

Data Archive 102

STEM extracts from the National Employment Matrix, employment by occupation, industry, and percent distribution, 2004 and projected 2014

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes denote cells with fewer than 100 cases or confidential data.

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	000000--Total Employment, All Workers			210000--Mining (including oil/gas extraction)			220000--Utilities		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	145,612,332	164,539,901	13.0%	523,200	477,400	-8.8%	570,100	562,600	-1.3%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	280,294	352,916	25.9%	292	278	-4.8%	1,791	1,888	5.4%
11-9041--Engineering managers	190,366	215,123	13.0%	1,926	1,934	0.4%	3,947	3,968	0.5%
11-9121--Natural sciences managers	42,175	47,928	13.6%	350	322	-8.0%	174	174	0.0%
STEM Professions:									
15-0000--Computer and mathematical science occupations	3,152,801	4,119,844	30.7%	6,096	5,879	-3.6%	19,235	21,076	9.6%
15-1000--Computer specialists	3,045,836	4,002,547	31.4%	6,024	5,821	-3.4%	18,015	19,890	10.4%
15-1011--Computer and information scientists, research	22,385	28,123	25.6%	--	--	--	--	--	--
15-1021--Computer programmers	455,271	464,270	2.0%	979	717	-26.8%	2,083	1,699	-18.4%
15-1030--Computer software engineers	800,050	1,168,639	46.1%	754	881	16.8%	3,614	4,302	19.0%
15-1041--Computer support specialists	518,369	637,560	23.0%	1,101	1,005	-8.7%	1,877	1,878	0.1%
15-1051--Computer systems analysts	486,545	639,500	31.4%	1,458	1,463	0.3%	4,886	5,356	9.6%
15-1061--Database Administrators	104,382	144,281	38.2%	354	359	1.4%	601	687	14.3%
15-1071--Network and computer systems administrators	278,381	385,249	38.4%	305	320	4.9%	1,923	2,223	15.6%
15-1081--Network systems and data communications analysts	231,271	357,461	54.6%	417	490	17.5%	2,264	2,979	31.6%
15-1099--Computer specialists, all other	149,181	177,464	19.0%	628	559	-11.0%	756	754	-0.3%
15-2000--Mathematical science occupations	106,965	117,297	9.7%	--	--	--	1,219	1,186	-2.7%
15-2011--Actuaries	17,547	21,610	23.2%	--	--	--	--	--	--
15-2021--Mathematicians	2,537	2,504	-1.3%	--	--	--	--	--	--
15-2031--Operations research analysts	57,515	62,343	8.4%	--	--	--	1,181	1,153	-2.4%
15-2041--Statisticians	18,908	19,787	4.6%	--	--	--	--	--	--
15-2099--Mathematical scientists, all other	8,632	9,165	6.2%	--	--	--	--	--	--
15-2091--Mathematical technicians	1,825	1,887	3.4%	--	--	--	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	1,448,871	1,643,500	13.4%	19,133	18,302	-4.3%	30,466	32,571	6.9%
17-2011--Aerospace engineers	75,584	81,833	8.3%	--	--	--	--	--	--
17-2021--Agricultural engineers	3,390	3,798	12.0%	--	--	--	--	--	--
17-2031--Biomedical engineers	9,695	12,673	30.7%	--	--	--	--	--	--
17-2041--Chemical engineers	30,649	33,899	10.6%	547	530	-3.1%	233	250	7.3%
17-2051--Civil engineers	237,299	276,464	16.5%	429	397	-7.5%	2,287	2,347	2.6%
17-2061--Computer hardware engineers	76,511	84,255	10.1%	128	127	-0.8%	405	404	-0.2%
17-2071--Electrical engineers	155,904	174,279	11.8%	293	291	-0.7%	10,973	11,901	8.5%
17-2072--Electronics engineers, except computer	142,864	156,732	9.7%	188	190	1.1%	573	597	4.2%
17-2081--Environmental engineers	49,257	64,026	30.0%	741	706	-4.7%	651	737	13.2%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	26,520	30,081	13.4%	317	324	2.2%	528	557	5.5%
17-2112--Industrial engineers	176,702	204,960	16.0%	1,515	1,582	4.4%	1,696	1,980	16.7%

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SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	000000--Total Employment, All Workers			210000--Mining (including oil/gas extraction)			220000--Utilities		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	6,788	7,363	8.5%	849	760	-10.5%	--	--	--
17-2031--Materials engineers	21,430	24,054	12.2%	250	245	-2.0%	203	227	11.8%
17-2141--Mechanical engineers	225,857	250,984	11.1%	716	768	7.3%	1,411	1,585	12.3%
17-2151--Mining and geological engineers, incl. mining safety engineers	5,187	5,109	-1.5%	2,587	2,117	-18.2%	--	--	--
17-2161--Nuclear engineers	17,433	18,701	7.3%	--	--	--	6,522	6,978	7.0%
17-2171--Petroleum engineers	16,237	16,218	-0.1%	9,207	8,877	-3.6%	634	582	-8.2%
17-2199--Engineers, all other	171,567	198,069	15.4%	1,360	1,382	1.6%	4,283	4,355	1.7%
41-9031--Sales engineers	73,617	83,897	14.0%	177	190	7.3%	--	--	--
17-1020--Surveyors, cartographers, and photogrammetrists	66,533	77,047	15.8%	549	464	-15.5%	726	723	-0.4%
17-3000--Drafters, engineering, and mapping technicians	850,906	933,406	9.7%	3,882	3,710	-4.4%	17,750	17,653	-0.5%
17-3010--Drafters	253,975	267,391	5.3%	457	427	-6.6%	3,424	3,367	-1.7%
17-3011--Architectural and civil drafters	110,128	115,238	4.6%	--	--	--	160	144	-10.0%
17-3012--Electrical and electronics drafters	37,709	38,169	1.2%	--	--	--	2,311	2,265	-2.0%
17-3013--Mechanical drafters	82,193	86,689	5.5%	204	201	-1.5%	441	446	1.1%
17-3019--Drafters, all other	23,945	27,294	14.0%	116	103	-11.2%	512	512	0.0%
17-3020--Engineering technicians, except drafters	531,978	594,846	11.8%	2,737	2,693	-1.6%	12,172	12,266	0.8%
17-3021--Aerospace engineering and operations technicians	9,502	10,311	8.5%	--	--	--	--	--	--
17-3022--Civil engineering technicians	93,549	106,747	14.1%	--	--	--	708	738	4.2%
17-3023--Electrical and electronic engineering technicians	181,636	199,366	9.8%	1,077	1,069	-0.7%	7,408	7,309	-1.3%
17-3024--Electro-mechanical technicians	19,141	20,995	9.7%	116	110	-5.2%	658	666	1.2%
17-3025--Environmental engineering technicians	20,227	25,167	24.4%	258	203	-21.3%	476	489	2.7%
17-3026--Industrial engineering technicians	68,993	76,216	10.5%	403	433	7.4%	694	787	13.4%
17-3027--Mechanical engineering technicians	47,734	53,612	12.3%	209	215	2.9%	396	436	10.1%
17-3029--Engineering technicians, except drafters, all other	91,197	102,433	12.3%	622	621	-0.2%	1,815	1,825	0.6%
17-3031--Surveying and mapping technicians	64,953	71,169	9.6%	688	589	-14.4%	2,154	2,019	-6.3%
19-0000--Life, physical, and social science occupations	1,315,697	1,531,618	16.4%	15,945	14,409	-9.6%	9,512	9,543	0.3%
19-1000--Life scientists	231,723	279,890	20.8%	--	--	--	537	537	0.0%
19-1010--Agricultural and food scientists	30,143	33,987	12.8%	--	--	--	--	--	--
19-1011--Animal scientists	2,657	3,000	12.9%	--	--	--	--	--	--
19-1012--Food scientists and technologists	10,556	11,710	10.9%	--	--	--	--	--	--
19-1013--Soil and plant Scientists	16,930	19,276	13.9%	--	--	--	--	--	--
19-1020--Biological scientists	77,099	90,235	17.0%	--	--	--	--	--	--
19-1021--Biochemists and biophysicists	16,124	19,514	21.0%	--	--	--	--	--	--
19-1022--Microbiologists	15,063	17,657	17.2%	--	--	--	--	--	--
19-1023--Zoologists and wildlife biologists	16,470	18,603	13.0%	--	--	--	--	--	--

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	000000--Total Employment, All Workers			210000--Mining (including oil/gas extraction)			220000--Utilities		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	29,442	34,461	17.0%	--	--	--	--	--	--
19-1030--Conservation scientists and foresters	31,750	33,806	6.5%	--	--	--	176	175	-0.6%
19-1031--Conservation scientists	18,574	19,747	6.3%	--	--	--	--	--	--
19-1032--Foresters	13,176	14,059	6.7%	--	--	--	173	172	-0.6%
19-1040--Medical scientists	77,275	103,216	33.6%	--	--	--	--	--	--
19-1041--Epidemiologists	4,786	6,039	26.2%	--	--	--	--	--	--
19-1042--Medical scientists except epidemiologists	72,488	97,178	34.1%	--	--	--	--	--	--
19-1099--Life scientists, all other	15,457	18,646	20.6%	--	--	--	288	287	-0.3%
19-2000--Physical scientists	250,417	280,913	12.2%	7,427	6,558	-11.7%	1,799	1,809	0.6%
19-2010--Astronomers and Physicists	15,702	16,823	7.1%	--	--	--	336	313	-6.8%
19-2011--Astronomers	756	835	10.4%	--	--	--	--	--	--
19-2012--Physicists	14,946	15,987	7.0%	--	--	--	336	313	-6.8%
19-2021--Atmospheric and space scientists	7,410	8,636	16.5%	--	--	--	--	--	--
19-2030--Chemists and materials scientists	89,679	96,258	7.3%	266	219	-17.7%	577	562	-2.6%
19-2031--Chemists	82,127	88,100	7.3%	229	184	-19.7%	574	559	-2.6%
19-2032--Materials scientists	7,553	8,158	8.0%	--	--	--	--	--	--
19-2040--Environmental scientists and geoscientists	108,988	126,366	15.9%	7,027	6,222	-11.5%	763	811	6.3%
19-2041--Environmental scientists and specialists, including health	73,370	85,923	17.1%	261	239	-8.4%	618	654	5.8%
19-2042--Geoscientists, except hydrologists and geographers	27,580	29,866	8.3%	6,757	5,976	-11.6%	--	--	--
19-2043--Hydrologists	8,039	10,577	31.6%	--	--	--	--	--	--
19-2099--Physical scientists, all other	28,637	32,831	14.6%	--	--	--	108	108	0.0%
19-3000--Social scientists and related occupations	491,663	579,799	17.9%	288	249	-13.5%	1,528	1,508	-1.3%
19-3011--Economists	12,724	13,442	5.6%	--	--	--	116	102	-12.1%
19-3020--Market and survey researchers	212,186	255,115	20.2%	175	161	-8.0%	1,320	1,315	-0.4%
19-3021--Market research analysts	189,872	227,015	19.6%	175	161	-8.0%	1,245	1,243	-0.2%
19-3022--Survey researchers	22,315	28,100	25.9%	--	--	--	--	--	--
19-3030--Psychologists	178,963	212,343	18.7%	--	--	--	--	--	--
19-3031--Clinical, counseling, and school psychologists	166,688	198,598	19.1%	--	--	--	--	--	--
19-3032--Industrial-organizational psychologists	2,444	2,943	20.4%	--	--	--	--	--	--
19-3039--Psychologists, all other	9,830	10,802	9.9%	--	--	--	--	--	--
19-3041--Sociologists	4,507	4,717	4.7%	--	--	--	--	--	--
19-3051--Urban and regional planners	32,152	37,029	15.2%	--	--	--	--	--	--

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	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	51,131	57,152	11.8%	--	--	--	--	--	--
19-3091--Anthropologists and archeologists	4,918	5,754	17.0%	--	--	--	--	--	--
19-3092--Geographers	844	901	6.8%	--	--	--	--	--	--
19-3093--Historians	2,611	2,724	4.3%	--	--	--	--	--	--
19-3094--Political scientists	5,091	5,463	7.3%	--	--	--	--	--	--
19-3099--Social scientists and related workers, all other	37,666	42,310	12.3%	--	--	--	--	--	--
19-4000--Life, physical, and social science technicians	341,894	391,017	14.4%	8,207	7,580	-7.6%	5,649	5,689	0.7%
19-4011--Agricultural and food science technicians	22,615	25,646	13.4%	--	--	--	--	--	--
19-4021--Biological technicians	64,400	75,475	17.2%	--	--	--	--	--	--
19-4031--Chemical technicians	62,346	65,113	4.4%	1,546	1,370	-11.4%	1,108	1,137	2.6%
19-4041--Geological and petroleum technicians	10,927	11,637	6.5%	5,227	4,932	-5.6%	112	115	2.7%
19-4051--Nuclear technicians	7,313	8,314	13.7%	--	--	--	2,585	2,573	-0.5%
19-4061--Social science research assistants	17,704	20,792	17.4%	--	--	--	--	--	--
19-4090--Other life, physical, and social science technicians	156,589	184,039	17.5%	1,419	1,264	-10.9%	1,824	1,843	1.0%
19-4091--Environmental science & protection technicians, incl. health	30,934	35,967	16.3%	363	307	-15.4%	807	826	2.4%
19-4092--Forensic science technicians	9,823	13,399	36.4%	--	--	--	--	--	--
19-4093--Forest and conservation technicians	32,611	34,778	6.6%	--	--	--	--	--	--
19-4099--Life, physical, and social science technicians, all other	83,222	99,895	20.0%	1,056	957	-9.4%	977	978	0.1%

Source: Bureau of Labor Statistics

Data Archive 102

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SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	230000--Construction			31-330--All Manufacturing			322000--Paper Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	6,964,500	7,756,900	11.4%	14,329,600	13,553,000	-5.4%	499,100	487,300	-2.4%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	675	807	19.6%	29,947	29,908	-0.1%	404	416	3.0%
11-9041--Engineering managers	5,941	7,141	20.2%	78,330	81,279	3.8%	978	1,060	8.4%
11-9121--Natural sciences managers	--	--	--	6,998	8,196	17.1%	--	--	--
STEM Professions:									
15-0000--Computer and mathematical science occupations	9,034	11,013	21.9%	279,682	292,696	4.7%	3,329	3,350	0.6%
15-1000--Computer specialists	8,951	10,930	22.1%	272,511	286,140	5.0%	3,246	3,285	1.2%
15-1011--Computer and information scientists, research	--	--	--	1,919	1,725	-10.1%	--	--	--
15-1021--Computer programmers	1,234	1,154	-6.5%	29,138	22,291	-23.5%	791	659	-16.7%
15-1030--Computer software engineers	1,102	1,500	36.1%	114,107	128,649	12.7%	216	238	10.2%
15-1041--Computer support specialists	2,370	2,702	14.0%	36,889	34,691	-6.0%	496	488	-1.6%
15-1051--Computer systems analysts	1,082	1,362	25.9%	37,832	40,588	7.3%	692	717	3.6%
15-1061--Database Administrators	378	489	29.4%	8,042	8,766	9.0%	--	--	--
15-1071--Network and computer systems administrators	1,982	2,594	30.9%	21,323	23,687	11.1%	486	563	15.8%
15-1081--Network systems and data communications analysts	591	885	49.7%	11,264	14,068	24.9%	--	--	--
15-1099--Computer specialists, all other	212	244	15.1%	11,998	11,675	-2.7%	342	348	1.8%
15-2000--Mathematical science occupations	--	--	--	7,171	6,556	-8.6%	--	--	--
15-2011--Actuaries	--	--	--	--	--	--	--	--	--
15-2021--Mathematicians	--	--	--	158	138	-12.7%	--	--	--
15-2031--Operations research analysts	--	--	--	4,639	4,163	-10.3%	--	--	--
15-2041--Statisticians	--	--	--	1,398	1,382	-1.1%	--	--	--
15-2099--Mathematical scientists, all other	--	--	--	594	542	-8.8%	--	--	--
15-2091--Mathematical technicians	--	--	--	315	263	-16.5%	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	36,628	43,347	18.3%	554,682	579,208	4.4%	7,323	7,891	7.8%
17-2011--Aerospace engineers	--	--	--	51,628	54,087	4.8%	--	--	--
17-2021--Agricultural engineers	--	--	--	728	720	-1.1%	--	--	--
17-2031--Biomedical engineers	--	--	--	3,731	4,998	34.0%	--	--	--
17-2041--Chemical engineers	--	--	--	15,752	15,109	-4.1%	460	450	-2.2%
17-2051--Civil engineers	19,565	22,385	14.4%	3,314	3,276	-1.1%	--	--	--
17-2061--Computer hardware engineers	171	193	12.9%	34,756	33,452	-3.8%	430	446	3.7%
17-2071--Electrical engineers	3,334	3,979	19.3%	61,300	61,509	0.3%	881	837	-5.0%
17-2072--Electronics engineers, except computer	1,203	1,429	18.8%	42,116	42,148	0.1%	217	214	-1.4%
17-2081--Environmental engineers	275	346	25.8%	4,200	4,279	1.9%	337	332	-1.5%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	3,579	4,206	17.5%	7,054	6,959	-1.3%	293	299	2.0%
17-2112--Industrial engineers	1,233	1,647	33.6%	127,763	142,488	11.5%	2,722	3,054	12.2%

