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**Employed Persons by Detailed STEM Occupations,
1983 to 2002, Annual Averages**

(Numbers in thousands; components may not sum to exact aggregate values due to rounding errors; all aggregates preserved as far as feasible)

STEM FIELDS: TOTAL, BOTH SEXES Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
All employed persons, 16 years and over	136,485	136,933	136,891	133,488	131,463	129,558	126,708	124,900	123,060	120,259
Managerial and professional specialty occupations	42,482	42,271	41,337	40,467	38,937	37,686	36,497	35,318	33,847	32,231
Professional specialty occupations	21,921	21,765	21,368	20,883	19,883	19,245	18,752	18,132	17,536	16,893
Summary lines:										
All STEM fields combined	7,262	7,620	7,614	7,256	6,979	6,705	6,346	6,147	6,082	5,738
All STEM fields except social sciences	6,730	7,081	7,057	6,701	6,447	6,173	5,824	5,614	5,554	5,255
All STEM fields except science and engineering technicians	5,991	6,300	6,331	5,990	5,724	5,458	5,182	4,991	4,900	4,599
All STEM fields except social scientists and technicians	5,459	5,761	5,774	5,435	5,192	4,926	4,660	4,458	4,372	4,116
Natural scientists, incl. postsecondary teachers, & scientific technicians	934	989	958	975	896	907	869	889	890	891
Natural scientists, including postsecondary teachers	643	694	685	682	611	620	624	613	624	627
Physicists, astronomers, and postsecondary physics teachers	42	42	47	48	40	39	39	47	41	38
Physicists and astronomers	26	25	25	31	28	26	29	31	26	28
Postsecondary physics teachers	16	17	22	17	12	13	10	16	15	10
Chemists, including postsecondary chemistry teachers	147	186	177	155	148	158	162	159	163	158
Chemists, except biochemists	130	165	157	136	133	144	149	140	144	134
Postsecondary chemistry teachers	17	21	20	19	15	14	13	19	19	24
Biological and life scientists, including postsecondary teachers	149	162	149	150	139	133	148	145	152	149
Biological and life scientists, including biochemists	119	127	116	109	104	106	116	110	120	115
Postsecondary biological science teachers	30	35	33	41	35	27	32	35	32	34
Medical scientists, including postsecondary teachers	109	116	103	117	100	96	97	73	75	97
Medical scientists	89	101	87	100	83	77	73	61	62	83
Postsecondary medical science teachers	20	15	16	17	17	19	24	12	13	14
Agricultural and forestry scientists, including postsecondary teachers	81	67	83	76	68	72	65	68	80	70
Agricultural and food scientists	51	36	53	48	38	38	37	42	38	34
Forestry and conservation scientists	25	26	22	25	24	28	26	24	38	32
Postsecondary agriculture and forestry teachers	5	5	8	3	6	6	2	2	4	4
Other natural sciences, including postsecondary teachers	115	120	125	135	117	121	113	121	113	114
Atmospheric and space scientists	10	13	12	9	9	10	10	7	13	11
Geologists and geodesists	48	48	48	56	63	59	48	60	57	54
Physical scientists, n.e.c.	47	48	55	63	38	40	48	44	37	43
Postsecondary earth, environmental, and marine science teachers	9	8	6	4	5	9	3	7	5	5
Postsecondary natural science teachers, n.e.c.	1	3	4	3	2	3	4	3	1	1
Science technicians	291	295	273	293	285	287	245	276	266	264
Biological technicians	131	127	109	106	108	106	79	96	89	86
Chemical technicians	64	69	71	79	75	85	78	84	77	74
Science technicians, n.e.c.	96	99	93	108	102	96	87	96	100	104

