

**Recent S&E doctorate holders employed in academia, by years since doctorate, Carnegie institution type, type of position, and tenure status: 1973–2003**

(Percent distribution)

Years since doctorate and institution type	Total	Position			Tenure track			Not tenure tracked
		Full-time faculty	Postdocs	Other	Total	Tenured	Untenured	
<b>1–3 years</b>								
<b>All universities and colleges</b>								
1973 .....	100.0	73.6	13.0	13.4	NA	NA	NA	NA
1975 .....	100.0	70.4	18.3	11.3	NA	NA	NA	NA
1977 .....	100.0	64.8	22.9	12.3	NA	NA	NA	NA
1979 .....	100.0	59.2	25.0	15.8	45.1	7.4	37.7	54.9
1981 .....	100.0	56.9	28.4	14.7	45.0	5.2	39.8	55.0
1983 .....	100.0	56.5	27.9	15.7	66.2	8.4	57.8	33.8
1985 .....	100.0	54.7	27.4	17.9	49.0	4.2	44.8	51.0
1987 .....	100.0	51.8	29.8	18.5	48.6	3.8	44.8	51.4
1989 .....	100.0	47.6	33.5	19.0	44.1	3.7	40.4	55.9
1991 .....	100.0	55.1	27.4	17.5	65.2	4.6	60.6	34.8
1993 .....	100.0	47.6	33.4	19.0	36.3	1.9	34.4	63.7
1995 .....	100.0	41.4	39.6	19.0	31.2	2.6	28.6	68.8
1997 .....	100.0	40.6	41.4	18.0	32.0	2.6	29.5	68.0
1999 .....	100.0	37.3	43.1	19.5	28.8	2.0	26.8	71.2
2001 .....	100.0	43.6	39.1	17.3	33.7	2.7	31.0	66.3
2003 .....	100.0	44.5	34.0	21.6	36.5	2.1	34.4	63.5
<b>Research universities</b>								
1973 .....	100.0	60.3	21.8	17.9	NA	NA	NA	NA
1975 .....	100.0	56.6	29.0	14.4	NA	NA	NA	NA
1977 .....	100.0	50.5	36.0	13.5	NA	NA	NA	NA
1979 .....	100.0	47.7	35.6	16.6	34.8	1.6	33.2	65.2
1981 .....	100.0	45.6	38.8	15.6	36.3	1.1	35.2	63.7
1983 .....	100.0	43.3	40.5	16.2	56.9	2.6	54.3	43.1
1985 .....	100.0	43.5	37.2	19.3	39.6	0.6	39.1	60.4
1987 .....	100.0	40.0	40.3	19.7	39.2	1.3	37.9	60.8
1989 .....	100.0	36.3	44.2	19.5	36.0	1.2	34.8	64.0
1991 .....	100.0	41.9	38.4	19.7	57.3	2.4	55.0	42.7
1993 .....	100.0	33.4	46.3	20.3	23.7	0.7	23.0	76.3
1995 .....	100.0	26.7	54.4	18.8	19.6	0.4	19.2	80.4
1997 .....	100.0	26.8	56.4	16.9	19.5	0.6	18.9	80.5
1999 .....	100.0	24.1	57.9	18.0	18.9	0.7	18.2	81.1
2001 .....	100.0	29.8	52.8	17.5	22.3	1.1	21.2	77.7
2003 .....	100.0	31.2	47.6	21.2	25.4	0.4	25.0	74.6
<b>Other universities and colleges</b>								
1973 .....	100.0	87.1	4.0	8.9	NA	NA	NA	NA
1975 .....	100.0	86.5	5.9	7.6	NA	NA	NA	NA
1977 .....	100.0	82.0	7.2	10.8	NA	NA	NA	NA
1979 .....	100.0	75.6	9.9	14.5	59.5	15.6	43.9	40.5