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SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	230000--Construction			31-330--All Manufacturing			322000--Paper Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	--	--	--	680	670	-1.5%	--	--	--
17-2031--Materials engineers	--	--	--	14,066	14,690	4.4%	337	366	8.6%
17-2141--Mechanical engineers	4,050	5,311	31.1%	122,147	125,219	2.5%	1,832	1,975	7.8%
17-2151--Mining and geological engineers, incl. mining safety engineers	--	--	--	239	188	-21.3%	--	--	--
17-2161--Nuclear engineers	--	--	--	1,211	1,066	-12.0%	--	--	--
17-2171--Petroleum engineers	--	--	--	511	411	-19.6%	--	--	--
17-2199--Engineers, all other	3,070	3,678	19.8%	63,487	67,938	7.0%	775	843	8.8%
41-9031--Sales engineers	1,912	2,386	24.8%	20,009	19,899	-0.5%	--	--	--
17-1020--Surveyors, cartographers, and photogrammetrists	3,700	4,169	12.7%	122	119	-2.5%	--	--	--
17-3000--Drafters, engineering, and mapping technicians	24,239	26,686	10.1%	260,937	261,960	0.4%	2,196	2,304	4.9%
17-3010--Drafters	16,863	17,984	6.6%	67,632	65,117	-3.7%	368	379	3.0%
17-3011--Architectural and civil drafters	9,074	9,220	1.6%	4,772	4,619	-3.2%	--	--	--
17-3012--Electrical and electronics drafters	4,481	4,955	10.6%	12,396	10,779	-13.0%	--	--	--
17-3013--Mechanical drafters	1,676	1,947	16.2%	43,757	42,841	-2.1%	327	339	3.7%
17-3019--Drafters, all other	1,631	1,863	14.2%	6,706	6,878	2.6%	--	--	--
17-3020--Engineering technicians, except drafters	6,522	7,791	19.5%	193,028	196,601	1.9%	1,822	1,920	5.4%
17-3021--Aerospace engineering and operations technicians	--	--	--	6,469	6,829	5.6%	--	--	--
17-3022--Civil engineering technicians	1,828	2,064	12.9%	556	565	1.6%	--	--	--
17-3023--Electrical and electronic engineering technicians	2,345	2,790	19.0%	64,838	63,814	-1.6%	325	346	6.5%
17-3024--Electro-mechanical technicians	161	188	16.8%	11,421	11,505	0.7%	--	--	--
17-3025--Environmental engineering technicians	431	502	16.5%	1,765	1,621	-8.2%	149	131	-12.1%
17-3026--Industrial engineering technicians	237	306	29.1%	49,649	51,359	3.4%	807	856	6.1%
17-3027--Mechanical engineering technicians	1,022	1,298	27.0%	25,066	25,729	2.6%	128	136	6.3%
17-3029--Engineering technicians, except drafters, all other	498	642	28.9%	33,263	35,178	5.8%	400	440	10.0%
17-3031--Surveying and mapping technicians	855	910	6.4%	277	242	-12.6%	--	--	--
19-0000--Life, physical, and social science occupations	2,764	3,092	11.9%	155,770	161,972	4.0%	1,815	1,687	-7.1%
19-1000--Life scientists	--	--	--	28,836	36,085	25.1%	187	164	-12.3%
19-1010--Agricultural and food scientists	--	--	--	4,096	4,392	7.2%	--	--	--
19-1011--Animal scientists	--	--	--	--	--	--	--	--	--
19-1012--Food scientists and technologists	--	--	--	3,947	4,242	7.5%	--	--	--
19-1013--Soil and plant Scientists	--	--	--	--	--	--	--	--	--
19-1020--Biological scientists	--	--	--	10,095	12,336	22.2%	--	--	--
19-1021--Biochemists and biophysicists	--	--	--	4,620	5,547	20.1%	--	--	--
19-1022--Microbiologists	--	--	--	3,644	4,500	23.5%	--	--	--
19-1023--Zoologists and wildlife biologists	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	230000--Construction			31-330--All Manufacturing			322000--Paper Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	--	--	--	1,829	2,287	25.0%	--	--	--
19-1030--Conservation scientists and foresters	--	--	--	1,532	1,453	-5.2%	160	139	-13.1%
19-1031--Conservation scientists	--	--	--	--	--	--	--	--	--
19-1032--Foresters	--	--	--	1,511	1,433	-5.2%	155	135	-12.9%
19-1040--Medical scientists	--	--	--	10,812	15,134	40.0%	--	--	--
19-1041--Epidemiologists	--	--	--	--	--	--	--	--	--
19-1042--Medical scientists except epidemiologists	--	--	--	10,761	15,080	40.1%	--	--	--
19-1099--Life scientists, all other	--	--	--	2,300	2,770	20.4%	--	--	--
19-2000--Physical scientists	482	539	11.8%	43,755	44,141	0.9%	691	652	-5.6%
19-2010--Astronomers and Physicists	--	--	--	1,177	1,141	-3.1%	--	--	--
19-2011--Astronomers	--	--	--	--	--	--	--	--	--
19-2012--Physicists	--	--	--	1,177	1,141	-3.1%	--	--	--
19-2021--Atmospheric and space scientists	--	--	--	122	104	-14.8%	--	--	--
19-2030--Chemists and materials scientists	123	136	10.6%	38,706	39,316	1.6%	531	500	-5.8%
19-2031--Chemists	123	136	10.6%	35,336	35,995	1.9%	503	472	-6.2%
19-2032--Materials scientists	--	--	--	3,370	3,321	-1.5%	--	--	--
19-2040--Environmental scientists and geoscientists	359	402	12.0%	2,087	1,905	-8.7%	116	105	-9.5%
19-2041--Environmental scientists and specialists, including health	226	253	11.9%	1,908	1,745	-8.5%	116	105	-9.5%
19-2042--Geoscientists, except hydrologists and geographers	--	--	--	175	156	-10.9%	--	--	--
19-2043--Hydrologists	--	--	--	--	--	--	--	--	--
19-2099--Physical scientists, all other	--	--	--	1,664	1,676	0.7%	--	--	--
19-3000--Social scientists and related occupations	1,966	2,197	11.7%	24,882	23,321	-6.3%	168	173	3.0%
19-3011--Economists	--	--	--	--	--	--	--	--	--
19-3020--Market and survey researchers	1,897	2,124	12.0%	23,344	22,030	-5.6%	168	173	3.0%
19-3021--Market research analysts	1,897	2,124	12.0%	23,248	21,928	-5.7%	168	173	3.0%
19-3022--Survey researchers	--	--	--	--	--	--	--	--	--
19-3030--Psychologists	--	--	--	291	258	-11.3%	--	--	--
19-3031--Clinical, counseling, and school psychologists	--	--	--	--	--	--	--	--	--
19-3032--Industrial-organizational psychologists	--	--	--	278	241	-13.3%	--	--	--
19-3039--Psychologists, all other	--	--	--	--	--	--	--	--	--
19-3041--Sociologists	--	--	--	--	--	--	--	--	--
19-3051--Urban and regional planners	--	--	--	--	--	--	--	--	--

Data Archive 102

STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	230000--Construction			31-330--All Manufacturing			322000--Paper Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	--	--	--	1,148	942	-17.9%	--	--	--
19-3091--Anthropologists and archeologists	--	--	--	--	--	--	--	--	--
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	--	--	--	--	--	--	--	--	--
19-3094--Political scientists	--	--	--	--	--	--	--	--	--
19-3099--Social scientists and related workers, all other	--	--	--	1,141	935	-18.1%	--	--	--
19-4000--Life, physical, and social science technicians	304	343	12.8%	58,296	58,425	0.2%	768	699	-9.0%
19-4011--Agricultural and food science technicians	--	--	--	4,433	4,594	3.6%	--	--	--
19-4021--Biological technicians	--	--	--	9,660	11,850	22.7%	--	--	--
19-4031--Chemical technicians	117	134	14.5%	32,141	29,633	-7.8%	467	428	-8.4%
19-4041--Geological and petroleum technicians	--	--	--	765	662	-13.5%	--	--	--
19-4051--Nuclear technicians	--	--	--	1,046	1,030	-1.5%	--	--	--
19-4061--Social science research assistants	--	--	--	533	602	12.9%	--	--	--
19-4090--Other life, physical, and social science technicians	118	129	9.3%	9,718	10,054	3.5%	257	228	-11.3%
19-4091--Environmental science & protection technicians, incl. health	--	--	--	1,923	1,864	-3.1%	--	--	--
19-4092--Forensic science technicians	--	--	--	--	--	--	--	--	--
19-4093--Forest and conservation technicians	--	--	--	234	223	-4.7%	--	--	--
19-4099--Life, physical, and social science technicians, all other	--	--	--	7,559	7,963	5.3%	--	--	--

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	325000--Chemical Manufacturing			326000--Plastics and Rubber Products Manufacturing			332000--Fabricated Metal Product Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	887,100	877,100	-1.1%	806,600	732,800	-9.1%	1,497,600	1,470,000	-1.8%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	3,953	4,705	19.0%	1,129	1,137	0.7%	1,884	1,959	4.0%
11-9041--Engineering managers	3,869	4,231	9.4%	2,457	2,608	6.1%	5,346	5,960	11.5%
11-9121--Natural sciences managers	5,733	6,918	20.7%	--	--	--	--	--	--
STEM Professions:									
15-0000--Computer and mathematical science occupations	19,299	22,997	19.2%	4,132	4,119	-0.3%	9,494	9,816	3.4%
15-1000--Computer specialists	17,867	21,450	20.1%	4,090	4,084	-0.1%	9,088	9,484	4.4%
15-1011--Computer and information scientists, research	--	--	--	--	--	--	136	131	-3.7%
15-1021--Computer programmers	2,062	1,764	-14.5%	827	649	-21.5%	2,123	1,760	-17.1%
15-1030--Computer software engineers	2,049	2,851	39.1%	454	511	12.6%	1,175	1,370	16.6%
15-1041--Computer support specialists	2,846	3,077	8.1%	725	689	-5.0%	1,167	1,165	-0.2%
15-1051--Computer systems analysts	5,634	7,070	25.5%	612	625	2.1%	1,215	1,304	7.3%
15-1061--Database Administrators	1,068	1,337	25.2%	179	196	9.5%	599	678	13.2%
15-1071--Network and computer systems administrators	1,788	2,292	28.2%	790	865	9.5%	2,011	2,322	15.5%
15-1081--Network systems and data communications analysts	1,046	1,553	48.5%	248	306	23.4%	331	431	30.2%
15-1099--Computer specialists, all other	1,299	1,414	8.9%	243	229	-5.8%	330	322	-2.4%
15-2000--Mathematical science occupations	1,432	1,547	8.0%	406	333	-18.0%	406	333	-18.0%
15-2011--Actuaries	--	--	--	--	--	--	--	--	--
15-2021--Mathematicians	--	--	--	--	--	--	--	--	--
15-2031--Operations research analysts	362	391	8.0%	--	--	--	137	115	-16.1%
15-2041--Statisticians	917	998	8.8%	--	--	--	269	218	-19.0%
15-2099--Mathematical scientists, all other	--	--	--	--	--	--	--	--	--
15-2091--Mathematical technicians	--	--	--	--	--	--	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	29,381	30,570	4.0%	15,358	15,741	2.5%	31,897	34,852	9.3%
17-2011--Aerospace engineers	--	--	--	--	--	--	159	151	-5.0%
17-2021--Agricultural engineers	--	--	--	--	--	--	--	--	--
17-2031--Biomedical engineers	1,571	2,393	52.3%	--	--	--	--	--	--
17-2041--Chemical engineers	8,493	8,106	-4.6%	901	903	0.2%	192	211	9.9%
17-2051--Civil engineers	430	400	-7.0%	--	--	--	833	871	4.6%
17-2061--Computer hardware engineers	--	--	--	--	--	--	110	107	-2.7%
17-2071--Electrical engineers	881	837	-5.0%	522	539	3.3%	821	914	11.3%
17-2072--Electronics engineers, except computer	217	214	-1.4%	--	--	--	350	358	2.3%
17-2081--Environmental engineers	893	896	0.3%	125	127	1.6%	215	233	8.4%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	2,495	2,359	-5.5%	262	251	-4.2%	368	382	3.8%
17-2112--Industrial engineers	6,997	7,590	8.5%	6,806	7,260	6.7%	12,086	13,490	11.6%

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	325000--Chemical Manufacturing			326000--Plastics and Rubber Products Manufacturing			332000--Fabricated Metal Product Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	--	--	--	--	--	--	--	--	--
17-2031--Materials engineers	679	742	9.3%	661	690	4.4%	1,220	1,375	12.7%
17-2141--Mechanical engineers	2,902	2,936	1.2%	4,699	4,517	-3.9%	13,168	14,208	7.9%
17-2151--Mining and geological engineers, incl. mining safety engineers	179	126	-29.6%	--	--	--	--	--	--
17-2161--Nuclear engineers	1,115	993	-10.9%	--	--	--	--	--	--
17-2171--Petroleum engineers	--	--	--	--	--	--	--	--	--
17-2199--Engineers, all other	2,472	2,923	18.2%	1,232	1,308	6.2%	2,210	2,394	8.3%
41-9031--Sales engineers	436	435	-0.2%	452	471	4.2%	1,565	1,704	8.9%
17-1020--Surveyors, cartographers, and photogrammetrists	--	--	--	--	--	--	--	--	--
17-3000--Drafters, engineering, and mapping technicians	10,222	11,228	9.8%	5,294	5,173	-2.3%	20,486	21,105	3.0%
17-3010--Drafters	981	942	-4.0%	960	913	-4.9%	13,528	13,578	0.4%
17-3011--Architectural and civil drafters	--	--	--	--	--	--	2,861	2,716	-5.1%
17-3012--Electrical and electronics drafters	--	--	--	--	--	--	280	265	-5.4%
17-3013--Mechanical drafters	819	780	-4.8%	708	684	-3.4%	9,588	9,771	1.9%
17-3019--Drafters, all other	133	140	5.3%	186	174	-6.5%	799	825	3.3%
17-3020--Engineering technicians, except drafters	9,203	10,258	11.5%	4,330	4,255	-1.7%	6,907	7,478	8.3%
17-3021--Aerospace engineering and operations technicians	--	--	--	--	--	--	--	--	--
17-3022--Civil engineering technicians	--	--	--	--	--	--	177	184	4.0%
17-3023--Electrical and electronic engineering technicians	1,301	1,330	2.2%	519	490	-5.6%	1,278	1,331	4.1%
17-3024--Electro-mechanical technicians	--	--	--	206	192	-6.8%	640	632	-1.3%
17-3025--Environmental engineering technicians	425	357	-16.0%	--	--	--	112	115	2.7%
17-3026--Industrial engineering technicians	4,749	5,322	12.1%	1,929	1,894	-1.8%	2,617	2,938	12.3%
17-3027--Mechanical engineering technicians	1,596	1,967	23.2%	1,182	1,168	-1.2%	1,383	1,512	9.3%
17-3029--Engineering technicians, except drafters, all other	1,105	1,261	14.1%	461	480	4.1%	652	718	10.1%
17-3031--Surveying and mapping technicians	--	--	--	--	--	--	--	--	--
19-0000--Life, physical, and social science occupations	91,770	101,836	11.0%	2,125	1,933	-9.0%	2,520	2,489	-1.2%
19-1000--Life scientists	21,037	28,064	33.4%	--	--	--	--	--	--
19-1010--Agricultural and food scientists	133	150	12.8%	--	--	--	--	--	--
19-1011--Animal scientists	--	--	--	--	--	--	--	--	--
19-1012--Food scientists and technologists	--	--	--	--	--	--	--	--	--
19-1013--Soil and plant Scientists	--	--	--	--	--	--	--	--	--
19-1020--Biological scientists	8,929	11,173	25.1%	--	--	--	--	--	--
19-1021--Biochemists and biophysicists	4,083	5,052	23.7%	--	--	--	--	--	--
19-1022--Microbiologists	--	--	--	--	--	--	--	--	--
19-1023--Zoologists and wildlife biologists	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	325000--Chemical Manufacturing			326000--Plastics and Rubber Products Manufacturing			332000--Fabricated Metal Product Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	1,403	1,828	30.3%	--	--	--	--	--	--
19-1030--Conservation scientists and foresters	--	--	--	--	--	--	--	--	--
19-1031--Conservation scientists	--	--	--	--	--	--	--	--	--
19-1032--Foresters	--	--	--	--	--	--	--	--	--
19-1040--Medical scientists	10,252	14,527	41.7%	--	--	--	--	--	--
19-1041--Epidemiologists	--	--	--	--	--	--	--	--	--
19-1042--Medical scientists except epidemiologists	10,239	14,510	41.7%	--	--	--	--	--	--
19-1099--Life scientists, all other	1,723	2,214	28.5%	--	--	--	--	--	--
19-2000--Physical scientists	31,153	32,402	4.0%	792	692	-12.6%	664	652	-1.8%
19-2010--Astronomers and Physicists	417	455	9.1%	--	--	--	--	--	--
19-2011--Astronomers	--	--	--	--	--	--	--	--	--
19-2012--Physicists	417	455	9.1%	--	--	--	--	--	--
19-2021--Atmospheric and space scientists	--	--	--	--	--	--	--	--	--
19-2030--Chemists and materials scientists	29,277	30,613	4.6%	769	670	-12.9%	551	545	-1.1%
19-2031--Chemists	27,822	29,131	4.7%	625	534	-14.6%	514	509	-1.0%
19-2032--Materials scientists	1,455	1,482	1.9%	144	136	-5.6%	--	--	--
19-2040--Environmental scientists and geoscientists	1,231	1,067	-13.3%	--	--	--	--	--	--
19-2041--Environmental scientists and specialists, including health	1,218	1,056	-13.3%	--	--	--	--	--	--
19-2042--Geoscientists, except hydrologists and geographers	--	--	--	--	--	--	--	--	--
19-2043--Hydrologists	--	--	--	--	--	--	--	--	--
19-2099--Physical scientists, all other	225	263	16.9%	--	--	--	--	--	--
19-3000--Social scientists and related occupations	3,414	3,756	10.0%	479	463	-3.3%	617	602	-2.4%
19-3011--Economists	--	--	--	--	--	--	--	--	--
19-3020--Market and survey researchers	3,328	3,669	10.2%	476	460	-3.4%	610	596	-2.3%
19-3021--Market research analysts	3,287	3,619	10.1%	476	460	-3.4%	610	596	-2.3%
19-3022--Survey researchers	--	--	--	--	--	--	--	--	--
19-3030--Psychologists	--	--	--	--	--	--	--	--	--
19-3031--Clinical, counseling, and school psychologists	--	--	--	--	--	--	--	--	--
19-3032--Industrial-organizational psychologists	--	--	--	--	--	--	--	--	--
19-3039--Psychologists, all other	--	--	--	--	--	--	--	--	--
19-3041--Sociologists	--	--	--	--	--	--	--	--	--
19-3051--Urban and regional planners	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by i

