

Appendix table 5-17

**S&E doctorate holders employed in research universities and other academic institutions, by type of position and primary work activity: 1975–2001**

(Thousands)

Institution type, position, and primary work activity	1975	1977	1979	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
<b>All academic institutions</b>														
All positions.....	134.1	145.4	155.3	167.1	176.1	190.2	195.9	206.6	210.6	213.8	217.5	232.5	240.2	245.5
Teaching.....	83.8	82.2	83.8	95.9	97.7	101.0	99.3	100.9	103.4	98.3	100.2	105.4	108.6	109.0
Research.....	30.8	37.0	41.3	46.5	48.9	55.9	66.5	72.2	73.9	80.2	83.0	88.6	91.4	93.8
Other work.....	19.4	26.2	30.2	24.7	29.6	33.3	30.1	33.5	33.2	35.2	34.3	38.6	40.2	42.8
Full-time faculty.....	116.4	125.6	131.2	141.9	148.4	156.9	164.4	169.8	173.1	172.4	171.4	178.4	184.0	187.4
Teaching.....	80.2	78.4	79.7	92.1	91.9	94.9	93.6	93.9	96.7	91.4	91.9	95.4	98.6	97.9
Research.....	21.4	25.8	28.1	31.8	33.6	39.5	48.6	51.6	53.8	56.9	56.6	58.0	60.4	62.8
Other work.....	14.8	21.3	23.4	18.0	22.9	22.5	22.2	24.2	22.6	24.1	22.9	24.9	25.0	26.8
Postdocs.....	6.2	7.6	8.1	8.5	8.3	8.7	9.3	11.5	9.9	13.3	16.8	18.9	18.5	17.5
Teaching.....	0.1	0.1	0.2	0.1	0.4	0.2	0.2	0.4	0.1	0.0	0.6	0.6	0.4	0.5
Research.....	5.7	6.8	6.9	7.7	7.1	7.5	8.4	10.3	9.2	12.7	15.1	16.7	16.6	15.6
Other work.....	0.4	0.7	1.0	0.7	0.7	0.9	0.7	0.8	0.6	0.7	1.1	1.5	1.5	1.4
All other types of positions.....	11.5	12.2	15.9	16.6	19.4	24.6	22.1	25.4	27.6	28.1	29.4	35.3	37.5	40.7
Teaching.....	3.5	3.6	3.9	3.7	5.4	5.9	5.5	6.6	6.6	6.9	7.7	9.4	9.5	10.6
Research.....	3.8	4.3	6.2	6.9	8.1	9.0	9.6	10.3	10.9	10.7	11.4	13.8	14.3	15.4
Other work.....	4.2	4.2	5.8	6.0	5.9	9.8	7.1	8.6	10.1	10.4	10.3	12.1	13.7	14.6
<b>Research universities</b>														
All positions.....	73.4	78.2	83.5	91.0	89.9	102.8	106.9	112.5	111.6	113.0	112.8	113.6	117.2	119.6
Teaching.....	36.5	33.4	34.0	39.3	36.8	38.3	36.0	35.8	34.5	32.8	31.7	33.4	33.3	31.9
Research.....	25.5	29.5	32.1	37.5	37.4	45.4	53.7	58.1	57.9	60.6	62.4	60.6	64.3	66.9
Other work.....	11.4	15.4	17.4	14.3	15.6	19.1	17.2	18.7	19.2	19.5	18.7	19.6	19.7	20.8
Full-time faculty.....	61.5	64.7	67.1	73.8	72.2	80.6	84.2	86.6	85.8	84.4	81.6	81.5	84.1	84.8
Teaching.....	35.1	32.1	32.5	37.9	34.9	35.9	33.6	32.9	32.2	30.5	29.1	29.9	30.2	28.0
Research.....	17.4	20.0	21.1	25.1	25.2	31.5	38.4	40.7	41.1	41.5	41.0	39.5	42.2	44.2
Other work.....	8.9	12.6	13.5	10.7	12.1	13.3	12.2	13.0	12.5	12.4	11.5	12.1	11.8	12.6
