Prof Degree	MED
17-2199	Engineers, All Other	255	14%	\$50.59	36	127	Bachelor's degree	ENG
17-3031	Surveying and Mapping Technicians	163	17%	\$19.16	27	125	High School Diploma	ENG
15-1122	Information Security Analysts	193	24%	\$49.94	46	125	Bachelor's degree	COMP
15-2031	Operations Research Analysts	205	24%	\$34.29	50	124	Bachelor's degree	BIZ
17-3022	Civil Engineering Technicians	185	16%	\$23.97	30	120	Associate's degree	ENG
29-1122	Occupational Therapists	244	20%	\$33.07	49	119	Master's degree	MED
29-1131	Veterinarians	299	19%	\$64.36	56	118	Doctoral/Prof Degree	MED
29-2034	Radiologic Technologists	254	17%	\$26.61	43	118	Associate's degree	MED
15-1141	Database Administrators	222	16%	\$41.13	35	116	Bachelor's degree	COMP
29-2099	Health Technologists and Technicians, All Other	188	20%	\$19.27	38	106	Postsecondary Cert.	MED
29-2012	Medical and Clinical Laboratory Technicians	196	18%	\$22.31	35	104	Associate's degree	MED
29-1126	Respiratory Therapists	202	22%	\$26.80	44	101	Associate's degree	MED
29-2011	Medical and Clinical Laboratory Technologists	193	17%	\$22.36	33	100	Bachelor's degree	MED
29-2055	Surgical Technologists	162	17%	\$22.51	27	98	Postsecondary Cert.	MED
29-9011	Occupational Health and Safety Specialists	227	14%	\$32.91	32	95	Bachelor's degree	MED
29-1071	Physician Assistants	150	29%	\$48.70	43	93	Master's degree	MED
29-2053	Psychiatric Technicians	132	20%	\$14.67	27	87	Postsecondary Cert.	MED
29-2057	Ophthalmic Medical Technicians	134	19%	\$15.91	26	87	Postsecondary Cert.	MED
17-3029	Engineering Technicians, Except Drafters, All Other	135	13%	\$25.26	18	82	Associate's degree	ENG
19-4099	Life, Physical, and Social Science Technicians, All Other	89	17%	\$24.58	15	74	Associate's degree	SCI
17-3026	Industrial Engineering Technicians	125	10%	\$25.53	13	72	Associate's degree	ENG
17-2061	Computer Hardware Engineers	160	10%	\$60.80	16	70	Bachelor's degree	COMP
19-1042	Medical Scientists, Except Epidemiologists	104	16%	\$36.19	17	67	Doctoral/Prof Degree	SCI
17-3013	Mechanical Drafters	105	14%	\$26.08	15	65	Associate's degree	ENG
29-1031	Dietitians and Nutritionists	122	17%	\$24.09	21	64	Bachelor's degree	MED
19-4031	Chemical Technicians	102	12%	\$21.61	12	64	Associate's degree	SCI
19-2041	Environmental Scientists and Specialists, Including Health	91	16%	\$33.57	15	63	Bachelor's degree	SCI
17-1022	Surveyors	101	18%	\$29.35	18	59	Bachelor's degree	ARCH
29-1062	Family and General Practitioners	171	19%	\$95.98	32	58	Doctoral/Prof Degree	MED
19-4021	Biological Technicians	80	16%	\$17.91	13	56	Bachelor's degree	SCI
17-3012	Electrical and Electronics Drafters	90	13%	\$29.09	12	55	Associate's degree	ENG
31-9097	Phlebotomists	63	37%	\$13.14	23	31	Post-Secondary Cert.	MED
15-1122	Information Security Analysts	104	22%	\$47.12	23	30	Bachelor's Degree	COMP
31-9099	Healthcare Support Workers, All Other	86	23%	\$16.53	20	30	High School Diploma	MED
29-2099	Health Technologists and Technicians, All Other	77	34%	\$16.25	26	30	High School Diploma	MED
17-3029	Engineering Technicians, Except Drafters, All Other	101	14%	\$27.30	14	27	Associate's degree	ENG
17-1022	Surveyors	97	10%	\$27.88	10	26	Bachelor's Degree	ARCH

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					2023 Net New Jobs	Total Job Openings		
29-9011	Occupational Health and Safety Specialists	113	12%	\$31.73	14	26	Bachelor's Degree	MED
29-2057	Ophthalmic Medical Technicians	100	21%	\$14.66	21	26	Post-Secondary Cert.	MED
31-9093	Medical Equipment Preparers	85	19%	\$12.13	16	26	High School Diploma	MED
17-2011	Aerospace Engineers	71	19%	\$42.50	14	25	Bachelor's Degree	ENG
17-3027	Mechanical Engineering Technicians	91	14%	\$21.41	13	25	Associate's degree	ENG
17-3031	Surveying and Mapping Technicians	215	5%	\$19.52	12	25	High School Diploma	ENG
19-2031	Chemists	71	20%	\$26.71	14	23	Bachelor's Degree	SCI
31-2011	Occupational Therapy Assistants	51	28%	\$27.51	14	23	Associate's degree	MED
31-9095	Pharmacy Aides	85	16%	\$12.86	13	23	High School Diploma	MED
29-1063	Internists, General	69	16%	\$106.30	11	21	Doctoral/Prof. Degree	MED
19-4021	Biological Technicians	63	19%	\$24.24	12	21	Bachelor's Degree	SCI
29-2031	Cardiovascular Technologists and Technicians	55	28%	\$21.37	15	21	Associate's degree	MED
47-5021	Earth Drillers, Except Oil and Gas	47	30%	\$19.66	14	20	High School Diploma	GEO
29-9091	Athletic Trainers	76	15%	\$20.02	11	19	Bachelor's Degree	MED
17-3012	Electrical and Electronics Drafters	73	20%	\$35.71	14	19	Associate's degree	ENG
17-2031	Biomedical Engineers	67	15%	\$38.43	10	19	Bachelor's Degree	ENG
17-2081	Environmental Engineers	49	20%	\$42.43	10	18	Bachelor's Degree	ENG
29-1031	Dietitians and Nutritionists	73	20%	\$24.52	14	17	Bachelor's Degree	MED
19-1031	Conservation Scientists	57	8%	\$24.90	4	17	Bachelor's Degree	SCI
19-2042	Geoscientists, Except Hydrologists and Geographers	61	12%	\$39.62	7	17	Bachelor's Degree	SCI
47-5081	Helpers--Extraction Workers	86	13%	\$13.97	12	17	High School Diploma	GEO
29-1067	Surgeons	40	25%	\$91.94	10	16	Doctoral/Prof. Degree	MED
19-4041	Geological and Petroleum Technicians	52	12%	\$22.17	6	16	Associate's degree	SCI
51-9081	Dental Laboratory Technicians	39	27%	\$19.05	11	16	High School Diploma	MED

Source: Chmura Economics