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	325000--Chemical Manufacturing			326000--Plastics and Rubber Products Manufacturing			332000--Fabricated Metal Product Manufacturing		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	--	--	--	--	--	--	--	--	--
19-3091--Anthropologists and archeologists	--	--	--	--	--	--	--	--	--
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	--	--	--	--	--	--	--	--	--
19-3094--Political scientists	--	--	--	--	--	--	--	--	--
19-3099--Social scientists and related workers, all other	--	--	--	--	--	--	--	--	--
19-4000--Life, physical, and social science technicians	36,166	37,613	4.0%	839	762	-9.2%	1,223	1,215	-0.7%
19-4011--Agricultural and food science technicians	117	123	5.1%	--	--	--	--	--	--
19-4021--Biological technicians	8,738	10,916	24.9%	--	--	--	--	--	--
19-4031--Chemical technicians	22,121	20,581	-7.0%	733	661	-9.8%	334	355	6.3%
19-4041--Geological and petroleum technicians	--	--	--	--	--	--	--	--	--
19-4051--Nuclear technicians	--	--	--	--	--	--	658	628	-4.6%
19-4061--Social science research assistants	430	503	17.0%	--	--	--	--	--	--
19-4090--Other life, physical, and social science technicians	4,667	5,387	15.4%	--	--	--	192	194	1.0%
19-4091--Environmental science & protection technicians, incl. health	1,123	1,133	0.9%	--	--	--	--	--	--
19-4092--Forensic science technicians	--	--	--	--	--	--	--	--	--
19-4093--Forest and conservation technicians	--	--	--	--	--	--	--	--	--
19-4099--Life, physical, and social science technicians, all other	3,542	4,249	20.0%	--	--	--	101	104	3.0%

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	333000--Machinery Manufacturing			334000--Computer and Electronic Product Manufacturing			335000--Electrical Equipment, Appliance & Component Mfg.		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	1,141,500	995,000	-12.8%	1,326,200	1,232,000	-7.1%	446,900	363,000	-18.8%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	2,925	2,686	-8.2%	9,448	8,774	-7.1%	1,124	981	-12.7%
11-9041--Engineering managers	10,177	9,738	-4.3%	28,086	28,122	0.1%	3,104	2,860	-7.9%
11-9121--Natural sciences managers	--	--	--	331	322	-2.7%	--	--	--
STEM Professions:									
15-0000--Computer and mathematical science occupations	18,445	16,812	-8.9%	143,727	147,110	2.4%	6,063	5,496	-9.4%
15-1000--Computer specialists	18,163	16,602	-8.6%	141,523	145,439	2.8%	5,949	5,416	-9.0%
15-1011--Computer and information scientists, research	140	119	-15.0%	1,388	1,198	-13.7%	--	--	--
15-1021--Computer programmers	3,032	2,160	-28.8%	9,418	6,743	-28.4%	712	482	-32.3%
15-1030--Computer software engineers	6,857	6,703	-2.2%	83,310	92,016	10.5%	1,488	1,487	-0.1%
15-1041--Computer support specialists	3,020	2,593	-14.1%	16,721	14,911	-10.8%	794	651	-18.0%
15-1051--Computer systems analysts	2,229	2,129	-4.5%	12,647	12,098	-4.3%	1,323	1,203	-9.1%
15-1061--Database Administrators	577	576	-0.2%	2,910	2,891	-0.7%	230	216	-6.1%
15-1071--Network and computer systems administrators	1,176	1,155	-1.8%	6,444	6,643	3.1%	675	645	-4.4%
15-1081--Network systems and data communications analysts	690	781	13.2%	4,952	5,668	14.5%	525	572	9.0%
15-1099--Computer specialists, all other	443	387	-12.6%	3,733	3,270	-12.4%	180	143	-20.6%
15-2000--Mathematical science occupations	282	211	-25.2%	2,204	1,671	-24.2%	--	--	--
15-2011--Actuaries	--	--	--	--	--	--	--	--	--
15-2021--Mathematicians	--	--	--	--	--	--	--	--	--
15-2031--Operations research analysts	175	130	-25.7%	1,844	1,391	-24.6%	--	--	--
15-2041--Statisticians	--	--	--	--	--	--	--	--	--
15-2099--Mathematical scientists, all other	--	--	--	--	--	--	--	--	--
15-2091--Mathematical technicians	--	--	--	173	136	-21.4%	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	63,046	59,478	-5.7%	186,329	191,619	2.8%	22,074	20,112	-8.9%
17-2011--Aerospace engineers	429	322	-24.9%	5,834	5,929	1.6%	--	--	--
17-2021--Agricultural engineers	125	122	-2.4%	--	--	--	--	--	--
17-2031--Biomedical engineers	--	--	--	623	674	8.2%	--	--	--
17-2041--Chemical engineers	454	403	-11.2%	1,711	1,658	-3.1%	161	155	-3.7%
17-2051--Civil engineers	210	170	-19.0%	517	468	-9.5%	--	--	--
17-2061--Computer hardware engineers	648	525	-19.0%	33,030	31,850	-3.6%	225	190	-15.6%
17-2071--Electrical engineers	8,446	7,961	-5.7%	36,647	37,468	2.2%	6,087	5,136	-15.6%
17-2072--Electronics engineers, except computer	1,562	1,364	-12.7%	35,130	35,592	1.3%	2,859	2,477	-13.4%
17-2081--Environmental engineers	176	166	-5.7%	561	543	-3.2%	--	--	--
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	350	325	-7.1%	760	715	-5.9%	185	165	-10.8%
17-2112--Industrial engineers	13,861	13,958	0.7%	26,656	29,619	11.1%	5,168	5,144	-0.5%

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	333000--Machinery Manufacturing			334000--Computer and Electronic Product Manufacturing			335000--Electrical Equipment, Appliance & Component Mfg.		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	--	--	--	--	--	--	--	--	--
17-2031--Materials engineers	1,440	1,418	-1.5%	3,059	3,051	-0.3%	596	554	-7.0%
17-2141--Mechanical engineers	30,187	27,883	-7.6%	22,591	23,599	4.5%	5,294	4,925	-7.0%
17-2151--Mining and geological engineers, incl. mining safety engineers	--	--	--	--	--	--	--	--	--
17-2161--Nuclear engineers	--	--	--	--	--	--	--	--	--
17-2171--Petroleum engineers	--	--	--	--	--	--	--	--	--
17-2199--Engineers, all other	5,107	4,814	-5.7%	19,205	20,451	6.5%	1,225	1,138	-7.1%
41-9031--Sales engineers	6,293	5,695	-9.5%	7,465	7,668	2.7%	1,506	1,354	-10.1%
17-1020--Surveyors, cartographers, and photogrammetrists	--	--	--	--	--	--	--	--	--
17-3000--Drafters, engineering, and mapping technicians	37,174	34,360	-7.6%	91,781	90,416	-1.5%	12,854	10,294	-19.9%
17-3010--Drafters	16,833	15,341	-8.9%	10,575	9,924	-6.2%	4,072	3,059	-24.9%
17-3011--Architectural and civil drafters	167	134	-19.8%	--	--	--	--	--	--
17-3012--Electrical and electronics drafters	1,236	987	-20.1%	6,578	6,017	-8.5%	2,540	1,815	-28.5%
17-3013--Mechanical drafters	14,923	13,774	-7.7%	3,362	3,344	-0.5%	1,392	1,132	-18.7%
17-3019--Drafters, all other	507	446	-12.0%	550	491	-10.7%	--	--	--
17-3020--Engineering technicians, except drafters	20,326	19,006	-6.5%	81,188	80,475	-0.9%	8,750	7,212	-17.6%
17-3021--Aerospace engineering and operations technicians	138	108	-21.7%	703	676	-3.8%	--	--	--
17-3022--Civil engineering technicians	--	--	--	--	--	--	--	--	--
17-3023--Electrical and electronic engineering technicians	5,218	4,744	-9.1%	44,560	44,707	0.3%	4,775	3,598	-24.6%
17-3024--Electro-mechanical technicians	1,420	1,265	-10.9%	6,449	6,655	3.2%	431	376	-12.8%
17-3025--Environmental engineering technicians	--	--	--	381	363	-4.7%	--	--	--
17-3026--Industrial engineering technicians	5,008	4,798	-4.2%	14,800	14,006	-5.4%	1,973	1,826	-7.5%
17-3027--Mechanical engineering technicians	6,105	5,756	-5.7%	7,556	7,640	1.1%	1,137	1,023	-10.0%
17-3029--Engineering technicians, except drafters, all other	2,314	2,229	-3.7%	6,675	6,366	-4.6%	336	310	-7.7%
17-3031--Surveying and mapping technicians	--	--	--	--	--	--	--	--	--
19-0000--Life, physical, and social science occupations	3,162	2,722	-13.9%	18,011	15,997	-11.2%	1,638	1,351	-17.5%
19-1000--Life scientists	--	--	--	1,286	1,254	-2.5%	--	--	--
19-1010--Agricultural and food scientists	--	--	--	--	--	--	--	--	--
19-1011--Animal scientists	--	--	--	--	--	--	--	--	--
19-1012--Food scientists and technologists	--	--	--	--	--	--	--	--	--
19-1013--Soil and plant Scientists	--	--	--	--	--	--	--	--	--
19-1020--Biological scientists	--	--	--	563	520	-7.6%	--	--	--
19-1021--Biochemists and biophysicists	--	--	--	445	400	-10.1%	--	--	--
19-1022--Microbiologists	--	--	--	--	--	--	--	--	--
19-1023--Zoologists and wildlife biologists	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	333000--Machinery Manufacturing			334000--Computer and Electronic Product Manufacturing			335000--Electrical Equipment, Appliance & Component Mfg.		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	--	--	--	--	--	--	--	--	--
19-1030--Conservation scientists and foresters	--	--	--	--	--	--	--	--	--
19-1031--Conservation scientists	--	--	--	--	--	--	--	--	--
19-1032--Foresters	--	--	--	--	--	--	--	--	--
19-1040--Medical scientists	--	--	--	269	285	5.9%	--	--	--
19-1041--Epidemiologists	--	--	--	--	--	--	--	--	--
19-1042--Medical scientists except epidemiologists	--	--	--	235	254	8.1%	--	--	--
19-1099--Life scientists, all other	--	--	--	454	449	-1.1%	--	--	--
19-2000--Physical scientists	588	481	-18.2%	3,253	3,007	-7.6%	213	184	-13.6%
19-2010--Astronomers and Physicists	--	--	--	575	524	-8.9%	--	--	--
19-2011--Astronomers	--	--	--	--	--	--	--	--	--
19-2012--Physicists	--	--	--	575	524	-8.9%	--	--	--
19-2021--Atmospheric and space scientists	--	--	--	--	--	--	--	--	--
19-2030--Chemists and materials scientists	388	323	-16.8%	1,898	1,743	-8.2%	120	102	-15.0%
19-2031--Chemists	286	232	-18.9%	1,416	1,310	-7.5%	--	--	--
19-2032--Materials scientists	--	--	--	482	433	-10.2%	--	--	--
19-2040--Environmental scientists and geoscientists	--	--	--	--	--	--	--	--	--
19-2041--Environmental scientists and specialists, including health	--	--	--	--	--	--	--	--	--
19-2042--Geoscientists, except hydrologists and geographers	--	--	--	--	--	--	--	--	--
19-2043--Hydrologists	--	--	--	--	--	--	--	--	--
19-2099--Physical scientists, all other	--	--	--	600	578	-3.7%	--	--	--
19-3000--Social scientists and related occupations	1,792	1,554	-13.3%	10,150	8,763	-13.7%	1,246	1,013	-18.7%
19-3011--Economists	--	--	--	--	--	--	--	--	--
19-3020--Market and survey researchers	1,787	1,549	-13.3%	8,848	7,702	-13.0%	1,246	1,012	-18.8%
19-3021--Market research analysts	1,786	1,549	-13.3%	8,843	7,698	-12.9%	1,246	1,012	-18.8%
19-3022--Survey researchers	--	--	--	--	--	--	--	--	--
19-3030--Psychologists	--	--	--	194	162	-16.5%	--	--	--
19-3031--Clinical, counseling, and school psychologists	--	--	--	--	--	--	--	--	--
19-3032--Industrial-organizational psychologists	--	--	--	194	162	-16.5%	--	--	--
19-3039--Psychologists, all other	--	--	--	--	--	--	--	--	--
19-3041--Sociologists	--	--	--	--	--	--	--	--	--
19-3051--Urban and regional planners	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by i

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	333000--Machinery Manufacturing			334000--Computer and Electronic Product Manufacturing			335000--Electrical Equipment, Appliance & Component Mfg.		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	--	--	--	1,094	887	-18.9%	--	--	--
19-3091--Anthropologists and archeologists	--	--	--	--	--	--	--	--	--
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	--	--	--	--	--	--	--	--	--
19-3094--Political scientists	--	--	--	--	--	--	--	--	--
19-3099--Social scientists and related workers, all other	--	--	--	1,094	887	-18.9%	--	--	--
19-4000--Life, physical, and social science technicians	755	662	-12.3%	3,322	2,973	-10.5%	178	153	-14.0%
19-4011--Agricultural and food science technicians	--	--	--	--	--	--	--	--	--
19-4021--Biological technicians	--	--	--	196	192	-2.0%	--	--	--
19-4031--Chemical technicians	524	458	-12.6%	1,141	1,078	-5.5%	133	116	-12.8%
19-4041--Geological and petroleum technicians	--	--	--	--	--	--	--	--	--
19-4051--Nuclear technicians	--	--	--	--	--	--	--	--	--
19-4061--Social science research assistants	--	--	--	--	--	--	--	--	--
19-4090--Other life, physical, and social science technicians	213	187	-12.2%	1,934	1,655	-14.4%	--	--	--
19-4091--Environmental science & protection technicians, incl. health	--	--	--	--	--	--	--	--	--
19-4092--Forensic science technicians	--	--	--	--	--	--	--	--	--
19-4093--Forest and conservation technicians	--	--	--	--	--	--	--	--	--
19-4099--Life, physical, and social science technicians, all other	160	144	-10.0%	1,887	1,613	-14.5%	--	--	--

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	336000--Transportation Equipment Manufacturing			420000--Wholesale trade			44-450--Retail trade		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	1,763,500	1,858,800	5.4%	5,654,900	6,130,800	8.4%	15,034,500	16,683,200	11.0%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	2,348	2,646	12.7%	15,950	19,465	22.0%	6,160	7,986	29.6%
11-9041--Engineering managers	15,522	17,246	11.1%	4,249	5,562	30.9%	543	760	40.0%
11-9121--Natural sciences managers	--	--	--	733	865	18.0%	--	--	--
STEM Professions:									
15-0000--Computer and mathematical science occupations	40,199	47,599	18.4%	155,089	191,685	23.6%	59,683	77,747	30.3%
15-1000--Computer specialists	38,159	45,490	19.2%	153,281	189,812	23.8%	59,370	77,408	30.4%
15-1011--Computer and information scientists, research	--	--	--	538	623	15.8%	--	--	--
15-1021--Computer programmers	3,510	3,095	-11.8%	30,435	29,163	-4.2%	11,154	11,494	3.0%
15-1030--Computer software engineers	14,187	18,313	29.1%	30,677	43,542	41.9%	8,257	12,468	51.0%
15-1041--Computer support specialists	3,688	3,974	7.8%	30,976	36,469	17.7%	18,791	23,250	23.7%
15-1051--Computer systems analysts	8,826	10,483	18.8%	23,899	31,189	30.5%	5,064	6,904	36.3%
15-1061--Database Administrators	954	1,173	23.0%	2,733	3,631	32.9%	2,440	3,413	39.9%
15-1071--Network and computer systems administrators	2,402	2,980	24.1%	13,750	18,457	34.2%	7,080	10,107	42.8%
15-1081--Network systems and data communications analysts	1,464	2,090	42.8%	6,859	10,716	56.2%	3,741	6,262	67.4%
15-1099--Computer specialists, all other	3,065	3,314	8.1%	13,415	16,022	19.4%	2,796	3,451	23.4%
15-2000--Mathematical science occupations	2,040	2,110	3.4%	1,808	1,872	3.5%	313	339	8.3%
15-2011--Actuaries	--	--	--	--	--	--	--	--	--
15-2021--Mathematicians	--	--	--	--	--	--	--	--	--
15-2031--Operations research analysts	1,608	1,710	6.3%	1,544	1,606	4.0%	164	181	10.4%
15-2041--Statisticians	--	--	--	134	134	0.0%	147	156	6.1%
15-2099--Mathematical scientists, all other	350	326	-6.9%	125	126	0.8%	--	--	--
15-2091--Mathematical technicians	--	--	--	--	--	--	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	145,887	162,247	11.2%	38,633	48,225	24.8%	2,364	3,171	34.1%
17-2011--Aerospace engineers	45,108	47,611	5.5%	261	270	3.4%	--	--	--
17-2021--Agricultural engineers	--	--	--	170	191	12.4%	--	--	--
17-2031--Biomedical engineers	--	--	--	108	142	31.5%	--	--	--
17-2041--Chemical engineers	586	681	16.2%	767	954	24.4%	--	--	--
17-2051--Civil engineers	427	452	5.9%	445	504	13.3%	--	--	--
17-2061--Computer hardware engineers	411	443	7.8%	4,195	5,029	19.9%	381	486	27.6%
17-2071--Electrical engineers	5,042	5,761	14.3%	5,945	7,479	25.8%	490	679	38.6%
17-2072--Electronics engineers, except computer	1,270	1,434	12.9%	8,255	9,964	20.7%	465	599	28.8%
17-2081--Environmental engineers	590	699	18.5%	273	349	27.8%	--	--	--
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	1,114	1,251	12.3%	463	556	20.1%	--	--	--
17-2112--Industrial engineers	31,520	38,041	20.7%	5,204	7,035	35.2%	230	336	46.1%

