

Table 304.—Statistical profile of persons receiving doctor's degrees in engineering: 1979–80 to 1998–99

Item	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates ...	2,479	2,528	3,376	4,187	4,543	4,894	5,214	5,438	5,698	5,822	6,008	6,305	6,052	5,919	5,337
Sex (percent)															
Men	96.4	96.1	93.3	93.2	91.8	91.5	91.3	90.7	90.9	89.1	88.4	87.7	87.6	86.9	85.1
Women	3.6	3.9	6.7	6.8	8.2	8.5	8.7	9.3	9.1	10.9	11.6	12.3	12.4	13.1	14.9
Racial/ethnic group (percent)															
American Indian	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.4	0.4	0.4
Asian	18.9	20.0	15.6	16.0	16.6	15.3	17.4	18.2	19.7	28.8	31.5	26.8	22.3	19.0	18.4
Black	1.2	1.4	1.4	1.4	1.4	1.8	2.4	1.9	1.9	1.8	2.2	2.2	3.1	2.9	3.4
Hispanic	1.9	1.0	2.1	3.0	2.2	2.4	2.6	3.0	2.4	2.2	2.4	2.9	2.8	3.8	2.9
White	77.8	77.3	80.6	79.4	79.5	80.4	77.4	76.5	75.9	67.0	63.7	67.6	71.5	73.9	74.9
Citizenship (percent)															
United States	50.6	46.2	40.8	42.4	40.9	39.4	37.9	38.7	39.1	38.0	39.7	41.1	44.3	43.0	46.4
Foreign	46.3	49.1	50.8	49.8	50.4	52.5	54.7	57.8	57.1	60.0	57.9	55.7	49.5	48.5	48.6
Unknown	3.1	4.7	8.4	7.7	8.8	8.1	7.3	3.5	3.9	2.1	2.5	3.3	6.2	8.5	5.1
Median age at doctorate (years)	30.3	30.5	31.0	31.0	31.1	31.2	31.4	31.5	31.6	31.7	31.7	31.7	31.3	31.6	31.4
Percent with bachelor's degree in same field as doctorate	75.2	74.1	73.0	76.4	76.2	76.9	79.0	81.8	80.1	80.4	79.1	80.2	75.9	71.0	71.2
Median time lapse from bachelor's to doctorate (years)															
Total time	7.6	7.9	8.1	8.1	8.1	8.2	8.5	8.7	8.8	9.0	9.1	9.0	8.7	8.9	8.7
Registered time	5.6	5.6	5.9	5.9	6.0	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.5	6.7	6.6

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The number of degrees

also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared April 2001.)