

Table 46**Employment sector of doctorate recipients with definite postgraduation commitments for employment in the United States, by broad field of study: Selected years, 1990–2020**

(Number and percent)

Employment commitment, sector, and year	Total	Life sciences ^a	Physical sciences and earth sciences	Mathematics and computer sciences	Psychology and social sciences	Engineering	Education	Humanities and arts	Other ^b
All U.S. employment commitments (number)									
1990	15,239	1,325	1,104	676	2,981	1,872	4,020	2,045	1,216
1995	15,303	1,456	836	830	2,773	1,890	3,913	2,290	1,315
2000	17,248	1,948	1,095	938	3,175	2,336	3,907	2,619	1,230
2005	15,658	1,713	879	906	2,785	2,129	3,550	2,408	1,288
2010	14,706	1,813	793	1,061	2,740	2,070	2,839	2,059	1,331
2015	15,166	2,024	1,029	1,364	2,691	2,761	2,245	1,759	1,293
2020	19,556	2,969	1,544	1,981	3,154	3,836	2,626	1,899	1,547
Academe (%) ^c									
1990	51.5	48.5	20.7	68.0	50.7	26.3	46.4	79.7	83.4
1995	52.4	51.4	28.3	55.3	53.8	19.1	48.3	79.8	76.7
2000	48.6	46.0	21.9	47.5	52.0	14.8	47.9	78.0	73.0
2005	54.3	53.2	26.2	54.6	62.0	18.5	50.2	82.5	76.2
2010	52.6	48.9	28.5	40.8	60.2	16.9	53.4	80.6	76.0
2015	48.5	45.6	23.8	32.4	59.4	14.5	59.4	78.6	79.9
2020	39.6	36.7	16.3	26.5	51.0	10.3	54.6	69.9	71.9
Government (%) ^c									
1990	8.8	16.3	11.0	3.8	12.8	11.9	7.2	2.1	4.0
1995	8.1	14.2	12.9	4.2	12.4	10.9	6.0	1.7	5.3
2000	7.4	13.7	9.3	3.8	11.4	9.0	4.6	1.9	5.4
2005	6.9	12.7	9.3	4.0	10.0	9.3	4.1	2.3	5.3
2010	8.9	14.3	14.4	6.7	13.9	12.9	3.5	2.1	5.6
2015	7.1	9.7	6.4	4.5	11.7	9.8	3.7	2.1	4.3
2020	7.7	9.8	9.9	4.5	12.4	8.5	3.8	2.9	6.9
Industry or business (%) ^{c,d}									
1990	21.9	26.4	66.0	25.4	18.2	59.1	6.2	4.8	7.4
1995	21.7	24.5	53.2	37.3	16.3	66.1	6.0	5.1	12.1
2000	26.0	28.9	63.8	44.0	17.4	72.9	5.7	6.4	14.0
2005	22.8	25.3	59.5	38.3	14.2	68.7	4.1	4.3	12.3
2010	23.3	25.0	50.9	46.7	13.5	64.3	4.5	5.0	10.0
2015	32.4	33.0	64.8	59.0	16.3	72.0	4.5	5.7	11.1
2020	40.0	42.9	68.8	65.0	22.0	77.0	7.5	7.3	14.7
Nonprofit organization (%) ^c									
1990	6.7	7.3	1.5	1.6	13.2	2.2	5.7	9.4	3.5
1995	6.3	7.3	2.3	2.2	11.4	2.2	5.1	9.1	4.3
2000	5.9	6.9	2.0	2.0	11.4	1.8	4.6	7.6	4.9
2005	5.3	7.1	3.1	1.9	8.8	2.3	4.3	6.8	4.1
2010	5.2	8.4	3.0	2.3	7.0	3.1	4.5	6.2	4.2
2015	6.1	9.4	3.0	2.8	9.2	3.2	5.8	8.8	3.6
2020	6.0	7.8	3.2	2.0	9.4	3.2	6.4	10.8	4.2
Other or unknown (%) ^{c,e}									
1990	11.1	1.5	0.7	1.0	5.1	0.5	34.5	4.0	1.7
1995	11.4	2.6	3.2	1.0	6.1	1.6	34.6	4.3	1.7

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(Number and percent)

Employment commitment, sector, and year	Total	Life sciences ^a	Physical sciences and earth sciences	Mathematics and computer sciences	Psychology and social sciences	Engineering	Education	Humanities and arts	Other ^b
2000	12.0	4.6	2.9	2.6	7.7	1.5	37.2	6.2	2.8
2005	10.7	1.8	1.9	1.2	5.0	1.2	37.3	4.2	2.2
2010	10.0	3.4	3.2	3.5	5.3	2.8	34.1	6.1	4.2
2015	5.8	2.3	1.9	1.2	3.4	0.6	26.7	4.7	1.1
2020	6.6	2.7	1.7	2.0	5.2	1.1	27.7	9.1	2.3

^a Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

^b Includes other non-science and engineering fields not shown separately.

^c Percentages based on number reporting definite employment commitments in the United States.

^d Includes doctorate recipients who indicated self-employment.

^e "Other" is mainly composed of elementary and secondary schools.

Note(s):

Due to rounding, percentages may not sum to 100.

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.