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STEM extracts from the National Employment Matrix, employment by

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SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	336000--Transportation Equipment Manufacturing			420000--Wholesale trade			44-450--Retail trade		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	590	588	-0.3%	--	--	--	--	--	--
17-2031--Materials engineers	2,737	3,120	14.0%	483	627	29.8%	--	--	--
17-2141--Mechanical engineers	30,125	33,270	10.4%	8,006	10,030	25.3%	193	272	40.9%
17-2151--Mining and geological engineers, incl. mining safety engineers	--	--	--	--	--	--	--	--	--
17-2161--Nuclear engineers	--	--	--	--	--	--	--	--	--
17-2171--Petroleum engineers	--	--	--	291	275	-5.5%	--	--	--
17-2199--Engineers, all other	26,333	28,868	9.6%	3,725	4,786	28.5%	350	487	39.1%
41-9031--Sales engineers	1,313	1,542	17.4%	26,013	29,410	13.1%	3,100	3,946	27.3%
17-1020--Surveyors, cartographers, and photogrammetrists	--	--	--	184	198	7.6%	--	--	--
17-3000--Drafters, engineering, and mapping technicians	52,394	56,981	8.8%	27,086	31,786	17.4%	3,120	3,909	25.3%
17-3010--Drafters	11,874	12,268	3.3%	4,873	5,452	11.9%	953	1,084	13.7%
17-3011--Architectural and civil drafters	--	--	--	989	1,030	4.1%	546	595	9.0%
17-3012--Electrical and electronics drafters	945	924	-2.2%	861	939	9.1%	--	--	--
17-3013--Mechanical drafters	8,620	8,890	3.1%	2,463	2,839	15.3%	--	--	--
17-3019--Drafters, all other	2,285	2,431	6.4%	560	643	14.8%	295	356	20.7%
17-3020--Engineering technicians, except drafters	40,513	44,708	10.4%	22,084	26,193	18.6%	2,147	2,802	30.5%
17-3021--Aerospace engineering and operations technicians	5,396	5,820	7.9%	--	--	--	--	--	--
17-3022--Civil engineering technicians	--	--	--	157	185	17.8%	--	--	--
17-3023--Electrical and electronic engineering technicians	3,728	4,087	9.6%	15,694	18,260	16.4%	1,758	2,293	30.4%
17-3024--Electro-mechanical technicians	1,543	1,654	7.2%	2,105	2,506	19.0%	144	180	25.0%
17-3025--Environmental engineering technicians	137	149	8.8%	199	226	13.6%	--	--	--
17-3026--Industrial engineering technicians	8,297	9,272	11.8%	1,274	1,661	30.4%	--	--	--
17-3027--Mechanical engineering technicians	3,440	3,825	11.2%	1,491	1,859	24.7%	--	--	--
17-3029--Engineering technicians, except drafters, all other	17,949	19,877	10.7%	1,134	1,464	29.1%	--	--	--
17-3031--Surveying and mapping technicians	--	--	--	129	141	9.3%	--	--	--
19-0000--Life, physical, and social science occupations	4,907	5,258	7.2%	26,986	31,352	16.2%	4,792	5,966	24.5%
19-1000--Life scientists	--	--	--	4,486	5,363	19.5%	340	425	25.0%
19-1010--Agricultural and food scientists	--	--	--	1,760	1,924	9.3%	193	228	18.1%
19-1011--Animal scientists	--	--	--	--	--	--	--	--	--
19-1012--Food scientists and technologists	--	--	--	637	728	14.3%	--	--	--
19-1013--Soil and plant Scientists	--	--	--	1,115	1,186	6.4%	145	169	16.6%
19-1020--Biological scientists	--	--	--	376	452	20.2%	--	--	--
19-1021--Biochemists and biophysicists	--	--	--	230	277	20.4%	--	--	--
19-1022--Microbiologists	--	--	--	--	--	--	--	--	--
19-1023--Zoologists and wildlife biologists	--	--	--	--	--	--	--	--	--

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SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	336000--Transportation Equipment Manufacturing			420000--Wholesale trade			44-450--Retail trade		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	--	--	--	--	--	--	--	--	--
19-1030--Conservation scientists and foresters	--	--	--	443	516	16.5%	--	--	--
19-1031--Conservation scientists	--	--	--	--	--	--	--	--	--
19-1032--Foresters	--	--	--	442	515	16.5%	--	--	--
19-1040--Medical scientists	--	--	--	1,561	2,056	31.7%	--	--	--
19-1041--Epidemiologists	--	--	--	--	--	--	--	--	--
19-1042--Medical scientists except epidemiologists	--	--	--	1,561	2,056	31.7%	--	--	--
19-1099--Life scientists, all other	--	--	--	345	415	20.3%	--	--	--
19-2000--Physical scientists	1,429	1,531	7.1%	3,093	3,431	10.9%	143	173	21.0%
19-2010--Astronomers and Physicists	--	--	--	--	--	--	--	--	--
19-2011--Astronomers	--	--	--	--	--	--	--	--	--
19-2012--Physicists	--	--	--	--	--	--	--	--	--
19-2021--Atmospheric and space scientists	--	--	--	--	--	--	--	--	--
19-2030--Chemists and materials scientists	762	809	6.2%	2,649	2,959	11.7%	113	136	20.4%
19-2031--Chemists	296	304	2.7%	2,198	2,420	10.1%	105	125	19.0%
19-2032--Materials scientists	467	505	8.1%	451	539	19.5%	--	--	--
19-2040--Environmental scientists and geoscientists	225	244	8.4%	186	173	-7.0%	--	--	--
19-2041--Environmental scientists and specialists, including health	225	244	8.4%	119	119	0.0%	--	--	--
19-2042--Geoscientists, except hydrologists and geographers	--	--	--	--	--	--	--	--	--
19-2043--Hydrologists	--	--	--	--	--	--	--	--	--
19-2099--Physical scientists, all other	418	453	8.4%	235	274	16.6%	--	--	--
19-3000--Social scientists and related occupations	1,766	1,903	7.8%	15,165	17,769	17.2%	4,005	4,995	24.7%
19-3011--Economists	--	--	--	--	--	--	--	--	--
19-3020--Market and survey researchers	1,748	1,884	7.8%	12,922	15,071	16.6%	3,795	4,746	25.1%
19-3021--Market research analysts	1,748	1,884	7.8%	12,896	15,042	16.6%	3,790	4,740	25.1%
19-3022--Survey researchers	--	--	--	--	--	--	--	--	--
19-3030--Psychologists	--	--	--	--	--	--	--	--	--
19-3031--Clinical, counseling, and school psychologists	--	--	--	--	--	--	--	--	--
19-3032--Industrial-organizational psychologists	--	--	--	--	--	--	--	--	--
19-3039--Psychologists, all other	--	--	--	--	--	--	--	--	--
19-3041--Sociologists	--	--	--	--	--	--	--	--	--
19-3051--Urban and regional planners	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	336000--Transportation Equipment Manufacturing			420000--Wholesale trade			44-450--Retail trade		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	--	--	--	2,157	2,602	20.6%	209	247	18.2%
19-3091--Anthropologists and archeologists	--	--	--	--	--	--	--	--	--
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	--	--	--	--	--	--	--	--	--
19-3094--Political scientists	--	--	--	--	--	--	--	--	--
19-3099--Social scientists and related workers, all other	--	--	--	2,157	2,602	20.6%	132	164	24.2%
19-4000--Life, physical, and social science technicians	1,673	1,783	6.6%	4,242	4,789	12.9%	304	374	23.0%
19-4011--Agricultural and food science technicians	--	--	--	1,042	1,157	11.0%	--	--	--
19-4021--Biological technicians	--	--	--	274	318	16.1%	--	--	--
19-4031--Chemical technicians	607	661	8.9%	2,015	2,272	12.8%	120	146	21.7%
19-4041--Geological and petroleum technicians	--	--	--	223	241	8.1%	--	--	--
19-4051--Nuclear technicians	296	294	-0.7%	--	--	--	--	--	--
19-4061--Social science research assistants	--	--	--	--	--	--	--	--	--
19-4090--Other life, physical, and social science technicians	755	810	7.3%	682	795	16.6%	--	--	--
19-4091--Environmental science & protection technicians, incl. health	132	134	1.5%	--	--	--	--	--	--
19-4092--Forensic science technicians	--	--	--	--	--	--	--	--	--
19-4093--Forest and conservation technicians	--	--	--	--	--	--	--	--	--
19-4099--Life, physical, and social science technicians, all other	622	676	8.7%	509	598	17.5%	--	--	--

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	48-490--Transportation and Warehousing			510000--Information			520000--Finance and Insurance		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	4,250,000	4,755,900	11.9%	3,138,300	3,502,100	11.6%	5,965,602	6,461,800	8.3%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	4,097	5,006	22.2%	33,854	46,386	37.0%	36,781	43,343	17.8%
11-9041--Engineering managers	1,208	1,537	27.2%	6,042	7,409	22.6%	372	477	28.2%
11-9121--Natural sciences managers	138	161	16.7%	210	273	30.0%	--	--	--
STEM Professions:									
15-0000--Computer and mathematical science occupations	24,736	30,220	22.2%	419,324	587,566	40.1%	311,564	373,411	19.9%
15-1000--Computer specialists	23,951	29,414	22.8%	410,995	578,850	40.8%	286,268	347,239	21.3%
15-1011--Computer and information scientists, research	--	--	--	3,021	4,438	46.9%	260	298	14.6%
15-1021--Computer programmers	4,819	4,537	-5.9%	52,530	59,044	12.4%	44,183	40,720	-7.8%
15-1030--Computer software engineers	3,713	5,080	36.8%	149,460	231,926	55.2%	54,044	73,201	35.4%
15-1041--Computer support specialists	4,622	5,522	19.5%	61,209	80,659	31.8%	44,525	50,323	13.0%
15-1051--Computer systems analysts	2,971	3,662	23.3%	47,185	65,148	38.1%	70,201	85,873	22.3%
15-1061--Database Administrators	1,233	1,676	35.9%	13,290	18,609	40.0%	14,275	18,482	29.5%
15-1071--Network and computer systems administrators	2,975	4,132	38.9%	37,871	51,004	34.7%	28,947	37,749	30.4%
15-1081--Network systems and data communications analysts	1,700	2,594	52.6%	32,847	50,781	54.6%	19,349	28,894	49.3%
15-1099--Computer specialists, all other	1,916	2,208	15.2%	13,583	17,241	26.9%	10,484	11,700	11.6%
15-2000--Mathematical science occupations	785	806	2.7%	8,328	8,716	4.7%	25,295	26,172	3.5%
15-2011--Actuaries	--	--	--	--	--	--	10,856	12,059	11.1%
15-2021--Mathematicians	--	--	--	125	150	20.0%	--	--	--
15-2031--Operations research analysts	749	766	2.3%	7,554	7,842	3.8%	10,623	10,415	-2.0%
15-2041--Statisticians	--	--	--	421	464	10.2%	1,905	1,816	-4.7%
15-2099--Mathematical scientists, all other	--	--	--	--	--	--	1,530	1,511	-1.2%
15-2091--Mathematical technicians	--	--	--	--	--	--	293	297	1.4%
17-2000--Engineers (except sales engineers, surveyors, or technicians)	11,701	14,046	20.0%	49,654	52,771	6.3%	5,840	7,079	21.2%
17-2011--Aerospace engineers	1,309	1,387	6.0%	--	--	--	--	--	--
17-2021--Agricultural engineers	--	--	--	--	--	--	--	--	--
17-2031--Biomedical engineers	--	--	--	--	--	--	--	--	--
17-2041--Chemical engineers	319	358	12.2%	--	--	--	--	--	--
17-2051--Civil engineers	767	823	7.3%	1,153	957	-17.0%	--	--	--
17-2061--Computer hardware engineers	360	455	26.4%	8,011	8,504	6.2%	491	532	8.4%
17-2071--Electrical engineers	650	791	21.7%	5,721	6,770	18.3%	--	--	--
17-2072--Electronics engineers, except computer	417	500	19.9%	27,873	27,658	-0.8%	619	793	28.1%
17-2081--Environmental engineers	187	213	13.9%	--	--	--	--	--	--
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	701	848	21.0%	--	--	--	2,581	3,031	17.4%
17-2112--Industrial engineers	1,259	1,739	38.1%	2,929	4,121	40.7%	209	273	30.6%

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	48-490--Transportation and Warehousing			510000--Information			520000--Finance and Insurance		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	925	1,075	16.2%	--	--	--	--	--	--
17-2031--Materials engineers	--	--	--	--	--	--	--	--	--
17-2141--Mechanical engineers	708	887	25.3%	389	561	44.2%	237	334	40.9%
17-2151--Mining and geological engineers, incl. mining safety engineers	--	--	--	--	--	--	--	--	--
17-2161--Nuclear engineers	--	--	--	--	--	--	--	--	--
17-2171--Petroleum engineers	431	383	-11.1%	--	--	--	198	228	15.2%
17-2199--Engineers, all other	3,571	4,470	25.2%	3,340	3,874	16.0%	1,366	1,718	25.8%
41-9031--Sales engineers	310	408	31.6%	7,241	8,166	12.8%	817	973	19.1%
17-1020--Surveyors, cartographers, and photogrammetrists	--	--	--	233	292	25.3%	--	--	--
17-3000--Drafters, engineering, and mapping technicians	5,284	6,461	22.3%	24,204	25,628	5.9%	591	695	17.6%
17-3010--Drafters	420	442	5.2%	2,534	2,215	-12.6%	156	181	16.0%
17-3011--Architectural and civil drafters	--	--	--	--	--	--	--	--	--
17-3012--Electrical and electronics drafters	--	--	--	1,538	1,362	-11.4%	--	--	--
17-3013--Mechanical drafters	168	176	4.8%	171	167	-2.3%	--	--	--
17-3019--Drafters, all other	188	207	10.1%	784	642	-18.1%	109	129	18.3%
17-3020--Engineering technicians, except drafters	4,769	5,931	24.4%	21,288	22,954	7.8%	371	448	20.8%
17-3021--Aerospace engineering and operations technicians	647	729	12.7%	--	--	--	--	--	--
17-3022--Civil engineering technicians	--	--	--	197	160	-18.8%	--	--	--
17-3023--Electrical and electronic engineering technicians	1,499	1,872	24.9%	17,325	18,017	4.0%	--	--	--
17-3024--Electro-mechanical technicians	--	--	--	--	--	--	--	--	--
17-3025--Environmental engineering technicians	--	--	--	--	--	--	--	--	--
17-3026--Industrial engineering technicians	517	673	30.2%	2,545	3,557	39.8%	--	--	--
17-3027--Mechanical engineering technicians	656	910	38.7%	--	--	--	--	--	--
17-3029--Engineering technicians, except drafters, all other	1,267	1,560	23.1%	1,041	986	-5.3%	205	248	21.0%
17-3031--Surveying and mapping technicians	--	--	--	382	460	20.4%	--	--	--
19-0000--Life, physical, and social science occupations	4,182	4,750	13.6%	23,270	28,104	20.8%	29,098	33,384	14.7%
19-1000--Life scientists	308	375	21.8%	--	--	--	157	185	17.8%
19-1010--Agricultural and food scientists	221	266	20.4%	--	--	--	--	--	--
19-1011--Animal scientists	155	174	12.3%	--	--	--	--	--	--
19-1012--Food scientists and technologists	--	--	--	--	--	--	--	--	--
19-1013--Soil and plant Scientists	--	--	--	--	--	--	--	--	--
19-1020--Biological scientists	--	--	--	--	--	--	--	--	--
19-1021--Biochemists and biophysicists	--	--	--	--	--	--	--	--	--
19-1022--Microbiologists	--	--	--	--	--	--	--	--	--
19-1023--Zoologists and wildlife biologists	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	48-490--Transportation and Warehousing			510000--Information			520000--Finance and Insurance		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	--	--	--	--	--	--	--	--	--
19-1030--Conservation scientists and foresters	--	--	--	--	--	--	--	--	--
19-1031--Conservation scientists	--	--	--	--	--	--	--	--	--
19-1032--Foresters	--	--	--	--	--	--	--	--	--
19-1040--Medical scientists	--	--	--	--	--	--	131	156	19.1%
19-1041--Epidemiologists	--	--	--	--	--	--	--	--	--
19-1042--Medical scientists except epidemiologists	--	--	--	--	--	--	131	156	19.1%
19-1099--Life scientists, all other	--	--	--	--	--	--	--	--	--
19-2000--Physical scientists	344	379	10.2%	796	922	15.8%	234	273	16.7%
19-2010--Astronomers and Physicists	--	--	--	--	--	--	--	--	--
19-2011--Astronomers	--	--	--	--	--	--	--	--	--
19-2012--Physicists	--	--	--	--	--	--	--	--	--
19-2021--Atmospheric and space scientists	--	--	--	547	582	6.4%	--	--	--
19-2030--Chemists and materials scientists	--	--	--	--	--	--	--	--	--
19-2031--Chemists	--	--	--	--	--	--	--	--	--
19-2032--Materials scientists	--	--	--	--	--	--	--	--	--
19-2040--Environmental scientists and geoscientists	139	149	7.2%	147	230	56.5%	175	213	21.7%
19-2041--Environmental scientists and specialists, including health	113	123	8.8%	--	--	--	--	--	--
19-2042--Geoscientists, except hydrologists and geographers	--	--	--	143	225	57.3%	146	180	23.3%
19-2043--Hydrologists	--	--	--	--	--	--	--	--	--
19-2099--Physical scientists, all other	--	--	--	--	--	--	--	--	--
19-3000--Social scientists and related occupations	2,296	2,619	14.1%	21,893	26,500	21.0%	28,360	32,528	14.7%
19-3011--Economists	109	107	-1.8%	--	--	--	652	633	-2.9%
19-3020--Market and survey researchers	2,138	2,454	14.8%	20,734	25,068	20.9%	27,467	31,623	15.1%
19-3021--Market research analysts	2,136	2,451	14.7%	20,439	24,736	21.0%	27,328	31,463	15.1%
19-3022--Survey researchers	--	--	--	295	332	12.5%	139	160	15.1%
19-3030--Psychologists	--	--	--	--	--	--	--	--	--
19-3031--Clinical, counseling, and school psychologists	--	--	--	--	--	--	--	--	--
19-3032--Industrial-organizational psychologists	--	--	--	--	--	--	--	--	--
19-3039--Psychologists, all other	--	--	--	--	--	--	--	--	--
19-3041--Sociologists	--	--	--	--	--	--	--	--	--
19-3051--Urban and regional planners	--	--	--	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by i

