

TABLE 29. Postdoctoral appointees in engineering in all institutions, by engineering field: 1979–2011

Year	Metallurgical/															
	Aerospace Total engineering	Agricultural engineering	Architecture ^a	Biomedical engineering	Chemical engineering	Civil engineering ^a	Electrical engineering	Engineering science	Industrial engineering	Mechanical engineering	materials engineering	Mining engineering	Nuclear engineering	Petroleum engineering	Engineering, nec	
1979	1,067	32	29	na	28	192	128	142	74	8	143	209	5	20	6	51
1980	981	20	13	na	25	185	122	123	79	16	137	172	3	22	6	58
1981	1,040	14	12	na	32	173	103	191	87	13	130	194	16	26	2	47
1982	980	25	9	na	28	177	103	178	76	9	130	168	10	18	4	45
1983	1,108	32	5	na	27	199	131	180	71	13	182	204	19	15	1	29
1984	1,203	42	11	na	31	246	146	178	63	21	196	168	18	19	4	60
1985	1,356	51	16	na	46	274	122	183	90	18	207	245	19	31	6	48
1986	1,405	48	17	na	53	298	140	175	67	25	240	250	25	31	1	35
1987	1,446	43	29	na	44	312	174	177	41	26	216	283	26	20	10	45
1988	1,690	48	31	na	47	425	203	187	38	32	218	325	63	17	8	48
1989	1,928	38	39	na	69	477	182	193	74	32	304	323	90	36	9	62
1990	1,950	67	34	na	71	557	168	242	76	6	222	363	19	30	15	80
1991	2,262	77	37	na	59	576	186	346	117	27	326	392	11	29	19	60
1992	2,369	92	39	na	79	544	188	318	71	38	352	450	23	34	12	129
1993	2,446	116	44	na	80	529	181	388	78	63	358	403	19	40	13	134
1994	2,606	100	51	na	135	527	210	411	95	54	388	441	24	39	14	117
1995	2,648	101	51	na	129	576	201	381	101	30	410	490	19	28	9	122
1996	2,677	109	51	na	140	545	230	395	93	30	425	496	10	28	6	119
1997	2,971	125	62	na	154	636	248	508	115	28	440	465	11	33	21	125
1998	2,853	133	56	na	180	613	225	488	110	30	434	404	10	19	14	137
1999	3,196	128	62	na	242	671	299	548	122	27	476	421	6	30	19	145
2000	3,313	111	56	na	220	703	295	525	163	48	480	507	8	40	20	137
2001	3,152	128	58	na	262	574	268	436	162	21	501	479	14	77	17	155
2002	3,566	140	65	na	284	758	342	613	169	43	441	507	10	26	15	153
2003	3,810	141	85	na	388	686	300	646	180	45	543	539	12	49	17	179
2004	3,949	141	79	na	425	689	313	654	180	50	514	567	9	67	14	247
2005	4,166	153	89	na	477	702	384	689	168	51	562	578	8	41	13	251
2006	4,642	165	116	na	591	735	458	721	224	51	644	571	11	85	18	252
2007 ^{old^a}	4,908	178	139	na	640	758	419	885	192	73	725	555	4	77	22	241
2007 ^{new^a}	4,942	178	139	5	640	790	417	884	183	71	722	564	5	73	22	249
2008	5,462	154	135	11	710	880	465	987	214	115	784	605	5	85	28	284

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2009	6,416	168	110	22	960	1,084	535	1,025	226	109	948	758	4	90	36	341
2010 ^b	6,956	191	119	10	1,036	1,092	570	1,097	243	163	1,009	835	6	107	46	432
2011	6,764	195	129	17	1,076	1,137	551	1,062	233	121	896	861	4	109	35	338

na = not applicable; data were not collected at this level of detail.

nec = not elsewhere classified.

^a In 2007, eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of eligible units. "2007new" presents data as collected in 2007; "2007old" shows data as they would have been collected in prior years. "Architecture" is reported as a separate field of engineering in 2007new; data were reported under "civil engineering" in 2007old and previous years. See appendix A in <http://www.nsf.gov/statistics/nsf10307/> for more detail.

^b In 2010, the postdoc section of the survey was expanded, and significant effort was made to ensure that appropriate personnel were providing postdoc data (see appendix A for more information). Thus, for increases in 2010 or 2011 over 2009 and prior-year data, it is unclear how much is from growth in postdoctoral appointment and how much is from improved data collection. More information on changes in postdoc data will be available in forthcoming InfoBrief at <http://www.nsf.gov/statistics/gradpostdoc/>.

NOTES: For graduate students, "field" refers to the field of the reporting unit in which the student is enrolled. For postdocs, "field" refers to the field of the unit that reports postdocs to the GSS.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.