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STEM FIELDS: TOTAL, BOTH SEXES Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
All employed persons, 16 years and over	118,492	117,718	118,793	117,342	114,968	112,440	109,597	107,150	105,005	100,834
Managerial and professional specialty occupations	31,085	30,934	30,602	30,398	29,190	27,742	26,554	25,851	24,858	23,592
Professional specialty occupations	16,363	16,030	15,800	15,550	14,974	14,426	13,911	13,630	13,286	12,820
Summary lines:										
All STEM fields combined	5,568	5,646	5,615	5,444	5,266	5,004	5,029	4,828	4,599	4,401
All STEM fields except social sciences	5,102	5,176	5,178	4,999	4,844	4,605	4,647	4,470	4,240	4,058
All STEM fields except science and engineering technicians	4,400	4,450	4,382	4,290	4,120	3,904	3,884	3,713	3,539	3,377
All STEM fields except social scientists and technicians	3,934	3,980	3,945	3,845	3,698	3,505	3,502	3,355	3,180	3,034
Natural scientists, incl. postsecondary teachers, & scientific technicians	791	774	722	696	684	670	669	670	631	637
Natural scientists, including postsecondary teachers	549	531	479	479	468	466	461	459	431	435
Physicists, astronomers, and postsecondary physics teachers	37	42	43	39	40	42	42	40	39	38
Physicists and astronomers	26	26	28	28	28	27	30	27	30	30
Postsecondary physics teachers	11	16	15	11	12	15	12	13	9	8
Chemists, including postsecondary chemistry teachers	143	142	139	134	138	132	139	129	114	116
Chemists, except biochemists	121	128	126	122	125	120	123	111	101	98
Postsecondary chemistry teachers	22	14	13	12	13	12	16	18	13	18
Biological and life scientists, including postsecondary teachers	128	132	99	96	101	95	90	90	86	81
Biological and life scientists, including biochemists	96	99	75	77	75	71	65	64	60	55
Postsecondary biological science teachers	32	33	24	19	26	24	25	26	26	26
Medical scientists, including postsecondary teachers	77	58	57	59	47	54	43	47	41	40
Medical scientists	67	46	43	46	39	41	30	33	31	27
Postsecondary medical science teachers	10	12	14	13	8	13	13	14	10	13
Agricultural and forestry scientists, including postsecondary teachers	62	58	53	63	60	61	65	65	59	67
Agricultural and food scientists	31	25	23	23	22	32	30	22	21	28
Forestry and conservation scientists	26	26	25	35	34	26	31	37	33	34
Postsecondary agriculture and forestry teachers	5	7	5	5	4	3	4	6	5	5
Other natural sciences, including postsecondary teachers	101	99	89	89	84	82	81	89	93	93
Atmospheric and space scientists	7	12	8	9	10	12	10	11	15	10
Geologists and geodesists	51	56	52	52	50	46	49	58	58	65
Physical scientists, n.e.c.	35	22	23	22	14	13	15	14	12	10
Postsecondary earth, environmental, and marine science teachers	6	3	4	5	8	8	6	5	7	7
Postsecondary natural science teachers, n.e.c.	2	6	2	1	2	3	1	1	1	1
Science technicians	242	243	243	217	216	204	208	211	200	202
Biological technicians	80	65	69	59	55	59	55	54	55	52
Chemical technicians	77	89	85	74	81	73	78	88	72	82
Science technicians, n.e.c.	84	89	89	84	80	72	74	70	73	68