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	48-490--Transportation and Warehousing			510000--Information			520000--Finance and Insurance		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	--	--	--	1,067	1,357	27.2%	151	171	13.2%
19-3091--Anthropologists and archeologists	--	--	--	--	--	--	--	--	--
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	--	--	--	--	--	--	--	--	--
19-3094--Political scientists	--	--	--	--	--	--	--	--	--
19-3099--Social scientists and related workers, all other	--	--	--	1,038	1,324	27.6%	--	--	--
19-4000--Life, physical, and social science technicians	1,235	1,377	11.5%	517	589	13.9%	347	398	14.7%
19-4011--Agricultural and food science technicians	--	--	--	--	--	--	--	--	--
19-4021--Biological technicians	--	--	--	--	--	--	--	--	--
19-4031--Chemical technicians	816	917	12.4%	--	--	--	--	--	--
19-4041--Geological and petroleum technicians	140	135	-3.6%	--	--	--	--	--	--
19-4051--Nuclear technicians	--	--	--	--	--	--	--	--	--
19-4061--Social science research assistants	--	--	--	229	215	-6.1%	183	197	7.7%
19-4090--Other life, physical, and social science technicians	181	199	9.9%	252	329	30.6%	--	--	--
19-4091--Environmental science & protection technicians, incl. health	--	--	--	--	--	--	--	--	--
19-4092--Forensic science technicians	--	--	--	--	--	--	--	--	--
19-4093--Forest and conservation technicians	--	--	--	--	--	--	--	--	--
19-4099--Life, physical, and social science technicians, all other	126	139	10.3%	248	324	30.6%	--	--	--

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	540000--Professional, Scientific and Technical Services			541300--Architectural, Engineering & Related Services			541500--Computer Systems Design and Related Services		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	6,761,900	8,684,100	28.4%	1,260,800	1,459,700	15.8%	1,147,400	1,600,300	39.5%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	61,761	87,038	40.9%	5,086	6,184	21.6%	35,603	50,552	42.0%
11-9041--Engineering managers	52,197	63,832	22.3%	35,727	42,231	18.2%	5,617	7,713	37.3%
11-9121--Natural sciences managers	11,010	13,315	20.9%	2,056	2,424	17.9%	123	167	35.8%
STEM Professions:									
15-0000--Computer and mathematical science occupations	891,982	1,300,602	45.8%	59,166	76,236	28.9%	612,059	897,136	46.6%
15-1000--Computer specialists	868,787	1,270,067	46.2%	57,033	73,812	29.4%	606,791	890,550	46.8%
15-1011--Computer and information scientists, research	12,691	16,470	29.8%	510	589	15.5%	7,771	10,538	35.6%
15-1021--Computer programmers	146,239	162,071	10.8%	4,940	4,674	-5.4%	112,146	124,050	10.6%
15-1030--Computer software engineers	299,845	482,240	60.8%	21,170	29,365	38.7%	219,788	357,163	62.5%
15-1041--Computer support specialists	118,493	160,369	35.3%	6,476	7,520	16.1%	82,972	112,509	35.6%
15-1051--Computer systems analysts	127,766	190,523	49.1%	12,166	15,485	27.3%	87,003	129,772	49.2%
15-1061--Database Administrators	23,124	35,867	55.1%	1,817	2,435	34.0%	13,513	21,139	56.4%
15-1071--Network and computer systems administrators	65,759	102,404	55.7%	5,656	7,668	35.6%	39,726	62,807	58.1%
15-1081--Network systems and data communications analysts	45,337	82,141	81.2%	2,773	4,305	55.2%	28,502	51,735	81.5%
15-1099--Computer specialists, all other	29,534	37,983	28.6%	1,046	1,463	39.9%	15,368	20,839	35.6%
15-2000--Mathematical science occupations	23,195	30,535	31.6%	2,133	2,424	13.6%	5,268	6,586	25.0%
15-2011--Actuaries	3,676	6,018	63.7%	--	--	--	--	--	--
15-2021--Mathematicians	602	605	0.5%	--	--	--	--	--	--
15-2031--Operations research analysts	12,810	16,704	30.4%	1,724	2,015	16.9%	4,962	6,215	25.3%
15-2041--Statisticians	3,870	4,247	9.7%	149	146	-2.0%	--	--	--
15-2099--Mathematical scientists, all other	1,857	2,533	36.4%	125	127	1.6%	--	--	--
15-2091--Mathematical technicians	381	429	12.6%	--	--	--	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	378,089	466,717	23.4%	257,084	306,356	19.2%	28,479	39,268	37.9%
17-2011--Aerospace engineers	10,891	12,874	18.2%	5,405	6,322	17.0%	1,095	1,504	37.4%
17-2021--Agricultural engineers	845	1,023	21.1%	456	527	15.6%	--	--	--
17-2031--Biomedical engineers	2,247	3,058	36.1%	345	441	27.8%	--	--	--
17-2041--Chemical engineers	9,954	12,928	29.9%	4,983	6,329	27.0%	158	230	45.6%
17-2051--Civil engineers	115,050	136,837	18.9%	109,048	127,752	17.2%	--	--	--
17-2061--Computer hardware engineers	18,026	24,047	33.4%	2,342	2,753	17.5%	11,511	15,806	37.3%
17-2071--Electrical engineers	43,360	53,101	22.5%	30,533	36,261	18.8%	3,479	4,776	37.3%
17-2072--Electronics engineers, except computer	26,152	32,175	23.0%	12,338	14,527	17.7%	3,785	5,196	37.3%
17-2081--Environmental engineers	24,771	35,586	43.7%	14,223	19,699	38.5%	101	151	49.5%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	2,945	3,972	34.9%	1,437	1,708	18.9%	--	--	--
17-2112--Industrial engineers	21,345	26,783	25.5%	8,628	10,438	21.0%	3,030	4,160	37.3%

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STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	540000--Professional, Scientific and Technical Services			541300--Architectural, Engineering & Related Services			541500--Computer Systems Design and Related Services		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	3,190	3,622	13.5%	2,342	2,475	5.7%	--	--	--
17-2031--Materials engineers	3,359	4,374	30.2%	1,600	1,956	22.3%	--	--	--
17-2141--Mechanical engineers	55,784	67,564	21.1%	40,945	48,710	19.0%	1,376	2,093	52.1%
17-2151--Mining and geological engineers, incl. mining safety engineers	1,486	1,855	24.8%	1,002	1,134	13.2%	--	--	--
17-2161--Nuclear engineers	5,029	5,739	14.1%	1,719	1,975	14.9%	--	--	--
17-2171--Petroleum engineers	2,497	2,787	11.6%	2,083	2,212	6.2%	--	--	--
17-2199--Engineers, all other	31,161	38,392	23.2%	17,656	21,137	19.7%	3,207	4,403	37.3%
41-9031--Sales engineers	9,438	13,090	38.7%	1,491	1,775	19.0%	5,852	8,144	39.2%
17-1020--Surveyors, cartographers, and photogrammetrists	47,687	56,337	18.1%	45,576	53,308	17.0%	676	885	30.9%
17-3000--Drafters, engineering, and mapping technicians	281,241	319,446	13.6%	241,197	267,259	10.8%	9,803	13,593	38.7%
17-3010--Drafters	119,335	128,341	7.5%	45,413	47,918	5.5%	1,813	2,479	36.7%
17-3011--Architectural and civil drafters	81,110	85,436	5.3%	79,668	83,512	4.8%	--	--	--
17-3012--Electrical and electronics drafters	10,547	11,711	11.0%	8,445	8,946	5.9%	--	--	--
17-3013--Mechanical drafters	22,291	24,839	11.4%	19,996	21,741	8.7%	287	389	35.5%
17-3019--Drafters, all other	5,386	6,355	18.0%	4,340	4,820	11.1%	--	--	--
17-3020--Engineering technicians, except drafters	118,082	142,400	20.6%	86,594	101,784	17.5%	7,427	10,390	39.9%
17-3021--Aerospace engineering and operations technicians	1,717	1,909	11.2%	1,139	1,252	9.9%	--	--	--
17-3022--Civil engineering technicians	43,051	50,152	16.5%	42,177	48,822	15.8%	--	--	--
17-3023--Electrical and electronic engineering technicians	26,796	32,606	21.7%	16,001	18,752	17.2%	3,947	5,492	39.1%
17-3024--Electro-mechanical technicians	2,410	2,980	23.7%	1,130	1,328	17.5%	--	--	--
17-3025--Environmental engineering technicians	10,793	14,229	31.8%	7,177	9,072	26.4%	--	--	--
17-3026--Industrial engineering technicians	6,673	8,522	27.7%	2,704	3,214	18.9%	--	--	--
17-3027--Mechanical engineering technicians	14,270	16,905	18.5%	9,856	11,681	18.5%	105	158	50.5%
17-3029--Engineering technicians, except drafters, all other	12,371	15,098	22.0%	6,410	7,663	19.5%	840	1,262	50.2%
17-3031--Surveying and mapping technicians	43,823	48,704	11.1%	42,155	46,456	10.2%	563	724	28.6%
19-0000--Life, physical, and social science occupations	275,745	343,207	24.5%	67,153	78,905	17.5%	9,610	13,025	35.5%
19-1000--Life scientists	44,802	56,016	25.0%	3,396	4,124	21.4%	--	--	--
19-1010--Agricultural and food scientists	3,751	4,847	29.2%	582	697	19.8%	--	--	--
19-1011--Animal scientists	302	355	17.5%	--	--	--	--	--	--
19-1012--Food scientists and technologists	1,008	1,198	18.8%	181	223	23.2%	--	--	--
19-1013--Soil and plant Scientists	2,441	3,294	34.9%	354	419	18.4%	--	--	--
19-1020--Biological scientists	17,259	21,134	22.5%	1,699	2,034	19.7%	--	--	--
19-1021--Biochemists and biophysicists	7,658	9,502	24.1%	606	720	18.8%	--	--	--
19-1022--Microbiologists	3,694	4,210	14.0%	580	691	19.1%	--	--	--
19-1023--Zoologists and wildlife biologists	3,020	3,857	27.7%	156	180	15.4%	--	--	--

Data Archive 102

STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	540000--Professional, Scientific and Technical Services			541300--Architectural, Engineering & Related Services			541500--Computer Systems Design and Related Services		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	2,888	3,565	23.4%	358	443	23.7%	--	--	--
19-1030--Conservation scientists and foresters	880	1,257	42.8%	245	288	17.6%	--	--	--
19-1031--Conservation scientists	518	723	39.6%	128	148	15.6%	--	--	--
19-1032--Foresters	362	534	47.5%	--	--	--	--	--	--
19-1040--Medical scientists	20,705	26,208	26.6%	640	836	30.6%	--	--	--
19-1041--Epidemiologists	1,674	2,471	47.6%	--	--	--	--	--	--
19-1042--Medical scientists except epidemiologists	19,031	23,737	24.7%	639	835	30.7%	--	--	--
19-1099--Life scientists, all other	2,207	2,570	16.4%	231	269	16.5%	--	--	--
19-2000--Physical scientists	82,799	97,851	18.2%	31,594	37,194	17.7%	1,009	1,351	33.9%
19-2010--Astronomers and Physicists	5,894	6,356	7.8%	367	399	8.7%	--	--	--
19-2011--Astronomers	--	--	--	--	--	--	--	--	--
19-2012--Physicists	5,806	6,254	7.7%	367	399	8.7%	--	--	--
19-2021--Atmospheric and space scientists	2,761	3,646	32.1%	153	177	15.7%	--	--	--
19-2030--Chemists and materials scientists	25,235	28,486	12.9%	10,361	11,835	14.2%	181	235	29.8%
19-2031--Chemists	22,668	25,550	12.7%	9,869	11,254	14.0%	--	--	--
19-2032--Materials scientists	2,567	2,936	14.4%	492	581	18.1%	--	--	--
19-2040--Environmental scientists and geoscientists	39,177	47,701	21.8%	18,792	22,530	19.9%	198	265	33.8%
19-2041--Environmental scientists and specialists, including health	24,444	29,041	18.8%	10,228	12,423	21.5%	--	--	--
19-2042--Geoscientists, except hydrologists and geographers	11,388	13,577	19.2%	6,780	7,809	15.2%	147	196	33.3%
19-2043--Hydrologists	3,345	5,084	52.0%	1,783	2,298	28.9%	--	--	--
19-2099--Physical scientists, all other	9,732	11,660	19.8%	1,921	2,253	17.3%	--	--	--
19-3000--Social scientists and related occupations	74,983	101,170	34.9%	8,151	9,461	16.1%	8,193	11,105	35.5%
19-3011--Economists	2,907	3,291	13.2%	100	103	3.0%	--	--	--
19-3020--Market and survey researchers	55,212	77,723	40.8%	3,599	4,181	16.2%	7,769	10,533	35.6%
19-3021--Market research analysts	40,575	57,876	42.6%	3,251	3,804	17.0%	7,750	10,509	35.6%
19-3022--Survey researchers	14,637	19,846	35.6%	348	378	8.6%	--	--	--
19-3030--Psychologists	1,902	2,318	21.9%	--	--	--	--	--	--
19-3031--Clinical, counseling, and school psychologists	762	891	16.9%	--	--	--	--	--	--
19-3032--Industrial-organizational psychologists	833	1,075	29.1%	--	--	--	--	--	--
19-3039--Psychologists, all other	307	353	15.0%	--	--	--	--	--	--
19-3041--Sociologists	1,952	2,134	9.3%	--	--	--	--	--	--
19-3051--Urban and regional planners	4,687	5,785	23.4%	3,917	4,562	16.5%	--	--	--

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	540000--Professional, Scientific and Technical Services			541300--Architectural, Engineering & Related Services			541500--Computer Systems Design and Related Services		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	8,323	9,919	19.2%	471	543	15.3%	392	532	35.7%
19-3091--Anthropologists and archeologists	2,629	3,289	25.1%	244	283	16.0%	--	--	--
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	621	705	13.5%	--	--	--	--	--	--
19-3094--Political scientists	471	546	15.9%	--	--	--	--	--	--
19-3099--Social scientists and related workers, all other	4,509	5,265	16.8%	--	--	--	--	--	--
19-4000--Life, physical, and social science technicians	73,160	88,170	20.5%	24,012	28,126	17.1%	311	425	36.7%
19-4011--Agricultural and food science technicians	3,276	4,004	22.2%	684	816	19.3%	--	--	--
19-4021--Biological technicians	17,689	20,082	13.5%	2,231	2,638	18.2%	--	--	--
19-4031--Chemical technicians	16,196	19,137	18.2%	9,364	11,140	19.0%	--	--	--
19-4041--Geological and petroleum technicians	3,330	4,238	27.3%	2,277	2,662	16.9%	--	--	--
19-4051--Nuclear technicians	1,314	1,607	22.3%	412	486	18.0%	--	--	--
19-4061--Social science research assistants	7,599	8,647	13.8%	--	--	--	--	--	--
19-4090--Other life, physical, and social science technicians	23,756	30,455	28.2%	9,021	10,360	14.8%	150	211	40.7%
19-4091--Environmental science & protection technicians, incl. health	11,606	15,441	33.0%	5,389	6,040	12.1%	--	--	--
19-4092--Forensic science technicians	532	859	61.5%	--	--	--	--	--	--
19-4093--Forest and conservation technicians	968	1,357	40.2%	--	--	--	--	--	--
19-4099--Life, physical, and social science technicians, all other	10,649	12,797	20.2%	3,110	3,684	18.5%	101	137	35.6%

