

Table 298.—Statistical profile of persons receiving doctor's degrees,¹ by field of study: 1995–96

Item	All fields	Field of study								
		Education	Engineering	Humanities	Life sciences	Physical sciences ²		Business and management	Social sciences and psychology	Other professional fields
						Total	Mathematics			
1	2	3	4	5	6	7	8	9	10	11
Doctor's degrees conferred (number)	42,415	6,772	6,305	5,116	8,255	6,675	1,122	1,276	6,814	1,163
Sex (percent)										
Men	60.0	38.3	87.7	50.3	56.5	79.3	79.4	70.2	48.4	52.4
Women	40.0	61.7	12.3	49.7	43.5	20.7	20.6	29.8	51.6	47.6
Racial/ethnic group (percent) ³										
American Indian	0.6	1.0	0.4	0.5	0.5	0.3	0.2	0.4	0.7	0.7
Asian	11.9	3.1	26.8	5.1	17.9	19.8	22.0	10.7	6.4	5.3
Black	4.7	10.1	2.2	3.1	2.9	2.0	1.3	4.4	5.0	7.7
Hispanic	3.5	3.6	2.9	4.3	3.1	2.6	1.6	2.6	4.6	3.7
White	79.3	82.2	67.6	87.0	75.5	75.3	75.0	82.0	83.3	82.7
Citizenship (percent)										
United States	65.4	86.6	41.1	77.4	60.7	51.6	43.5	62.9	76.2	72.8
Non-U.S., permanent visa	8.9	2.9	12.6	6.9	12.3	12.6	14.1	7.4	5.9	5.8
Non-U.S., temporary visa	22.7	7.0	43.1	12.7	24.7	32.4	39.3	26.5	14.8	18.4
Unknown	3.1	3.4	3.3	3.0	2.2	3.4	3.1	3.2	3.1	3.0
Median age at doctorate (years)	33.8	44.3	31.7	35.2	32.5	31.1	30.9	36.4	33.7	39.6
Percent with bachelor's degree in same field as doctorate	54.8	36.1	80.2	55.8	49.2	65.6	69.7	35.1	53.4	30.3
Median time lapse from bachelor's to doctorate (years)										
Total time	10.8	20.2	9.0	11.8	9.6	8.3	8.3	12.7	10.3	15.5
Registered time	7.2	8.2	6.4	8.3	7.0	6.7	6.7	7.3	7.4	8.0
Postdoctoral plans (percent)										
Postdoctoral study plans	26.1	3.4	21.9	7.6	57.8	42.6	30.0	3.4	19.5	5.1
Fellowship	13.0	1.2	7.0	4.2	32.8	18.3	14.8	1.2	12.1	2.3
Research associateship	9.9	1.1	13.0	0.9	18.0	21.8	10.1	1.2	4.2	0.9
Traineeship	1.0	0.4	0.9	0.4	1.6	0.9	2.4	0.2	1.5	0.8
Other	2.2	0.8	1.0	2.1	5.4	1.6	2.8	0.9	1.7	1.0
Postdoctoral employment	65.1	86.3	69.6	83.5	35.3	48.7	61.2	86.1	70.8	86.8
Educational institution ⁴	36.3	67.8	13.3	65.9	17.1	17.2	38.0	64.7	37.4	54.9
Industry, business	16.7	6.1	46.0	5.4	8.5	24.7	16.9	15.3	12.1	10.2
Government	4.7	5.2	6.3	1.1	4.9	3.0	2.1	2.4	7.0	5.0
Nonprofit organization	3.5	3.8	1.0	5.1	2.1	0.7	0.5	1.1	7.6	11.6
Other and unknown	4.0	3.5	3.0	6.0	2.7	3.0	3.7	2.5	6.7	5.0
Postdoctoral plans unknown	8.8	10.3	8.4	8.9	6.9	8.7	8.7	10.6	9.8	8.2
Definite postdoctoral study	18.0	1.8	12.9	4.0	42.4	30.6	19.3	1.8	13.3	2.8
Seeking postdoctoral study	8.0	1.6	9.0	3.6	15.4	12.0	10.7	1.6	6.2	2.3
Definite employment	43.2	64.1	44.7	49.5	22.8	30.9	37.7	64.5	45.8	62.3
Seeking employment	21.9	22.2	24.9	34.0	12.5	17.7	23.5	21.6	25.0	24.4
Primary postdoctoral activity (percent) ⁵										
Research and development	29.4	5.6	69.5	6.9	42.5	55.0	34.8	27.9	25.1	9.0
Teaching	37.7	38.1	11.9	73.9	31.4	27.2	48.0	52.9	34.2	54.9
Administration	12.9	39.3	2.0	4.7	6.7	2.4	1.4	6.0	5.7	11.3
Professional services	13.0	11.2	9.4	6.3	12.3	8.7	8.5	6.0	28.1	16.7
Other	3.6	2.3	4.2	4.4	3.7	3.4	2.8	3.8	3.4	5.1
Activity unknown	3.4	3.5	2.9	3.8	3.3	3.3	4.5	3.5	3.4	3.0
Region of employment after doctorate (percent) ⁵										
New England	6.0	4.4	5.7	8.2	5.3	6.8	8.5	8.1	6.4	5.2
Middle Atlantic	13.5	12.2	14.0	13.9	10.6	15.2	14.4	11.7	15.3	14.3
East North Central	13.5	14.7	12.9	14.4	12.1	13.3	14.2	13.2	13.0	11.7
West North Central	6.9	9.1	3.8	8.6	6.8	5.8	8.3	5.8	5.9	7.7
South Atlantic	15.7	18.7	10.6	15.1	17.0	14.1	13.7	16.3	17.2	13.2
East South Central	4.5	6.7	2.1	4.8	4.9	2.9	4.5	5.2	3.9	5.1
West South Central	8.5	9.9	9.0	7.9	6.9	7.0	6.4	10.3	7.8	10.9
Mountain	5.7	6.7	5.6	4.9	5.0	5.7	5.7	4.5	6.0	5.7
Pacific and insular	13.0	10.8	21.1	11.1	11.0	17.5	12.3	9.5	10.9	7.9
U.S., region unknown	1.2	1.3	1.2	1.6	1.1	0.8	0.2	0.5	1.2	1.4
Foreign	11.4	5.5	14.0	9.4	19.2	10.6	10.9	14.8	12.2	16.6
Region unknown	0.2	0.2	0.1	0.2	0.2	0.3	0.9	0.0	0.1	0.3

¹ Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and D.V.M.

² Includes mathematics, computer science, physics, astronomy, chemistry, and earth, atmospheric, and marine sciences.

³ Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

⁴ Includes 2-year, 4-year, and foreign colleges and universities, medical schools, and elementary/secondary schools.

⁵ Includes only recipients with definite employment plans.

NOTE.—The above classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major dif-

ferences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. The above tabulation excludes some non-research doctorate degrees such as doctor's degrees in theology. Total includes a small number of graduates not reported by field of study. Because of rounding, percents may not add to 100.0.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Summary Report 1996: Doctorate Recipients from United States Universities*. (This table was prepared May 1998.)