Postdocs.....	5.3	6.5	6.8	7.0	6.7	7.4	8.1	9.7	8.3	11.3	13.6	13.9	14.1	13.8
Teaching.....	0.1	0.1	0.1	0.0	0.2	0.2	0.2	0.2	0.1	0.0	0.3	0.4	0.3	0.4
Research.....	4.9	5.9	5.8	6.5	6.1	6.5	7.3	8.9	7.8	10.8	12.4	12.3	12.6	12.4
Other work.....	0.3	0.6	0.9	0.5	0.4	0.7	0.6	0.6	0.4	0.6	0.9	1.2	1.2	1.0
All other types of positions.....	6.6	7.1	9.6	10.2	11.0	14.8	14.5	16.2	17.5	17.3	17.5	18.2	19.0	21.0
Teaching.....	1.3	1.2	1.4	1.3	1.8	2.3	2.2	2.6	2.2	2.4	2.3	3.1	2.8	3.5
Research.....	3.3	3.6	5.2	5.9	6.0	7.5	7.9	8.4	9.0	8.3	8.9	8.8	9.5	10.2
Other work.....	2.2	2.2	3.0	3.1	3.1	5.0	4.4	5.1	6.4	6.6	6.2	6.4	6.8	7.3
<b>Other U&amp;C</b>														
All positions.....	60.7	67.2	71.8	76.0	86.2	87.4	89.0	94.1	99.0	100.8	104.8	118.9	122.9	126.0
Teaching.....	47.3	48.8	49.8	56.7	60.8	62.7	63.3	65.1	69.0	65.5	68.5	72.0	75.3	77.1
Research.....	5.3	7.5	9.2	9.0	11.4	10.6	12.8	14.1	16.0	19.6	20.7	27.9	27.1	26.9
Other work.....	8.1	10.9	12.8	10.4	13.9	14.2	12.9	14.9	14.0	15.7	15.6	19.0	20.5	21.9
Full-time faculty.....	54.9	61.0	64.1	68.2	76.2	76.2	80.2	83.2	87.3	88.1	89.7	96.8	99.9	102.6
Teaching.....	45.1	46.4	47.3	54.1	57.0	59.0	60.0	61.1	64.5	61.0	62.8	65.5	68.4	69.9
Research.....	3.9	5.8	7.0	6.7	8.4	8.0	10.1	10.9	12.7	15.3	15.5	18.5	18.3	18.6
Other work.....	5.9	8.8	9.9	7.4	10.8	9.2	10.0	11.2	10.2	11.7	11.3	12.8	13.2	14.2
Postdocs.....	0.9	1.1	1.3	1.5	1.6	1.3	1.2	1.8	1.5	2.0	3.2	5.0	4.5	3.7
Teaching.....	0.1	0.0	0.1	0.1	0.3	0.0	0.0	0.2	0.1	0.0	0.3	0.2	0.1	0.1
Research.....	0.8	0.9	1.1	1.2	1.1	1.1	1.0	1.4	1.3	1.9	2.7	4.4	4.0	3.1
Other work.....	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.4	0.3	0.4
All other types of positions.....	4.8	5.2	6.3	6.4	8.5	9.9	7.6	9.1	10.1	10.8	11.8	17.0	18.5	19.6
Teaching.....	2.1	2.5	2.5	2.4	3.6	3.7	3.2	3.8	4.4	4.6	5.3	6.3	6.7	7.1
Research.....	0.6	0.7	1.0	1.1	2.1	1.5	1.6	1.9	2.0	2.4	2.4	4.9	4.9	5.2
Other work.....	2.0	2.0	2.8	2.9	2.8	4.7	2.7	3.4	3.7	3.9	4.1	5.8	6.9	7.3

U&amp;C universities and colleges

NOTES: See chapter 2, "Classification of Academic Institutions," for information on the institutional categories used by the Carnegie Foundation for the Advancement of Teaching. Full-time faculty includes full, associate, and assistant professors plus instructors. Other types of positions include full-time nonfaculty positions such as research associates, adjunct positions, lecturers, administrative positions, and part-time positions of all kinds. Details may not add to totals because of rounding.

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