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	541600--Management, Scientific & Technical Consulting Services			541700--Scientific Research and Development Services			550000--Management of Companies and Enterprises		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	779,000	1,250,200	60.5%	547,600	612,900	11.9%	1,718,000	1,900,200	10.6%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	6,213	10,815	74.1%	5,538	6,456	16.6%	21,264	25,361	19.3%
11-9041--Engineering managers	2,868	4,750	65.6%	7,682	8,677	13.0%	8,417	9,590	13.9%
11-9121--Natural sciences managers	1,512	2,513	66.2%	7,116	7,923	11.3%	1,051	1,197	13.9%
STEM Professions:									
15-0000--Computer and mathematical science occupations	76,911	138,410	80.0%	71,067	86,466	21.7%	165,076	201,363	22.0%
15-1000--Computer specialists	68,475	124,945	82.5%	65,991	81,240	23.1%	156,294	192,108	22.9%
15-1011--Computer and information scientists, research	666	1,107	66.2%	3,504	3,897	11.2%	486	554	14.0%
15-1021--Computer programmers	9,176	12,444	35.6%	6,035	5,479	-9.2%	21,937	20,383	-7.1%
15-1030--Computer software engineers	22,697	44,942	98.0%	27,655	36,888	33.4%	31,278	42,516	35.9%
15-1041--Computer support specialists	9,000	14,961	66.2%	4,540	5,032	10.8%	25,119	28,610	13.9%
15-1051--Computer systems analysts	12,636	23,107	82.9%	5,865	7,167	22.2%	29,796	37,331	25.3%
15-1061--Database Administrators	2,538	4,788	88.7%	2,122	2,719	28.1%	7,598	9,863	29.8%
15-1071--Network and computer systems administrators	4,923	9,389	90.7%	3,916	5,073	29.5%	15,720	20,625	31.2%
15-1081--Network systems and data communications analysts	5,383	11,785	118.9%	3,314	4,928	48.7%	12,205	18,383	50.6%
15-1099--Computer specialists, all other	1,456	2,421	66.3%	9,039	10,056	11.3%	12,154	13,844	13.9%
15-2000--Mathematical science occupations	8,436	13,465	59.6%	5,076	5,226	3.0%	8,781	9,255	5.4%
15-2011--Actuaries	--	--	--	--	--	--	1,654	1,884	13.9%
15-2021--Mathematicians	211	266	26.1%	310	262	-15.5%	--	--	--
15-2031--Operations research analysts	3,090	5,017	62.4%	2,166	2,385	10.1%	3,065	3,394	10.7%
15-2041--Statisticians	413	583	41.2%	2,242	2,223	-0.8%	344	332	-3.5%
15-2099--Mathematical scientists, all other	1,270	1,872	47.4%	--	--	--	3,678	3,605	-2.0%
15-2091--Mathematical technicians	--	--	--	179	179	0.0%	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	26,430	44,077	66.8%	62,968	72,369	14.9%	36,234	41,377	14.2%
17-2011--Aerospace engineers	--	--	--	4,159	4,693	12.8%	804	850	5.7%
17-2021--Agricultural engineers	--	--	--	--	--	--	324	369	13.9%
17-2031--Biomedical engineers	--	--	--	1,810	2,452	35.5%	136	171	25.7%
17-2041--Chemical engineers	697	1,242	78.2%	4,081	5,076	24.4%	739	903	22.2%
17-2051--Civil engineers	4,157	6,885	65.6%	1,302	1,451	11.4%	2,360	2,688	13.9%
17-2061--Computer hardware engineers	--	--	--	2,581	2,915	12.9%	1,857	2,115	13.9%
17-2071--Electrical engineers	2,668	4,419	65.6%	6,435	7,269	13.0%	3,835	4,368	13.9%
17-2072--Electronics engineers, except computer	2,064	3,418	65.6%	7,828	8,841	12.9%	4,499	5,126	13.9%
17-2081--Environmental engineers	7,371	12,209	65.6%	2,826	3,191	12.9%	631	790	25.2%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	841	1,465	74.2%	592	691	16.7%	622	742	19.3%
17-2112--Industrial engineers	1,920	3,179	65.6%	7,283	8,227	13.0%	6,798	7,746	13.9%

Data Archive 102

STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	541600--Management, Scientific & Technical Consulting Services			541700--Scientific Research and Development Services			550000--Management of Companies and Enterprises		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	--	--	--	234	261	11.5%	--	--	--
17-2031--Materials engineers	--	--	--	1,670	2,266	35.7%	700	897	28.1%
17-2141--Mechanical engineers	2,436	4,035	65.6%	10,373	11,719	13.0%	4,900	5,583	13.9%
17-2151--Mining and geological engineers, incl. mining safety engineers	359	584	62.7%	124	135	8.9%	--	--	--
17-2161--Nuclear engineers	223	291	30.5%	2,890	3,264	12.9%	343	307	-10.5%
17-2171--Petroleum engineers	278	426	53.2%	105	109	3.8%	374	394	5.3%
17-2199--Engineers, all other	1,536	2,811	83.0%	8,420	9,526	13.1%	7,194	8,197	13.9%
41-9031--Sales engineers	1,322	2,150	62.6%	447	541	21.0%	1,430	1,593	11.4%
17-1020--Surveyors, cartographers, and photogrammetrists	739	1,202	62.7%	138	149	8.0%	328	369	12.5%
17-3000--Drafters, engineering, and mapping technicians	6,904	11,558	67.4%	20,499	23,290	13.6%	12,978	14,649	12.9%
17-3010--Drafters	1,976	3,168	60.3%	1,430	1,566	9.5%	3,327	3,646	9.6%
17-3011--Architectural and civil drafters	614	918	49.5%	--	--	--	799	819	2.5%
17-3012--Electrical and electronics drafters	111	168	51.4%	263	267	1.5%	539	561	4.1%
17-3013--Mechanical drafters	728	1,211	66.3%	978	1,090	11.5%	1,540	1,755	14.0%
17-3019--Drafters, all other	524	871	66.2%	178	199	11.8%	449	512	14.0%
17-3020--Engineering technicians, except drafters	4,401	7,559	71.8%	18,868	21,514	14.0%	9,419	10,752	14.2%
17-3021--Aerospace engineering and operations technicians	--	--	--	531	592	11.5%	--	--	--
17-3022--Civil engineering technicians	619	1,030	66.4%	190	212	11.6%	396	451	13.9%
17-3023--Electrical and electronic engineering technicians	778	1,369	76.0%	5,825	6,631	13.8%	3,061	3,410	11.4%
17-3024--Electro-mechanical technicians	--	--	--	1,106	1,393	25.9%	--	--	--
17-3025--Environmental engineering technicians	1,977	3,273	65.6%	1,492	1,684	12.9%	125	143	14.4%
17-3026--Industrial engineering technicians	290	539	85.9%	1,198	1,353	12.9%	1,808	2,060	13.9%
17-3027--Mechanical engineering technicians	208	382	83.7%	3,957	4,470	13.0%	822	1,033	25.7%
17-3029--Engineering technicians, except drafters, all other	472	869	84.1%	4,569	5,179	13.4%	3,079	3,508	13.9%
17-3031--Surveying and mapping technicians	526	831	58.0%	200	210	5.0%	232	251	8.2%
19-0000--Life, physical, and social science occupations	52,457	78,802	50.2%	118,013	132,847	12.6%	28,214	32,076	13.7%
19-1000--Life scientists	4,818	8,113	68.4%	36,242	43,285	19.4%	2,598	3,137	20.7%
19-1010--Agricultural and food scientists	1,022	1,701	66.4%	2,109	2,396	13.6%	662	775	17.1%
19-1011--Animal scientists	--	--	--	220	246	11.8%	--	--	--
19-1012--Food scientists and technologists	--	--	--	778	897	15.3%	534	629	17.8%
19-1013--Soil and plant Scientists	969	1,611	66.3%	1,111	1,254	12.9%	110	125	13.6%
19-1020--Biological scientists	1,549	2,594	67.5%	13,939	16,408	17.7%	294	342	16.3%
19-1021--Biochemists and biophysicists	--	--	--	6,673	8,158	22.3%	--	--	--
19-1022--Microbiologists	--	--	--	3,000	3,345	11.5%	--	--	--
19-1023--Zoologists and wildlife biologists	887	1,474	66.2%	1,977	2,202	11.4%	--	--	--

Data Archive 102

STEM extracts from the National Employment Matrix, employment by i

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	541600--Management, Scientific & Technical Consulting Services			541700--Scientific Research and Development Services			550000--Management of Companies and Enterprises		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	239	417	74.5%	2,289	2,703	18.1%	126	150	19.0%
19-1030--Conservation scientists and foresters	461	767	66.4%	145	161	11.0%	286	326	14.0%
19-1031--Conservation scientists	249	414	66.3%	132	147	11.4%	109	124	13.8%
19-1032--Foresters	212	353	66.5%	--	--	--	177	201	13.6%
19-1040--Medical scientists	1,611	2,761	71.4%	18,274	22,341	22.3%	1,314	1,647	25.3%
19-1041--Epidemiologists	--	--	--	564	629	11.5%	--	--	--
19-1042--Medical scientists except epidemiologists	516	941	82.4%	17,710	21,713	22.6%	1,314	1,647	25.3%
19-1099--Life scientists, all other	174	290	66.7%	1,775	1,978	11.4%	--	--	--
19-2000--Physical scientists	19,407	25,281	30.3%	29,633	32,368	9.2%	5,228	5,805	11.0%
19-2010--Astronomers and Physicists	206	320	55.3%	5,251	5,547	5.6%	--	--	--
19-2011--Astronomers	--	--	--	--	--	--	--	--	--
19-2012--Physicists	206	320	55.3%	5,177	5,465	5.6%	--	--	--
19-2021--Atmospheric and space scientists	451	750	66.3%	1,215	1,355	11.5%	125	142	13.6%
19-2030--Chemists and materials scientists	1,146	1,831	59.8%	13,477	14,493	7.5%	3,597	3,944	9.6%
19-2031--Chemists	1,077	1,716	59.3%	11,482	12,269	6.9%	3,252	3,552	9.2%
19-2032--Materials scientists	--	--	--	1,994	2,223	11.5%	345	392	13.6%
19-2040--Environmental scientists and geoscientists	16,698	20,873	25.0%	3,328	3,807	14.4%	813	932	14.6%
19-2041--Environmental scientists and specialists, including health	11,327	13,244	16.9%	2,703	3,115	15.2%	444	517	16.4%
19-2042--Geoscientists, except hydrologists and geographers	3,906	4,961	27.0%	529	577	9.1%	339	378	11.5%
19-2043--Hydrologists	1,465	2,668	82.1%	--	--	--	--	--	--
19-2099--Physical scientists, all other	--	--	--	6,362	7,165	12.6%	649	739	13.9%
19-3000--Social scientists and related occupations	17,979	29,053	61.6%	15,229	16,273	6.9%	15,888	18,027	13.5%
19-3011--Economists	1,314	1,708	30.0%	1,341	1,289	-3.9%	322	322	0.0%
19-3020--Market and survey researchers	13,866	22,960	65.6%	5,106	5,533	8.4%	14,587	16,590	13.7%
19-3021--Market research analysts	12,956	21,538	66.2%	3,029	3,344	10.4%	14,234	16,212	13.9%
19-3022--Survey researchers	910	1,422	56.3%	2,077	2,190	5.4%	353	379	7.4%
19-3030--Psychologists	356	592	66.3%	1,416	1,556	9.9%	585	666	13.8%
19-3031--Clinical, counseling, and school psychologists	--	--	--	683	761	11.4%	461	525	13.9%
19-3032--Industrial-organizational psychologists	259	431	66.4%	512	556	8.6%	--	--	--
19-3039--Psychologists, all other	--	--	--	221	240	8.6%	--	--	--
19-3041--Sociologists	110	161	46.4%	1,806	1,931	6.9%	--	--	--
19-3051--Urban and regional planners	670	1,113	66.1%	--	--	--	--	--	--

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STEM extracts from the National Employment Matrix, employment by i

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	541600--Management, Scientific & Technical Consulting Services			541700--Scientific Research and Development Services			550000--Management of Companies and Enterprises		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	1,663	2,518	51.4%	5,460	5,856	7.3%	300	342	14.0%
19-3091--Anthropologists and archeologists	1,079	1,580	46.4%	1,305	1,425	9.2%	--	--	--
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	152	230	51.3%	367	362	-1.4%	--	--	--
19-3094--Political scientists	106	166	56.6%	359	372	3.6%	--	--	--
19-3099--Social scientists and related workers, all other	314	523	66.6%	3,425	3,691	7.8%	288	328	13.9%
19-4000--Life, physical, and social science technicians	10,252	16,355	59.5%	36,909	40,921	10.9%	4,500	5,107	13.5%
19-4011--Agricultural and food science technicians	512	852	66.4%	2,013	2,244	11.5%	402	458	13.9%
19-4021--Biological technicians	462	763	65.2%	14,776	16,379	10.8%	192	218	13.5%
19-4031--Chemical technicians	411	683	66.2%	5,869	6,542	11.5%	2,524	2,874	13.9%
19-4041--Geological and petroleum technicians	669	1,113	66.4%	254	283	11.4%	159	181	13.8%
19-4051--Nuclear technicians	211	351	66.4%	690	770	11.6%	502	572	13.9%
19-4061--Social science research assistants	500	767	53.4%	6,810	7,509	10.3%	--	--	--
19-4090--Other life, physical, and social science technicians	7,487	11,826	58.0%	6,497	7,195	10.7%	621	699	12.6%
19-4091--Environmental science & protection technicians, incl. health	5,798	8,953	54.4%	378	394	4.2%	147	157	6.8%
19-4092--Forensic science technicians	--	--	--	--	--	--	--	--	--
19-4093--Forest and conservation technicians	449	746	66.1%	--	--	--	169	193	14.2%
19-4099--Life, physical, and social science technicians, all other	1,013	1,684	66.2%	5,852	6,466	10.5%	294	335	13.9%

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	560000--Admin. and Support & Waste Mgmt. & Remediation Svcs.			620000--Health Services and Social Assistance			910000--Federal Government		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	7,933,800	10,395,600	31.0%	14,187,200	18,482,100	30.3%	2,727,500	2,770,900	1.6%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	10,305	14,877	44.4%	9,203	12,208	32.7%	7,919	8,624	8.9%
11-9041--Engineering managers	2,251	3,627	61.1%	662	876	32.3%	13,634	14,180	4.0%
11-9121--Natural sciences managers	221	300	35.7%	628	781	24.4%	13,592	14,137	4.0%
STEM Professions:									
15-0000--Computer and mathematical science occupations	126,693	189,455	49.5%	63,061	84,283	33.7%	79,668	89,462	12.3%
15-1000--Computer specialists	124,042	186,289	50.2%	61,277	82,342	34.4%	69,504	79,071	13.8%
15-1011--Computer and information scientists, research	409	573	40.1%	--	--	--	584	663	13.5%
15-1021--Computer programmers	26,349	31,085	18.0%	5,560	5,751	3.4%	6,161	7,106	15.3%
15-1030--Computer software engineers	20,101	34,821	73.2%	6,645	9,809	47.6%	21,640	24,581	13.6%
15-1041--Computer support specialists	33,027	46,769	41.6%	17,993	23,083	28.3%	7,251	8,234	13.6%
15-1051--Computer systems analysts	13,770	21,620	57.0%	11,520	15,223	32.1%	13,194	14,972	13.5%
15-1061--Database Administrators	4,540	7,366	62.2%	3,161	4,627	46.4%	3,408	3,874	13.7%
15-1071--Network and computer systems administrators	9,542	14,991	57.1%	8,671	12,619	45.5%	7,927	9,008	13.6%
15-1081--Network systems and data communications analysts	7,884	16,075	103.9%	4,175	6,805	63.0%	5,275	6,048	14.7%
15-1099--Computer specialists, all other	8,420	12,989	54.3%	3,510	4,372	24.6%	4,064	4,584	12.8%
15-2000--Mathematical science occupations	2,651	3,166	19.4%	1,784	1,941	8.8%	10,165	10,391	2.2%
15-2011--Actuaries	347	507	46.1%	--	--	--	208	216	3.8%
15-2021--Mathematicians	--	--	--	--	--	--	1,214	1,225	0.9%
15-2031--Operations research analysts	2,067	2,375	14.9%	870	952	9.4%	4,593	4,715	2.7%
15-2041--Statisticians	153	181	18.3%	742	796	7.3%	3,856	3,968	2.9%
15-2099--Mathematical scientists, all other	--	--	--	--	--	--	212	190	-10.4%
15-2091--Mathematical technicians	--	--	--	--	--	--	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	33,943	51,204	50.9%	3,388	4,488	32.5%	90,628	98,288	8.5%
17-2011--Aerospace engineers	842	1,255	49.0%	--	--	--	8,337	9,221	10.6%
17-2021--Agricultural engineers	--	--	--	--	--	--	395	411	4.1%
17-2031--Biomedical engineers	--	--	--	1,458	1,912	31.1%	309	354	14.6%
17-2041--Chemical engineers	390	622	59.5%	--	--	--	1,176	1,223	4.0%
17-2051--Civil engineers	2,026	3,066	51.3%	133	167	25.6%	9,848	11,265	14.4%
17-2061--Computer hardware engineers	1,099	1,681	53.0%	112	140	25.0%	4,030	4,190	4.0%
17-2071--Electrical engineers	3,138	4,596	46.5%	224	288	28.6%	3,963	4,120	4.0%
17-2072--Electronics engineers, except computer	2,420	3,807	57.3%	--	--	--	20,525	23,474	14.4%
17-2081--Environmental engineers	2,620	3,697	41.1%	--	--	--	4,500	4,679	4.0%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	728	1,055	44.9%	228	284	24.6%	2,922	3,038	4.0%
17-2112--Industrial engineers	2,937	4,651	58.4%	245	371	51.4%	1,273	1,525	19.8%

