Table 46. Employment sector of doctorate recipients with definite postgraduation commitments for employment in the United States, by broad field of study: Selected years, 1996–2016

16,273 17,304 17,681 14,167 16,305 48.8 48.4 51.1	1,542 1,848 1,993 1,746 2,301 51.8 45.8	1,023 1,270 1,026 919 1,264		2,865 3,070 2,993 2,586 2,846	2,429 2,627 2,686 2,275 2,927	4,113 3,710 3,717 2,369	2,285 2,712 2,631	1,210 1,222 1,445
17,304 17,681 14,167 16,305 48.8 48.4	1,848 1,993 1,746 2,301 51.8	1,270 1,026 919 1,264	845 1,190 1,077	3,070 2,993 2,586	2,627 2,686 2,275	3,710 3,717	2,712 2,631	1,222
17,681 14,167 16,305 48.8 48.4	1,993 1,746 2,301 51.8	1,026 919 1,264	1,190 1,077	2,993 2,586	2,686 2,275	3,717	2,631	
14,167 16,305 48.8 48.4	1,746 2,301 51.8	919 1,264	1,077	2,586	2,275			1,445
16,305 48.8 48.4	2,301 51.8	1,264				2,369	4 6	-
48.8 48.4	51.8		1,479	2,846	2 0 2 7		1,952	1,243
48.4		_			2,921	2,433	1,716	1,339
48.4		_						
	AE O	24.8	46.8	53.4	14.1	46.4	79.2	76.5
51.1	40.8	20.2	45.8	54.0	13.4	49.0	79.1	74.4
	47.4	27.7	44.4	59.9	14.3	51.0	80.8	74.7
51.8	48.7	25.8	36.4	60.9	13.6	57.9	82.5	79.6
44.6	38.3	20.0	29.5	54.2	14.1	58.2	76.4	75.8
7.9	15.2	9.4	4.1	11.3	10.6	6.4	1.3	4.5
6.5	11.6	6.7	4.0	10.4	7.3	4.5	2.1	4.7
6.0	12.0	7.1	4.3	9.5	5.6	3.8	2.1	4.8
8.0	13.3	10.9	7.9	11.1	10.9	3.2	2.4	4.5
7.4	10.3	8.8	3.4	12.4	8.2	3.8	2.4	5.5
25.9	24.5	62.6	46.4	17.7	73.0	6.3	5.0	14.1
29.4	33.1	68.3	44.9	20.4	76.0	6.6	6.5	15.1
25.0	25.8	56.4	45.7	13.9	72.9	3.6	3.8	11.7
26.9	26.6	56.4	51.3	13.6	71.1	4.3	4.4	9.9
34.6	37.6	65.7	61.9	19.1	72.9	4.8	5.1	10.9
6.1	6.7	1.7	1.6	12.2	1.9	4.5	10.4	3.5
5.3	6.5	2.4	2.7	9.8	2.1	4.4	7.0	3.2
4.5				7.7	2.5	4.3	4.7	3.5
5.7	8.7	3.9	2.8	9.2	2.7	5.4	6.1	3.1
5.7	9.3	3.2	2.8	7.8	3.1	5.4	7.6	4.0
	44.6 7.9 6.5 6.0 8.0 7.4 25.9 29.4 25.0 26.9 34.6 6.1 5.3 4.5 5.7	44.6 38.3   7.9 15.2   6.5 11.6   6.0 12.0   8.0 13.3   7.4 10.3   25.9 24.5   29.4 33.1   25.0 25.8   26.9 26.6   34.6 37.6   6.1 6.7   5.3 6.5   4.5 6.2   5.7 8.7	44.6   38.3   20.0     7.9   15.2   9.4     6.5   11.6   6.7     6.0   12.0   7.1     8.0   13.3   10.9     7.4   10.3   8.8     25.9   24.5   62.6     29.4   33.1   68.3     25.0   25.8   56.4     26.9   26.6   56.4     34.6   37.6   65.7     6.1   6.7   1.7     5.3   6.5   2.4     4.5   6.2   2.5     5.7   8.7   3.9	44.6   38.3   20.0   29.5     7.9   15.2   9.4   4.1     6.5   11.6   6.7   4.0     6.0   12.0   7.1   4.3     8.0   13.3   10.9   7.9     7.4   10.3   8.8   3.4     25.9   24.5   62.6   46.4     29.4   33.1   68.3   44.9     25.9   24.5   62.6   46.4     29.4   33.1   68.3   44.9     25.0   25.8   56.4   45.7     26.9   26.6   56.4   51.3     34.6   37.6   65.7   61.9     6.1   6.7   1.7   1.6     5.3   6.5   2.4   2.7     4.5   6.2   2.5   1.4     5.7   8.7   3.9   2.8	44.6 38.3 20.0 29.5 54.2   7.9 15.2 9.4 4.1 11.3   6.5 11.6 6.7 4.0 10.4   6.0 12.0 7.1 4.3 9.5   8.0 13.3 