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Table 325.45. Degrees in engineering and engineering technologies conferred by postsecondary institutions, by level of degree and sex of student: Selected years, 1949-50 through 2013-14

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949-50	52,246	†	52,071	175	0.3	4,496	4,481	15	417	416	1
1959-60	37,679	†	37,537	142	0.4	7,159	7,133	26	786	783	3
1969-70	44,479	†	44,149	330	0.7	15,593	15,421	172	3,681	3,657	24
1970-71	50,182	12.8	49,775	407	0.8	16,947	16,734	213	3,688	3,663	25
1971-72	51,258	2.1	50,726	532	1.0	17,299	17,009	290	3,708	3,685	23
1972-73	51,384	0.2	50,766	618	1.2	16,988	16,694	294	3,513	3,459	54
1973-74	50,412	-1.9	49,611	801	1.6	15,851	15,470	381	3,374	3,318	56
1974-75	47,131	-6.5	46,105	1,026	2.2	15,837	15,426	411	3,181	3,113	68
1975-76	46,676	-1.0	45,184	1,492	3.2	16,800	16,174	626	2,874	2,805	69
1976-77	49,482	6.0	47,238	2,244	4.5	16,659	15,891	768	2,622	2,547	75
1977-78	56,150	13.5	52,353	3,797	6.8	16,887	15,940	947	2,483	2,424	59
1978-79	62,898	12.0	57,603	5,295	8.4	16,012	14,971	1,041	2,545	2,459	86
1979-80	69,387	10.3	62,877	6,510	9.4	16,765	15,535	1,230	2,546	2,447	99
1980-81	75,355	8.6	67,573	7,782	10.3	17,216	15,761	1,455	2,608	2,499	109
1981-82	80,632	7.0	71,305	9,327	11.6	18,475	16,747	1,728	2,676	2,532	144
1982-83	89,811	11.4	78,673	11,138	12.4	19,949	18,038	1,911	2,871	2,742	129
1983-84	95,295	6.1	82,841	12,454	13.1	21,197	18,916	2,281	3,032	2,864	168
1984-85	97,099	1.9	83,991	13,108	13.5	22,124	19,688	2,436	3,269	3,055	214
1985-86	97,122	#	84,050	13,072	13.5	22,146	19,545	2,601	3,456	3,220	236
1986-87	93,560	-3.7	80,543	13,017	13.9	23,101	20,137	2,964	3,854	3,585	269
1987-88	89,406	-4.4	76,886	12,520	14.0	23,839	20,815	3,024	4,237	3,941	296
1988-89	85,982	-3.8	74,020	11,962	13.9	25,066	21,731	3,335	4,572	4,160	412
1989-90	82,480	-4.1	70,859	11,621	14.1	25,294	21,753	3,541	5,030	4,576	454
1990-91	79,751	-3.3	68,482	11,269	14.1	25,450	21,780	3,670	5,330	4,834	496
1991-92	78,036	-2.2	67,086	10,950	14.0	26,373	22,397	3,976	5,499	4,967	532
1992-93	78,619	0.7	67,214	11,405	14.5	29,103	24,721	4,382	5,870	5,300	570
1993-94	78,580	#	66,867	11,713	14.9	30,102	25,394	4,708	5,954	5,288	666
1994-95	78,483	-0.1	66,157	12,326	15.7	29,949	25,028	4,921	6,108	5,378	730
1995-96	77,997	-0.6	65,362	12,635	16.2	28,843	23,840	5,003	6,354	5,559	795
1996-97	75,659	-3.0	62,994	12,665	16.7	27,016	22,047	4,969	6,166	5,408	758
1997-98	74,557	-1.5	61,880	12,677	17.0	27,244	21,800	5,444	5,966	5,230	736
1998-99	72,796	-2.4	59,859	12,937	17.8	26,689	21,348	5,341	5,413	4,643	770
1999-2000	73,323	0.7	59,668	13,655	18.6	26,648	21,047	5,601	5,367	4,539	828
2000-01	72,869	-0.6	59,489	13,380	18.4	27,187	21,341	5,846	5,547	4,630	917
2001-02	74,588	2.4	60,417	14,171	19.0	26,987	21,212	5,775	5,181	4,285	896
2002-03	77,231	3.5	62,821	14,410	18.7	30,583	24,097	6,486	5,252	4,353	899
2003-04	78,079	1.1	63,401	14,678	18.8	35,053	27,561	7,492	5,859	4,821	1,038
2004-05	79,544	1.9	65,033	14,511	18.2	34,988	27,049	7,939	6,467	5,263	1,204
2005-06	81,406	2.3	66,866	14,540	17.9	33,389	25,568	7,821	7,318	5,848	1,470
2006-07	81,854	0.6	68,081	13,773	16.8	31,989	24,746	7,243	7,928	6,285	1,643
2007-08	83,608	2.1	69,540	14,068	16.8	34,430	26,461	7,969	7,977	6,263	1,714
2008-09	84,404	1.0	70,504	13,900	16.5	38,008	29,458	8,550	7,803	6,123	1,680
2009-10	88,735	5.1	73,838	14,897	16.8	39,391	30,554	8,837	7,773	5,986	1,787
2010-11	93,097	4.9	77,080	16,017	17.2	43,179	33,372	9,807	8,425	6,548	1,877
2011-12	98,654	6.0	81,364	17,290	17.5	45,116	34,712	10,404	8,856	6,838	2,018
2012-13	102,997	4.4	84,645	18,352	17.8	45,328	34,496	10,832	9,467	7,305	2,162
2013-14	108,969	5.8	88,938	20,031	18.4	47,326	35,777	11,549	10,117	7,820	2,297
Percent change											
2003-04 to 2008-09	8.1	†	11.2	-5.3	†	8.4	6.9	14.1	33.2	27.0	61.8
2008-09 to 2013-14	29.1	†	26.1	44.1	†	24.5	21.5	35.1	29.7	27.7	36.7

†Not applicable.

#Rounds to zero.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Includes degrees in engineering, engineering-related technologies, mechanical and repair technologies, and construction trades for 1969-70 and later years. Degrees in engineering include degrees in all areas of engineering—for example, chemical, civil, electrical, and mechanical engineering—as well as degrees in general engineering. Some data have been revised from previously published figures.

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