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STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	560000--Admin. and Support & Waste Mgmt. & Remediation Svcs.			620000--Health Services and Social Assistance			910000--Federal Government		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	--	--	--	--	--	--	824	857	4.0%
17-2031--Materials engineers	218	379	73.9%	--	--	--	1,241	1,419	14.3%
17-2141--Mechanical engineers	5,792	8,769	51.4%	130	175	34.6%	10,504	10,927	4.0%
17-2151--Mining and geological engineers, incl. mining safety engineers	--	--	--	--	--	--	222	226	1.8%
17-2161--Nuclear engineers	1,574	1,794	14.0%	--	--	--	2,252	2,342	4.0%
17-2171--Petroleum engineers	439	594	35.3%	--	--	--	287	275	-4.2%
17-2199--Engineers, all other	9,599	15,056	56.8%	737	1,003	36.1%	18,021	18,741	4.0%
41-9031--Sales engineers	813	1,277	57.1%	--	--	--	--	--	--
17-1020--Surveyors, cartographers, and photogrammetrists	367	489	33.2%	--	--	--	1,352	1,371	1.4%
17-3000--Drafters, engineering, and mapping technicians	37,238	52,537	41.1%	1,349	1,680	24.5%	38,890	40,746	4.8%
17-3010--Drafters	10,262	14,309	39.4%	120	138	15.0%	197	185	-6.1%
17-3011--Architectural and civil drafters	615	839	36.4%	--	--	--	193	181	-6.2%
17-3012--Electrical and electronics drafters	1,446	2,001	38.4%	--	--	--	--	--	--
17-3013--Mechanical drafters	3,814	5,533	45.1%	--	--	--	--	--	--
17-3019--Drafters, all other	4,388	5,936	35.3%	--	--	--	--	--	--
17-3020--Engineering technicians, except drafters	25,706	36,773	43.1%	1,211	1,520	25.5%	37,050	38,955	5.1%
17-3021--Aerospace engineering and operations technicians	160	245	53.1%	--	--	--	--	--	--
17-3022--Civil engineering technicians	356	538	51.1%	--	--	--	--	--	--
17-3023--Electrical and electronic engineering technicians	10,072	14,557	44.5%	574	700	22.0%	16,291	17,360	6.6%
17-3024--Electro-mechanical technicians	790	1,232	55.9%	--	--	--	--	--	--
17-3025--Environmental engineering technicians	2,955	3,903	32.1%	160	194	21.3%	--	--	--
17-3026--Industrial engineering technicians	3,366	4,792	42.4%	--	--	--	1,127	1,171	3.9%
17-3027--Mechanical engineering technicians	2,181	3,153	44.6%	--	--	--	116	128	10.3%
17-3029--Engineering technicians, except drafters, all other	5,827	8,353	43.3%	195	253	29.7%	19,505	20,283	4.0%
17-3031--Surveying and mapping technicians	1,269	1,456	14.7%	--	--	--	1,643	1,607	-2.2%
19-0000--Life, physical, and social science occupations	27,378	40,383	47.5%	71,997	94,752	31.6%	154,507	161,434	4.5%
19-1000--Life scientists	2,114	3,388	60.3%	14,789	19,967	35.0%	40,053	42,689	6.6%
19-1010--Agricultural and food scientists	280	393	40.4%	--	--	--	2,843	2,961	4.2%
19-1011--Animal scientists	--	--	--	--	--	--	--	--	--
19-1012--Food scientists and technologists	--	--	--	--	--	--	161	173	7.5%
19-1013--Soil and plant Scientists	210	280	33.3%	--	--	--	2,682	2,788	4.0%
19-1020--Biological scientists	725	1,189	64.0%	2,271	2,858	25.8%	24,067	26,336	9.4%
19-1021--Biochemists and biophysicists	154	248	61.0%	680	800	17.6%	438	456	4.1%
19-1022--Microbiologists	--	--	--	1,145	1,434	25.2%	2,378	2,721	14.4%
19-1023--Zoologists and wildlife biologists	--	--	--	--	--	--	4,498	4,680	4.0%

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STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	560000--Admin. and Support & Waste Mgmt. & Remediation Svcs.			620000--Health Services and Social Assistance			910000--Federal Government		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	446	751	68.4%	446	624	39.9%	16,753	18,480	10.3%
19-1030--Conservation scientists and foresters	120	158	31.7%	--	--	--	10,930	10,857	-0.7%
19-1031--Conservation scientists	--	--	--	--	--	--	8,227	8,173	-0.7%
19-1032--Foresters	--	--	--	--	--	--	2,703	2,685	-0.7%
19-1040--Medical scientists	457	783	71.3%	11,197	15,472	38.2%	2,213	2,533	14.5%
19-1041--Epidemiologists	--	--	--	440	519	18.0%	--	--	--
19-1042--Medical scientists except epidemiologists	358	622	73.7%	10,756	14,953	39.0%	2,213	2,533	14.5%
19-1099--Life scientists, all other	532	865	62.6%	1,265	1,567	23.9%	--	--	--
19-2000--Physical scientists	5,025	7,056	40.4%	2,382	2,816	18.2%	31,499	32,607	3.5%
19-2010--Astronomers and Physicists	359	451	25.6%	971	1,117	15.0%	4,012	3,935	-1.9%
19-2011--Astronomers	--	--	--	--	--	--	453	471	4.0%
19-2012--Physicists	359	451	25.6%	971	1,117	15.0%	3,559	3,463	-2.7%
19-2021--Atmospheric and space scientists	--	--	--	--	--	--	2,890	3,007	4.0%
19-2030--Chemists and materials scientists	2,488	3,526	41.7%	639	761	19.1%	6,152	6,140	-0.2%
19-2031--Chemists	2,462	3,490	41.8%	624	742	18.9%	6,064	6,049	-0.2%
19-2032--Materials scientists	--	--	--	--	--	--	--	--	--
19-2040--Environmental scientists and geoscientists	1,846	2,579	39.7%	597	719	20.4%	10,984	11,768	7.1%
19-2041--Environmental scientists and specialists, including health	1,634	2,264	38.6%	597	719	20.4%	5,647	6,027	6.7%
19-2042--Geoscientists, except hydrologists and geographers	205	303	47.8%	--	--	--	2,887	2,938	1.8%
19-2043--Hydrologists	--	--	--	--	--	--	2,450	2,803	14.4%
19-2099--Physical scientists, all other	270	426	57.8%	159	202	27.0%	7,461	7,757	4.0%
19-3000--Social scientists and related occupations	6,920	9,218	33.2%	44,506	59,471	33.6%	29,602	30,707	3.7%
19-3011--Economists	154	190	23.4%	--	--	--	4,311	4,477	3.9%
19-3020--Market and survey researchers	6,396	8,474	32.5%	4,432	5,901	33.1%	1,599	1,658	3.7%
19-3021--Market research analysts	5,633	7,609	35.1%	4,387	5,847	33.3%	1,599	1,658	3.7%
19-3022--Survey researchers	762	865	13.5%	--	--	--	--	--	--
19-3030--Psychologists	222	336	51.4%	38,261	51,285	34.0%	3,826	3,980	4.0%
19-3031--Clinical, counseling, and school psychologists	188	284	51.1%	36,843	49,442	34.2%	--	--	--
19-3032--Industrial-organizational psychologists	--	--	--	131	170	29.8%	--	--	--
19-3039--Psychologists, all other	--	--	--	1,287	1,673	30.0%	3,816	3,970	4.0%
19-3041--Sociologists	--	--	--	164	173	5.5%	--	--	--
19-3051--Urban and regional planners	--	--	--	--	--	--	554	576	4.0%

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STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	560000--Admin. and Support & Waste Mgmt. & Remediation Svcs.			620000--Health Services and Social Assistance			910000--Federal Government		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	128	188	46.9%	1,625	2,084	28.2%	19,270	19,977	3.7%
19-3091--Anthropologists and archeologists	--	--	--	--	--	--	1,375	1,430	4.0%
19-3092--Geographers	--	--	--	--	--	--	595	613	3.0%
19-3093--Historians	--	--	--	--	--	--	581	549	-5.5%
19-3094--Political scientists	--	--	--	--	--	--	3,367	3,501	4.0%
19-3099--Social scientists and related workers, all other	119	175	47.1%	1,613	2,071	28.4%	13,351	13,884	4.0%
19-4000--Life, physical, and social science technicians	13,319	20,722	55.6%	10,320	12,498	21.1%	53,353	55,431	3.9%
19-4011--Agricultural and food science technicians	--	--	--	--	--	--	--	--	--
19-4021--Biological technicians	535	857	60.2%	4,021	4,963	23.4%	12,007	12,423	3.5%
19-4031--Chemical technicians	1,575	2,383	51.3%	601	724	20.5%	121	126	4.1%
19-4041--Geological and petroleum technicians	--	--	--	--	--	--	--	--	--
19-4051--Nuclear technicians	909	1,275	40.3%	499	667	33.7%	--	--	--
19-4061--Social science research assistants	--	--	--	280	334	19.3%	--	--	--
19-4090--Other life, physical, and social science technicians	10,167	16,005	57.4%	4,850	5,721	18.0%	41,225	42,883	4.0%
19-4091--Environmental science & protection technicians, incl. health	1,389	1,794	29.2%	1,278	1,372	7.4%	333	324	-2.7%
19-4092--Forensic science technicians	--	--	--	--	--	--	--	--	--
19-4093--Forest and conservation technicians	--	--	--	--	--	--	24,549	25,539	4.0%
19-4099--Life, physical, and social science technicians, all other	8,706	14,122	62.2%	3,475	4,202	20.9%	16,247	16,902	4.0%

Source: Bureau of Labor Statistics

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STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	920000--State Government			930000--Local Government			000601--Self-Employed Workers, Primary Job		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
00-0000--Total, all occupations	4,985,403	5,534,300	11.0%	13,905,503	15,484,800	11.4%	10,430,918	10,736,500	2.9%
STEM-Related Executive and Management Positions:									
11-3021--Computer and information systems managers	11,596	13,930	20.1%	10,406	12,373	18.9%	2,539	2,773	9.2%
11-9041--Engineering managers	3,014	3,447	14.4%	5,291	6,474	22.4%	967	1,125	16.3%
11-9121--Natural sciences managers	4,502	5,082	12.9%	985	1,127	14.4%	--	--	--
STEM Professions:									
15-0000--Computer and mathematical science occupations	148,841	180,612	21.3%	124,194	149,662	20.5%	105,635	123,887	17.3%
15-1000--Computer specialists	140,628	171,732	22.1%	122,041	147,531	20.9%	104,796	123,145	17.5%
15-1011--Computer and information scientists, research	576	687	19.3%	--	--	--	976	1,018	4.3%
15-1021--Computer programmers	19,939	18,742	-6.0%	11,313	10,451	-7.6%	19,265	16,393	-14.9%
15-1030--Computer software engineers	14,752	20,211	37.0%	8,718	11,868	36.1%	18,132	22,549	24.4%
15-1041--Computer support specialists	28,155	32,782	16.4%	43,061	47,935	11.3%	2,328	2,428	4.3%
15-1051--Computer systems analysts	35,847	44,865	25.2%	20,044	24,927	24.4%	19,673	22,575	14.8%
15-1061--Database Administrators	4,107	5,468	33.1%	5,503	7,365	33.8%	407	484	18.9%
15-1071--Network and computer systems administrators	13,066	17,919	37.1%	20,006	26,384	31.9%	1,909	2,292	20.1%
15-1081--Network systems and data communications analysts	9,237	14,054	52.1%	7,832	12,344	57.6%	34,056	47,008	38.0%
15-1099--Computer specialists, all other	14,949	17,004	13.7%	5,469	6,143	12.3%	8,050	8,397	4.3%
15-2000--Mathematical science occupations	8,213	8,881	8.1%	2,152	2,131	-1.0%	839	743	-11.4%
15-2011--Actuaries	373	411	10.2%	119	136	14.3%	--	--	--
15-2021--Mathematicians	246	210	-14.6%	--	--	--	--	--	--
15-2031--Operations research analysts	3,830	4,141	8.1%	1,169	1,164	-0.4%	--	--	--
15-2041--Statisticians	3,065	3,407	11.2%	771	739	-4.2%	808	714	-11.6%
15-2099--Mathematical scientists, all other	309	315	1.9%	--	--	--	--	--	--
15-2091--Mathematical technicians	390	397	1.8%	--	--	--	--	--	--
17-2000--Engineers (except sales engineers, surveyors, or technicians)	58,299	66,861	14.7%	45,272	55,059	21.6%	33,678	36,647	8.8%
17-2011--Aerospace engineers	183	204	11.5%	--	--	--	--	--	--
17-2021--Agricultural engineers	247	291	17.8%	519	593	14.3%	--	--	--
17-2031--Biomedical engineers	422	549	30.1%	186	215	15.6%	--	--	--
17-2041--Chemical engineers	284	362	27.5%	138	170	23.2%	--	--	--
17-2051--Civil engineers	36,156	40,103	10.9%	29,565	36,168	22.3%	11,723	12,598	7.5%
17-2061--Computer hardware engineers	1,197	1,504	25.6%	168	196	16.7%	109	114	4.6%
17-2071--Electrical engineers	2,020	2,607	29.1%	3,369	3,854	14.4%	3,270	3,512	7.4%
17-2072--Electronics engineers, except computer	1,225	1,503	22.7%	412	494	19.9%	2,861	3,074	7.4%
17-2081--Environmental engineers	5,883	7,084	20.4%	3,777	4,621	22.3%	157	180	14.6%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	1,683	1,866	10.9%	1,613	1,965	21.8%	147	161	9.5%
17-2112--Industrial engineers	218	286	31.2%	444	590	32.9%	654	791	20.9%

Data Archive 102

STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	92000--State Government			93000--Local Government			000601--Self-Employed Workers, Primary Job		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
17-2121--Marine engineers and naval architects	116	131	12.9%	--	--	--	--	--	--
17-2031--Materials engineers	493	632	28.2%	--	--	--	--	--	--
17-2141--Mechanical engineers	1,951	2,567	31.6%	1,046	1,342	28.3%	5,314	5,701	7.3%
17-2151--Mining and geological engineers, incl. mining safety engineers	360	390	8.3%	--	--	--	--	--	--
17-2161--Nuclear engineers	--	--	--	152	136	-10.5%	--	--	--
17-2171--Petroleum engineers	--	--	--	--	--	--	1,147	1,174	2.4%
17-2199--Engineers, all other	5,694	6,622	16.3%	3,680	4,477	21.7%	8,296	9,341	12.6%
41-9031--Sales engineers	--	--	--	--	--	--	547	619	13.2%
17-1020--Surveyors, cartographers, and photogrammetrists	2,621	2,875	9.7%	5,677	6,565	15.6%	1,535	1,594	3.8%
17-3000--Drafters, engineering, and mapping technicians	44,389	49,629	11.8%	38,824	45,229	16.5%	15,822	16,210	2.5%
17-3010--Drafters	3,496	3,724	6.5%	3,473	3,820	10.0%	11,381	11,663	2.5%
17-3011--Architectural and civil drafters	1,619	1,617	-0.1%	2,521	2,767	9.8%	5,254	5,381	2.4%
17-3012--Electrical and electronics drafters	421	432	2.6%	367	387	5.4%	1,878	1,921	2.3%
17-3013--Mechanical drafters	--	--	--	217	248	14.3%	3,589	3,673	2.3%
17-3019--Drafters, all other	1,377	1,583	15.0%	367	418	13.9%	659	688	4.4%
17-3020--Engineering technicians, except drafters	38,975	43,964	12.8%	27,331	32,077	17.4%	1,722	1,903	10.5%
17-3021--Aerospace engineering and operations technicians	112	131	17.0%	--	--	--	--	--	--
17-3022--Civil engineering technicians	27,712	30,668	10.7%	16,833	19,243	14.3%	292	305	4.5%
17-3023--Electrical and electronic engineering technicians	2,923	3,558	21.7%	5,632	6,874	22.1%	646	713	10.4%
17-3024--Electro-mechanical technicians	188	220	17.0%	--	--	--	100	105	5.0%
17-3025--Environmental engineering technicians	655	720	9.9%	2,078	2,541	22.3%	--	--	--
17-3026--Industrial engineering technicians	--	--	--	--	--	--	196	229	16.8%
17-3027--Mechanical engineering technicians	253	329	30.0%	354	444	25.4%	175	201	14.9%
17-3029--Engineering technicians, except drafters, all other	7,082	8,273	16.8%	2,273	2,780	22.3%	204	236	15.7%
17-3031--Surveying and mapping technicians	1,918	1,941	1.2%	8,020	9,333	16.4%	2,719	2,644	-2.8%
19-0000--Life, physical, and social science occupations	174,124	202,652	16.4%	111,539	131,268	17.7%	103,965	114,203	9.8%
19-1000--Life scientists	47,976	57,671	20.2%	8,183	9,479	15.8%	14,539	15,626	7.5%
19-1010--Agricultural and food scientists	3,838	4,669	21.7%	710	816	14.9%	9,898	10,727	8.4%
19-1011--Animal scientists	923	1,094	18.5%	--	--	--	859	896	4.3%
19-1012--Food scientists and technologists	586	718	22.5%	--	--	--	2,978	3,215	8.0%
19-1013--Soil and plant Scientists	2,329	2,857	22.7%	596	683	14.6%	6,061	6,615	9.1%
19-1020--Biological scientists	15,439	17,944	16.2%	1,389	1,594	14.8%	1,143	1,213	6.1%
19-1021--Biochemists and biophysicists	1,394	1,643	17.9%	--	--	--	254	265	4.3%
19-1022--Microbiologists	2,487	2,840	14.2%	617	699	13.3%	249	260	4.4%
19-1023--Zoologists and wildlife biologists	6,927	7,706	11.2%	352	402	14.2%	226	236	4.4%