10.9 7.9 11.1   7.4 10.3 8.8 3.4 12.4   6.0 12.0 7.1 4.3 9.5   8.0 13.3 10.9 7.9 11.1   7.4 10.3 8.8 3.4 12.4   7.4 10.3 8.8 3.4 12.4   7.5 25.9 24.5 62.6 46.4 17.7   25.9 24.5 62.6 46.4 17.7   29.4 33.1 68.3 44.9 20.4   25.0 25.8 56.4 45.7 13.9   26.9 26.6 56.4 51.3 13.6   34.6 37.6 65.7 61.9 19.1   6.1 6.7 1.7 1.6 12.2   5.3<	44.6 38.3 20.0 29.5 54.2 14.1   7.9 15.2 9.4 4.1 11.3 10.6   6.5 11.6 6.7 4.0 10.4 7.3   6.0 12.0 7.1 4.3 9.5 5.6   8.0 13.3 10.9 7.9 11.1 10.9   7.4 10.3 8.8 3.4 12.4 8.2   8.0 13.3 10.9 7.9 11.1 10.9   7.4 10.3 8.8 3.4 12.4 8.2   9.74 10.3 8.8 3.4 12.4 8.2   9.74 10.3 8.8 3.4 12.4 8.2   9.74 10.3 8.8 3.4 12.4 8.2   9.74 10.3 8.6 4.6.4 17.7 73.0   25.9 24.5 66.6 46.4 17.7 73.0   26.9 26.6 56.4 45.13 13.6 71.1   34.6 37.6 65.7 61.9 19.9 2	44.6   38.3   20.0   29.5   54.2   14.1   58.2     7.9   15.2   9.4   4.1   11.3   10.6   6.4     6.5   11.6   6.7   4.0   10.4   7.3   4.5     6.0   12.0   7.1   4.3   9.5   5.6   3.8     7.4   10.3   10.9   7.9   11.1   10.9   3.2     7.4   10.3   8.8   3.4   12.4   8.2   3.8     8.0   13.3   10.9   7.9   11.1   10.9   3.2     7.4   10.3   8.8   3.4   12.4   8.2   3.8     7.4   10.3   8.8   3.4   12.4   8.2   3.8     7.4   10.3   8.8   3.4   12.4   8.2   3.8     7.4   10.3   8.8   3.4   12.4   8.2   3.8     25.9   24.5   62.6   46.4   17.7   7.9   3.6	44.6 38.3 20.0 29.5 54.2 14.1 58.2 76.4    7.9 15.2 9.4 4.1 11.3 10.6 6.4 11.3    6.5 11.6 6.7 4.0 10.4 7.3 4.5 2.1    6.0 12.0 7.1 4.3 9.5 5.6 3.8 2.1    7.4 10.3 10.9 7.9 11.1 10.9 3.2 2.4    7.4 10.3 0.8 3.4 12.4 8.2 3.8 2.4    7.4 10.3 0.8 3.4 12.4 8.2 3.8 2.4    7.4 10.3 0.8 3.4 12.4 8.2 3.8 2.4    7.4 10.3 0.8 3.4 12.4 8.2 3.8 2.4       2.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 <

Table 46. Employment sector of doctorate recipients with definite postgraduation commitments for employment in the United States, by broad field of study: Selected years, 1996–2016

Employment commitment and sector	Total	Life sciences <sup>a</sup>	Physical sciences and earth sciences	Mathematics and computer sciences	Psychology and social sciences	Engineering	Education	Humanities and arts	Other <sup>b</sup>
1996	11.2	1.8	1.6	1.1	5.4	0.4	36.3	4.1	1.3
2001	10.4	3.0	2.5	2.6	5.4	1.1	35.5	5.4	2.6
2006	13.4	8.6	6.2	4.2	9.0	4.7	37.3	8.6	5.3
2011	7.7	2.7	3.0	1.6	5.2	1.8	29.3	4.6	2.8
2016	7.8	4.4	2.2	2.2	6.5	1.8	27.8	8.4	3.8

<sup>a</sup> Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

<sup>b</sup> Non-science and engineering fields not shown separately.

<sup>c</sup> Percentages based on number reporting definite employment commitments in the United States.

<sup>d</sup> Includes doctorate recipients who indicated self-employment.

<sup>e</sup> "Other" is mainly composed of elementary and secondary schools.

NOTE: Due to rounding, percentages may not sum to 100.

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