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		Full-time faculty	Postdocs	Other	Total	Tenured	Untenured	
1981 .....	100.0	75.7	11.1	13.1	59.4	12.1	47.4	40.6
1983 .....	100.0	75.2	9.9	14.9	76.9	15.1	61.8	23.1
1985 .....	100.0	73.5	10.8	15.7	63.5	9.9	53.6	36.5
1987 .....	100.0	73.2	10.6	16.1	64.4	8.1	56.4	35.6
1989 .....	100.0	67.9	14.2	17.9	56.9	7.5	49.4	43.1
1991 .....	100.0	75.0	10.7	14.3	73.0	6.7	66.2	27.0
1993 .....	100.0	69.9	13.2	16.9	56.1	3.8	52.3	43.9
1995 .....	100.0	63.3	17.5	19.2	48.6	5.9	42.7	51.4
1997 .....	100.0	57.9	22.7	19.4	47.6	4.9	42.6	52.4
1999 .....	100.0	55.0	23.4	21.6	42.1	3.7	38.4	57.9
2001 .....	100.0	62.3	20.7	17.0	49.1	4.8	44.3	50.9
2003 .....	100.0	62.2	15.7	22.1	51.3	4.3	47.0	48.7
<b>4–7 years</b>								
<b>All universities and colleges</b>								
1973 .....	100.0	89.2	2.3	8.4	NA	NA	NA	NA
1975 .....	100.0	87.1	4.3	8.3	NA	NA	NA	NA
1977 .....	100.0	85.0	5.3	9.7	NA	NA	NA	NA
1979 .....	100.0	81.2	6.1	12.9	65.7	26.3	39.4	32.8
1981 .....	100.0	80.8	6.3	13.2	70.3	24.9	45.3	28.4
1983 .....	100.0	76.8	5.7	17.2	65.7	23.8	42.0	26.1
1985 .....	100.0	76.9	6.9	16.4	65.2	19.4	45.8	29.0
1987 .....	100.0	75.0	7.6	17.2	60.4	16.6	43.8	28.9
1989 .....	100.0	73.2	9.1	17.8	59.5	12.6	46.9	30.1
1991 .....	100.0	75.0	7.1	17.6	65.1	21.2	43.9	24.7
1993 .....	100.0	72.1	11.1	16.7	60.4	12.4	48.0	39.6
1995 .....	100.0	70.3	12.9	16.8	59.3	12.4	46.9	40.7
1997 .....	100.0	66.3	14.8	19.0	54.1	11.6	42.5	45.9
1999 .....	100.0	65.4	14.1	20.5	52.4	10.4	42.0	47.6
2001 .....	100.0	63.1	13.2	23.7	49.6	9.0	40.6	50.4
2003 .....	100.0	64.9	9.7	25.4	53.7	12.5	41.1	46.3
<b>Research universities</b>								
1973 .....	100.0	86.6	3.7	9.7	NA	NA	NA	NA
1975 .....	100.0	82.1	7.7	9.8	NA	NA	NA	NA
1977 .....	100.0	77.8	9.4	13.3	NA	NA	NA	NA
1979 .....	100.0	74.0	9.8	16.7	60.0	20.2	39.8	38.5
1981 .....	100.0	74.4	8.9	16.8	61.6	16.2	45.4	36.8
1983 .....	100.0	70.5	8.7	21.2	60.2	14.4	45.8	31.9
1985 .....	100.0	69.1	10.9	20.0	58.7	11.9	46.8	35.0
1987 .....	100.0	67.0	11.4	21.9	53.1	12.2	40.9	35.1
1989 .....	100.0	65.1	13.7	20.9	52.3	7.5	44.8	35.9

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1991 .....	100.0	65.9	11.6	22.8	56.9	16.2	40.7	28.2
1993 .....	100.0	64.5	17.5	18.6	52.4	6.9	45.5	47.6
1995 .....	100.0	59.9	19.8	19.9	49.0	7.6	41.3	51.0
1997 .....	100.0	55.2	21.3	23.1	43.5	5.9	37.7	56.5
1999 .....	100.0	54.8	21.0	24.3	41.8	5.8	36.0	58.2
2001 .....	100.0	50.0	22.1	28.0	37.9	4.9	33.0	62.1
2003 .....	100.0	53.7	15.9	30.4	43.7	8.1	35.6	56.3
<b>Other universities and colleges</b>								
1973 .....	100.0	92.0	0.9	7.1	NA	NA	NA	NA
1975 .....	100.0	91.8	1.1	6.8	NA	NA	NA	NA
1977 .....	100.0	92.1	1.6	6.5	NA	NA	NA	NA
1979 .....	100.0	89.2	1.9	8.7	71.9	32.9	39.0	26.5
1981 .....	100.0	87.9	3.4	9.3	80.1	34.8	45.3	18.9
1983 .....	100.0	84.4	2.7	13.4	71.3	33.3	38.1	20.3
1985 .....	100.0	86.2	2.2	12.1	73.0	28.5	44.5	21.9
1987 .....	100.0	87.4	2.4	10.9	70.4	22.6	47.7	20.4
1989 .....	100.0	84.6	2.4	13.3	69.7	19.9	49.8	22.0
1991 .....	100.0	86.3	2.2	11.2	75.2	27.4	47.9	20.3
1993 .....	100.0	82.6	3.4	14.6	70.2	19.1	51.1	29.8
1995 .....	100.0	81.6	5.1	13.2	71.2	17.9	53.3	28.8
1997 .....	100.0	77.5	7.7	14.9	64.6	17.3	47.3	35.4
1999 .....	100.0	75.3	7.6	16.9	62.3	14.7	47.7	37.7
2001 .....	100.0	76.1	4.5	19.4	61.1	13.0	48.1	38.9
2003 .....	100.0	75.6	3.8	20.6	63.2	16.8	46.4	36.8

NA = not available

NOTES: Institutions designated by 1994 Carnegie classification code. For information on these institutional categories, see Carnegie Foundation for the Advancement of Teaching, *A Classification of Institutions of Higher Education*, Princeton University Press (1994), and chapter 2 sidebar, "Carnegie Classification of Academic Institutions." Recent doctorate holders defined as having earned doctorate within either 3 years or 4–7 years preceding survey year. Full-time faculty includes full, associate, and assistant professors plus instructors. Other positions include full-time nonfaculty appointments such as research associates, adjunct appointments, lecturers, administrative positions, and part-time appointments of all kinds. Detail may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, special tabulations.

Science and Engineering Indicators 2006