Data Archive 102

STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	92000--State Government			93000--Local Government			000601--Self-Employed Workers, Primary Job		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-1029--Biological scientists, all other	4,631	5,755	24.3%	327	389	19.0%	414	452	9.2%
19-1030--Conservation scientists and foresters	6,699	7,425	10.8%	3,531	4,028	14.1%	2,937	3,064	4.3%
19-1031--Conservation scientists	3,093	3,428	10.8%	2,417	2,755	14.0%	1,704	1,778	4.3%
19-1032--Foresters	3,606	3,998	10.9%	1,114	1,273	14.3%	1,233	1,286	4.3%
19-1040--Medical scientists	15,365	19,856	29.2%	2,184	2,625	20.2%	395	449	13.7%
19-1041--Epidemiologists	1,688	1,872	10.9%	694	791	14.0%	--	--	--
19-1042--Medical scientists except epidemiologists	13,676	17,984	31.5%	1,489	1,834	23.2%	370	423	14.3%
19-1099--Life scientists, all other	6,635	7,777	17.2%	369	417	13.0%	166	173	4.2%
19-2000--Physical scientists	39,222	45,231	15.3%	13,484	16,463	22.1%	5,053	5,432	7.5%
19-2010--Astronomers and Physicists	1,723	1,982	15.0%	--	--	--	--	--	--
19-2011--Astronomers	146	171	17.1%	--	--	--	--	--	--
19-2012--Physicists	1,576	1,812	15.0%	--	--	--	--	--	--
19-2021--Atmospheric and space scientists	570	666	16.8%	--	--	--	--	--	--
19-2030--Chemists and materials scientists	4,956	5,466	10.3%	2,273	2,469	8.6%	--	--	--
19-2031--Chemists	4,552	4,981	9.4%	2,266	2,460	8.6%	--	--	--
19-2032--Materials scientists	405	485	19.8%	--	--	--	--	--	--
19-2040--Environmental scientists and geoscientists	26,622	30,640	15.1%	10,846	13,590	25.3%	4,188	4,529	8.1%
19-2041--Environmental scientists and specialists, including health	21,785	25,088	15.2%	10,353	12,994	25.5%	2,706	2,904	7.3%
19-2042--Geoscientists, except hydrologists and geographers	3,621	4,084	12.8%	122	137	12.3%	1,151	1,252	8.8%
19-2043--Hydrologists	1,216	1,468	20.7%	371	459	23.7%	331	373	12.7%
19-2099--Physical scientists, all other	5,352	6,477	21.0%	239	273	14.2%	865	902	4.3%
19-3000--Social scientists and related occupations	29,833	32,917	10.3%	70,911	82,893	16.9%	82,758	91,471	10.5%
19-3011--Economists	2,195	2,328	6.1%	848	854	0.7%	--	--	--
19-3020--Market and survey researchers	3,198	3,662	14.5%	1,364	1,551	13.7%	15,891	16,326	2.7%
19-3021--Market research analysts	1,318	1,492	13.2%	1,286	1,467	14.1%	13,812	14,408	4.3%
19-3022--Survey researchers	1,880	2,170	15.4%	--	--	--	2,079	1,918	-7.7%
19-3030--Psychologists	11,626	12,114	4.2%	43,594	51,898	19.0%	63,166	71,380	13.0%
19-3031--Clinical, counseling, and school psychologists	10,784	11,153	3.4%	43,213	51,477	19.1%	59,834	67,754	13.2%
19-3032--Industrial-organizational psychologists	--	--	--	--	--	--	813	999	22.9%
19-3039--Psychologists, all other	781	894	14.5%	349	385	10.3%	2,519	2,628	4.3%
19-3041--Sociologists	1,024	1,064	3.9%	314	308	-1.9%	602	553	-8.1%
19-3051--Urban and regional planners	2,995	3,306	10.4%	23,118	26,428	14.3%	--	--	--

Data Archive 102

STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles								
	920000--State Government			930000--Local Government			000601--Self-Employed Workers, Primary Job		
	2004	2014	Change	2004	2014	Change	2004	2014	Change
19-3090--Miscellaneous social scientists and related workers	8,795	10,443	18.7%	1,673	1,854	10.8%	3,099	3,212	3.6%
19-3091--Anthropologists and archeologists	409	458	12.0%	--	--	--	180	188	4.4%
19-3092--Geographers	--	--	--	--	--	--	--	--	--
19-3093--Historians	375	378	0.8%	444	460	3.6%	--	--	--
19-3094--Political scientists	112	126	12.5%	--	--	--	221	217	-1.8%
19-3099--Social scientists and related workers, all other	7,831	9,401	20.0%	1,114	1,267	13.7%	2,578	2,691	4.4%
19-4000--Life, physical, and social science technicians	57,092	66,833	17.1%	18,962	22,433	18.3%	1,615	1,675	3.7%
19-4011--Agricultural and food science technicians	9,302	10,971	17.9%	162	186	14.8%	--	--	--
19-4021--Biological technicians	11,273	13,147	16.6%	806	906	12.4%	--	--	--
19-4031--Chemical technicians	1,234	1,447	17.3%	884	1,012	14.5%	--	--	--
19-4041--Geological and petroleum technicians	548	628	14.6%	--	--	--	182	190	4.4%
19-4051--Nuclear technicians	--	--	--	--	--	--	--	--	--
19-4061--Social science research assistants	4,858	5,909	21.6%	778	823	5.8%	--	--	--
19-4090--Other life, physical, and social science technicians	29,808	34,649	16.2%	16,252	19,414	19.5%	1,340	1,396	4.2%
19-4091--Environmental science & protection technicians, incl. health	4,949	5,089	2.8%	6,704	7,237	8.0%	192	188	-2.1%
19-4092--Forensic science technicians	3,419	4,530	32.5%	5,370	7,370	37.2%	--	--	--
19-4093--Forest and conservation technicians	4,146	4,600	11.0%	1,599	1,827	14.3%	132	138	4.5%
19-4099--Life, physical, and social science technicians, all other	17,294	20,430	18.1%	2,580	2,980	15.5%	958	999	4.3%

Source: Bureau of Labor Statistics

Data Archive 102

STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles				
	All Other Employers				
	2004	2014	Change	% 2004	% 2014
00-0000--Total, all occupations	26,531,406	30,667,701	15.6%	18.2%	18.6%
STEM-Related Executive and Management Positions:					
11-3021--Computer and information systems managers	15,754	20,665	31.2%	5.6%	5.9%
11-9041--Engineering managers	1,375	1,905	38.5%	0.7%	0.9%
11-9121--Natural sciences managers	1,583	1,998	26.2%	3.8%	4.2%
STEM Professions:					
15-0000--Computer and mathematical science occupations	163,208	209,225	28.2%	5.2%	5.1%
15-1000--Computer specialists	159,101	204,758	28.7%	5.2%	5.1%
15-1011--Computer and information scientists, research	925	1,074	16.1%	4.1%	3.8%
15-1021--Computer programmers	21,953	21,469	-2.2%	4.8%	4.6%
15-1030--Computer software engineers	13,211	18,495	40.0%	1.7%	1.6%
15-1041--Computer support specialists	40,582	50,851	25.3%	7.8%	8.0%
15-1051--Computer systems analysts	20,357	25,919	27.3%	4.2%	4.1%
15-1061--Database Administrators	9,188	13,255	44.3%	8.8%	9.2%
15-1071--Network and computer systems administrators	19,625	28,734	46.4%	7.0%	7.5%
15-1081--Network systems and data communications analysts	26,238	36,934	40.8%	11.3%	10.3%
15-1099--Computer specialists, all other	7,243	8,294	14.5%	4.9%	4.7%
15-2000--Mathematical science occupations	4,266	4,607	8.0%	4.0%	3.9%
15-2011--Actuaries	314	379	20.7%	1.8%	1.8%
15-2021--Mathematicians	192	176	-8.3%	7.6%	7.0%
15-2031--Operations research analysts	2,657	2,772	4.3%	4.6%	4.4%
15-2041--Statisticians	1,294	1,451	12.1%	6.8%	7.3%
15-2099--Mathematical scientists, all other	327	343	4.9%	3.8%	3.7%
15-2091--Mathematical technicians	446	501	12.3%	24.4%	26.6%
17-2000--Engineers (except sales engineers, surveyors, or technicians)	20,239	24,139	19.3%	1.4%	1.5%
17-2011--Aerospace engineers	1,329	1,685	26.8%	1.8%	2.1%
17-2021--Agricultural engineers	162	200	23.5%	4.8%	5.3%
17-2031--Biomedical engineers	1,098	1,274	16.0%	11.3%	10.1%
17-2041--Chemical engineers	350	490	40.0%	1.1%	1.4%
17-2051--Civil engineers	2,478	2,883	16.3%	1.0%	1.0%
17-2061--Computer hardware engineers	1,015	1,086	7.0%	1.3%	1.3%
17-2071--Electrical engineers	4,019	4,434	10.3%	2.6%	2.5%
17-2072--Electronics engineers, except computer	3,061	3,201	4.6%	2.1%	2.0%
17-2081--Environmental engineers	591	759	28.4%	1.2%	1.2%
17-2111--Health & safety engineers, exc. mining safety eng. & inspectors	409	517	26.4%	1.5%	1.7%
17-2112--Industrial engineers	750	1,016	35.5%	0.4%	0.5%

Data Archive 102

STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles				
	All Other Employers				
	2004	2014	Change	% 2004	% 2014
17-2121--Marine engineers and naval architects	204	248	21.6%	3.0%	3.4%
17-2031--Materials engineers	417	564	35.3%	1.9%	2.3%
17-2141--Mechanical engineers	2,579	3,389	31.4%	1.1%	1.4%
17-2151--Mining and geological engineers, incl. mining safety engineers	293	333	13.7%	5.6%	6.5%
17-2161--Nuclear engineers	350	339	-3.1%	2.0%	1.8%
17-2171--Petroleum engineers	221	238	7.7%	1.4%	1.5%
17-2199--Engineers, all other	2,633	3,552	34.9%	1.5%	1.8%
41-9031--Sales engineers	1,810	1,940	7.2%	2.5%	2.3%
17-1020--Surveyors, cartographers, and photogrammetrists	1,452	1,482	2.1%	2.2%	1.9%
17-3000--Drafters, engineering, and mapping technicians	13,082	14,792	13.1%	1.5%	1.6%
17-3010--Drafters	5,072	5,296	4.4%	2.0%	2.0%
17-3011--Architectural and civil drafters	2,476	2,590	4.6%	2.2%	2.2%
17-3012--Electrical and electronics drafters	924	856	-7.4%	2.5%	2.2%
17-3013--Mechanical drafters	1,862	2,024	8.7%	2.3%	2.3%
17-3019--Drafters, all other	418	469	12.2%	1.7%	1.7%
17-3020--Engineering technicians, except drafters	7,364	8,823	19.8%	1.4%	1.5%
17-3021--Aerospace engineering and operations technicians	397	468	17.9%	4.2%	4.5%
17-3022--Civil engineering technicians	1,463	1,678	14.7%	1.6%	1.6%
17-3023--Electrical and electronic engineering technicians	3,697	4,164	12.6%	2.0%	2.1%
17-3024--Electro-mechanical technicians	1,048	1,303	24.3%	5.5%	6.2%
17-3025--Environmental engineering technicians	332	396	19.3%	1.6%	1.6%
17-3026--Industrial engineering technicians	504	666	32.1%	0.7%	0.9%
17-3027--Mechanical engineering technicians	723	972	34.4%	1.5%	1.8%
17-3029--Engineering technicians, except drafters, all other	816	1,125	37.9%	0.9%	1.1%
17-3031--Surveying and mapping technicians	844	872	3.3%	1.3%	1.2%
19-0000--Life, physical, and social science occupations	95,909	119,071	24.1%	7.3%	7.8%
19-1000--Life scientists	22,005	28,947	31.5%	9.5%	10.3%
19-1010--Agricultural and food scientists	1,891	1,989	5.2%	6.3%	5.9%
19-1011--Animal scientists	418	481	15.1%	15.7%	16.0%
19-1012--Food scientists and technologists	705	807	14.5%	6.7%	6.9%
19-1013--Soil and plant Scientists	1,241	1,279	3.1%	7.3%	6.6%
19-1020--Biological scientists	4,041	4,837	19.7%	5.2%	5.4%
19-1021--Biochemists and biophysicists	696	1,053	51.3%	4.3%	5.4%
19-1022--Microbiologists	849	993	17.0%	5.6%	5.6%
19-1023--Zoologists and wildlife biologists	1,447	1,722	19.0%	8.8%	9.3%

Data Archive 102

STEM extracts from the National Employment Matrix, employment by (

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles				
	All Other Employers				
	2004	2014	Change	% 2004	% 2014
19-1029--Biological scientists, all other	1,582	2,008	26.9%	5.4%	5.8%
19-1030--Conservation scientists and foresters	4,216	4,547	7.9%	13.3%	13.5%
19-1031--Conservation scientists	2,506	2,766	10.4%	13.5%	14.0%
19-1032--Foresters	1,855	1,962	5.8%	14.1%	14.0%
19-1040--Medical scientists	10,941	16,297	49.0%	14.2%	15.8%
19-1041--Epidemiologists	290	386	33.1%	6.1%	6.4%
19-1042--Medical scientists except epidemiologists	10,828	16,153	49.2%	14.9%	16.6%
19-1099--Life scientists, all other	1,350	1,805	33.7%	8.7%	9.7%
19-2000--Physical scientists	7,652	9,427	23.2%	3.1%	3.4%
19-2010--Astronomers and Physicists	1,230	1,528	24.2%	7.8%	9.1%
19-2011--Astronomers	157	193	22.9%	20.8%	23.1%
19-2012--Physicists	1,162	1,436	23.6%	7.8%	9.0%
19-2021--Atmospheric and space scientists	395	489	23.8%	5.3%	5.7%
19-2030--Chemists and materials scientists	5,502	6,082	10.5%	6.1%	6.3%
19-2031--Chemists	4,926	5,409	9.8%	6.0%	6.1%
19-2032--Materials scientists	760	877	15.4%	10.1%	10.8%
19-2040--Environmental scientists and geoscientists	3,032	3,803	25.4%	2.8%	3.0%
19-2041--Environmental scientists and specialists, including health	2,515	3,236	28.7%	3.4%	3.8%
19-2042--Geoscientists, except hydrologists and geographers	646	660	2.2%	2.3%	2.2%
19-2043--Hydrologists	326	390	19.6%	4.1%	3.7%
19-2099--Physical scientists, all other	1,903	2,337	22.8%	6.6%	7.1%
19-3000--Social scientists and related occupations	35,879	42,239	17.7%	7.3%	7.3%
19-3011--Economists	1,110	1,138	2.5%	8.7%	8.5%
19-3020--Market and survey researchers	15,715	18,638	18.6%	7.4%	7.3%
19-3021--Market research analysts	13,874	16,558	19.3%	7.3%	7.3%
19-3022--Survey researchers	2,170	2,430	12.0%	9.7%	8.6%
19-3030--Psychologists	15,490	18,108	16.9%	8.7%	8.5%
19-3031--Clinical, counseling, and school psychologists	14,603	17,072	16.9%	8.8%	8.6%
19-3032--Industrial-organizational psychologists	389	458	17.7%	15.9%	15.6%
19-3039--Psychologists, all other	771	899	16.6%	7.8%	8.3%
19-3041--Sociologists	451	485	7.5%	10.0%	10.3%
19-3051--Urban and regional planners	798	934	17.0%	2.5%	2.5%

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STEM extracts from the National Employment Matrix, employment by

Notes: Subgroups may not sum to exact totals due to effects of rounding. Dashes d

SOC codes and Occupational Titles	NAICS Codes and Industry Titles				
	All Other Employers				
	2004	2014	Change	% 2004	% 2014
19-3090--Miscellaneous social scientists and related workers	3,186	3,814	19.7%	6.2%	6.7%
19-3091--Anthropologists and archeologists	325	389	19.7%	6.6%	6.8%
19-3092--Geographers	249	288	15.7%	29.5%	32.0%
19-3093--Historians	590	632	7.1%	22.6%	23.2%
19-3094--Political scientists	920	1,073	16.6%	18.1%	19.6%
19-3099--Social scientists and related workers, all other	1,927	2,367	22.8%	5.1%	5.6%
19-4000--Life, physical, and social science technicians	30,472	38,584	26.6%	8.9%	9.9%
19-4011--Agricultural and food science technicians	3,998	4,276	7.0%	17.7%	16.7%
19-4021--Biological technicians	7,943	10,711	34.8%	12.3%	14.2%
19-4031--Chemical technicians	1,348	1,801	33.6%	2.2%	2.8%
19-4041--Geological and petroleum technicians	241	315	30.7%	2.2%	2.7%
19-4051--Nuclear technicians	458	590	28.8%	6.3%	7.1%
19-4061--Social science research assistants	3,244	4,065	25.3%	18.3%	19.6%
19-4090--Other life, physical, and social science technicians	14,494	18,333	26.5%	9.3%	10.0%
19-4091--Environmental science & protection technicians, incl. health	1,243	1,368	10.1%	4.0%	3.8%
19-4092--Forensic science technicians	502	640	27.5%	5.1%	4.8%
19-4093--Forest and conservation technicians	814	901	10.7%	2.5%	2.6%
19-4099--Life, physical, and social science technicians, all other	12,544	16,169	28.9%	15.1%	16.2%

Source: Bureau of Labor Statistics