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STEM FIELDS: TOTAL, BOTH SEXES Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Math and computer scientists, plus programmers and postsecondary mathematics and computer science teachers	2,702	2,868	2,889	2,574	2,432	2,188	1,977	1,819	1,797	1,702
Computer systems analysts and scientists, plus programmers and postsecondary computer science teachers	2,372	2,536	2,562	2,231	2,108	1,883	1,674	1,511	1,483	1,372
Computer systems analysts and scientists	1,742	1,835	1,829	1,549	1,471	1,236	1,093	933	916	772
Computer programmers	605	667	710	665	613	626	561	553	549	582
Postsecondary computer science teachers	25	34	23	17	24	21	20	25	18	18
Operations and systems researchers and analysts	238	233	228	241	212	201	209	217	222	235
Actuaries	16	21	22	25	25	21	16	17	15	15
Statisticians	28	28	25	25	33	27	22	21	27	26
Mathematical scientists, n.e.c.	5	7	6	7	7	8	6	7	6	5
Postsecondary mathematical science teachers	43	42	47	45	48	47	51	46	44	49
Engineers and surveyors, including postsecondary teachers, and engineering technicians	3,094	3,224	3,210	3,152	3,119	3,078	2,978	2,906	2,867	2,662
Engineers and surveyors, including postsecondary teachers	2,114	2,199	2,200	2,179	2,149	2,118	2,059	2,026	1,951	1,787
Engineers, including postsecondary teachers	2,090	2,175	2,182	2,163	2,135	2,103	2,039	2,006	1,928	1,767
Aerospace engineers	90	86	77	79	86	87	80	78	75	82
Metallurgical and materials engineers	23	26	32	30	38	32	27	25	34	28
Mining engineers	6	3	2	6	6	8	6	6	7	6
Petroleum engineers	18	17	21	21	24	23	20	23	28	18
Chemical engineers	77	75	85	82	69	92	95	80	56	58
Nuclear engineers	8	11	12	10	9	10	12	14	11	10
Civil engineers	267	296	292	287	296	248	243	231	240	220
Agricultural engineers	3	0	2	4	6	2	2	3	3	2
Electrical and electronic engineers	677	740	738	639	629	652	601	611	556	533
Industrial engineers	235	258	246	260	262	258	257	250	245	201
Mechanical engineers	301	341	345	340	335	352	350	330	341	296
Marine engineers and naval architects	12	9	8	21	17	14	14	14	13	12
Engineers, n.e.c., including sales engineers (from 1992 onward)	347	288	291	341	316	291	297	304	287	272
Postsecondary engineering teachers	25	23	30	44	43	34	34	35	30	29
Surveyors and mapping scientists	24	24	18	15	14	15	21	20	23	20
Engineering and related technologists and technicians	980	1,025	1,010	973	970	960	919	880	916	875
Electrical and electronic technicians	433	486	472	437	431	391	361	334	316	299
Industrial engineering technicians	9	9	6	1	7	8	5	4	5	4
Mechanical engineering technicians	17	18	18	18	21	20	17	17	18	13
Drafting occupations	247	225	219	235	228	222	233	229	239	246
Surveying and mapping technicians	65	68	79	67	71	76	73	62	68	73
Engineering technicians, n.e.c.	209	219	216	215	212	243	230	234	270	241

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Math and computer scientists, plus programmers and postsecondary mathematics and computer science teachers	1,551	1,548	1,541	1,490	1,373	1,259	1,241	1,170	1,062	961
Computer systems analysts and scientists, plus programmers and postsecondary computer science teachers	1,263	1,249	1,227	1,149	1,071	985	950	908	829	731
Computer systems analysts and scientists	695	679	609	566	479	447	385	359	310	276
Computer programmers	553	551	600	561	570	527	549	534	507	443
Postsecondary computer science teachers	15	19	18	22	22	11	16	15	12	12
Operations and systems researchers and analysts	192	201	213	239	210	197	195	164	140	142
Actuaries	16	18	20	16	10	12	15	13	14	11
Statisticians	25	22	24	25	28	24	28	30	29	25
Mathematical scientists, n.e.c.	5	6	7	7	5	5	8	6	8	9
Postsecondary mathematical science teachers	45	50	51	54	49	36	45	50	42	43
Engineers and surveyors, including postsecondary teachers, and engineering technicians	2,760	2,854	2,915	2,813	2,787	2,676	2,737	2,630	2,547	2,460
Engineers and surveyors, including postsecondary teachers	1,834	1,901	1,925	1,876	1,857	1,780	1,800	1,726	1,687	1,638
Engineers, including postsecondary teachers	1,817	1,879	1,897	1,851	1,834	1,752	1,775	1,704	1,663	1,602
Aerospace engineers	88	102	110	112	115	104	93	95	80	80
Metallurgical and materials engineers	25	26	24	24	22	25	27	19	24	27
Mining engineers	6	7	6	4	6	6	9	9	6	8
Petroleum engineers	20	15	19	21	26	27	31	31	33	33
Chemical engineers	71	81	70	67	65	63	59	64	56	67
Nuclear engineers	8	11	11	10	13	16	10	12	17	17
Civil engineers	217	224	235	249	218	210	233	221	223	211
Agricultural engineers	2	3	4	3	2	2	3	4	7	5
Electrical and electronic engineers	530	566	587	571	573	545	550	544	491	450
Industrial engineers	204	200	204	199	221	221	203	178	192	210
Mechanical engineers	304	311	316	310	297	277	287	272	268	259
Marine engineers and naval architects	12	13	12	16	16	13	13	17	20	13
Engineers, n.e.c., including sales engineers (from 1992 onward)	302	291	272	238	230	221	229	217	211	192
Postsecondary engineering teachers	30	29	29	28	29	21	26	21	36	30
Surveyors and mapping scientists	15	22	27	24	23	29	25	22	24	35
Engineering and related technologists and technicians	926	953	990	937	930	896	937	904	860	822
Electrical and electronic technicians	332	352	357	326	322	305	328	304	273	260
Industrial engineering technicians	4	6	5	4	5	3	6	6	9	9
Mechanical engineering technicians	14	17	21	13	11	10	10	14	12	15
Drafting occupations	256	266	285	296	290	283	283	297	305	273
Surveying and mapping technicians	73	68	75	70	78	81	80	64	60	44
Engineering technicians, n.e.c.	247	244	246	228	224	214	229	219	200	221

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STEM FIELDS: TOTAL, BOTH SEXES Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Social scientists and urban planners, incl. postsecondary teachers	532	539	557	555	532	532	522	533	528	483
Psychologists, including postsecondary teachers	298	289	297	297	263	281	267	287	296	259
Psychologists	277	271	267	266	232	256	245	260	280	239
Postsecondary psychology teachers	21	18	30	31	31	25	22	27	16	20
Economists, including postsecondary teachers	136	155	161	164	159	156	168	167	129	140
Economists	123	135	141	141	137	135	148	148	106	117
Postsecondary economics teachers	13	20	20	23	22	21	20	19	23	23
Sociologists, including postsecondary teachers	10	12	16	11	14	13	14	13	16	15
Sociologists	1	3	2	2	4	5	5	5	5	4
Postsecondary sociology teachers	9	9	14	9	10	8	9	8	11	11
Other social scientists, including postsecondary teachers	88	84	83	83	96	82	73	66	86	69
Urban planners	18	17	19	20	17	19	14	17	21	14
Social scientists, n.e.c.	38	32	25	31	40	26	26	23	27	24
Postsecondary history teachers	14	17	19	17	20	18	20	11	16	14
Postsecondary political science teachers	11	11	15	9	12	11	10	9	10	10
Postsecondary social science teachers, n.e.c.	7	7	5	6	7	8	3	6	12	7

Note: Dashes indicate data are not available.
n.e.c. = not elsewhere classified

Source: Current Population Survey, Bureau of Labor Statistics

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STEM FIELDS: TOTAL, BOTH SEXES Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Social scientists and urban planners, incl. postsecondary teachers	466	470	437	445	422	399	382	358	359	343
Psychologists, including postsecondary teachers	242	250	224	228	216	189	180	169	158	151
Psychologists	222	229	209	210	196	171	165	150	137	135
Postsecondary psychology teachers	20	21	15	18	20	18	15	19	21	16
Economists, including postsecondary teachers	143	137	133	138	135	135	127	116	129	123
Economists	122	116	114	122	116	113	111	102	110	98
Postsecondary economics teachers	21	21	19	16	19	22	16	14	19	25
Sociologists, including postsecondary teachers	12	11	11	11	12	11	14	10	10	10
Sociologists	2	1	2	4	2	2	3	2	1	2
Postsecondary sociology teachers	10	10	9	7	10	9	11	8	9	8
Other social scientists, including postsecondary teachers	69	72	68	68	59	64	61	63	63	60
Urban planners	12	15	15	21	16	12	14	16	15	13
Social scientists, n.e.c.	28	24	22	17	13	18	19	16	16	14
Postsecondary history teachers	17	16	16	12	17	19	18	17	20	17
Postsecondary political science teachers	9	12	11	13	11	9	6	9	6	9
Postsecondary social science teachers, n.e.c.	3	5	4	5	2	6	4	5	6	7

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Source: Current Population Survey, Bureau of Labor Statistics