

Appendix table 5-32

Academic S&E doctorate holders with Federal support, by degree field, type of position, and work activity: 1975–2001

(Percent)

Field, position, and work activity	1975	1977	1979	1981	1983	1985 ^a	1987	1989	1991	1993 ^a	1995 ^a	1997 ^a	1999	2001
All fields	42.2	41.6	39.9	42.8	44.3	37.4	48.2	49.4	50.3	36.7	39.4	38.6	46.1	45.4
Research as primary activity.....	79.0	75.4	75.2	80.6	79.9	73.5	79.9	79.8	80.7	67.2	69.1	66.9	73.9	73.9
Research as secondary activity.....	35.6	37.5	35.3	35.3	40.5	28.9	38.7	40.7	40.0	23.9	27.5	26.4	36.6	36.2
Full-time faculty	39.6	38.2	36.2	38.8	41.7	34.3	45.6	46.6	48.0	32.9	35.7	34.7	43.1	43.2
Full-time other.....	58.8	68.1	58.3	58.5	59.4	49.8	60.6	60.9	58.8	42.5	43.1	47.0	49.9	49.1
Postdocs.....	86.3	86.0	82.1	86.3	82.2	78.5	82.1	83.5	84.5	83.1	80.1	74.1	80.3	74.3
Physical sciences	45.2	46.2	44.1	50.4	50.9	43.2	54.6	58.2	56.6	45.5	48.2	46.3	55.7	53.2
Research as primary activity.....	82.4	79.2	79.4	88.9	84.7	79.5	86.2	87.3	88.3	75.3	77.4	75.6	83.0	83.8
Research as secondary activity.....	39.4	39.2	37.7	42.5	49.3	34.4	48.9	52.6	49.5	35.4	38.3	34.8	53.1	46.3
Full-time faculty	39.3	39.9	38.2	44.6	46.5	37.4	49.9	53.5	52.9	37.7	41.6	39.2	50.4	47.9
Full-time other	64.1	75.9	72.4	70.3	72.1	66.1	72.6	72.1	72.0	61.1	52.8	63.8	68.8	64.1
Postdocs	90.2	89.4	81.9	90.2	87.3	84.4	90.5	86.8	87.6	87.1	84.6	80.4	82.5	82.4
Mathematics	19.1	19.0	21.7	21.3	30.1	21.5	31.1	33.5	34.5	18.8	22.3	20.9	29.1	31.9
Research as primary activity.....	50.1	42.3	44.0	52.7	71.0	51.5	66.8	68.1	74.5	40.7	45.9	48.2	60.6	59.5
Research as secondary activity.....	18.2	20.4	20.8	21.6	32.6	19.8	23.8	28.4	26.3	16.5	17.0	15.5	25.4	32.9
Full-time faculty	18.8	18.0	20.4	21.0	29.9	21.4	30.4	32.8	34.0	18.3	21.1	19.4	28.3	30.1
Full-time other	33.5	46.9	54.6	30.1	43.4	29.1	47.8	52.8	67.2	40.6	34.6	43.9	38.4	48.0
Postdocs	35.8	55.1	43.2	56.3	66.3	48.5	34.4	53.4	80.4	—	45.3	35.6	54.7	61.9
Computer sciences.....	NA	NA	34.8	29.7	44.6	45.0	61.7	52.4	49.4	39.9	43.2	41.1	55.6	47.2
Research as primary activity.....	NA	NA	58.3	19.4	84.6	57.2	66.3	74.9	71.2	64.7	75.8	59.4	85.0	82.4
Research as secondary activity.....	NA	NA	23.3	35.8	30.1	19.7	58.7	31.4	27.7	29.0	28.6	43.3	49.5	44.1
Full-time faculty	NA	NA	25.0	26.6	38.1	38.0	58.1	52.8	48.2	37.7	40.7	38.8	54.1	46.8
Full-time other	NA	NA	—	25.0	67.9	80.6	79.7	47.1	67.7	59.1	62.9	63.1	74.9	47.2
Postdocs	NA	NA	57.1	100.0	100.0	0.0	88.2	100.0	—	100.0	78.0	97.2	100.0	100.0
Earth, atmospheric, and ocean sciences	46.0	42.7	45.4	50.2	54.5	51.1	60.2	63.8	66.2	51.2	54.3	58.0	63.3	64.1
Research as primary activity.....	82.0	82.0	78.4	89.0	86.3	85.7	88.4	90.4	89.9	81.9	85.7	84.2	79.8	84.8
Research as secondary activity.....	41.4	37.9	46.3	41.3	47.8	42.0	49.2	52.9	55.5	37.1	38.9	41.2	63.2	60.7
Full-time faculty	43.0	37.8	40.0	45.1	50.3	44.8	54.6	60.2	61.4	45.5	48.6	52.3	61.7	62.3
Full-time other	79.9	80.3	75.2	68.6	78.9	78.4	79.5	80.9	90.7	67.9	72.0	71.0	74.5	70.6
Postdocs	75.0	95.2	96.9	91.9	90.7	96.6	91.7	90.6	73.4	83.3	91.0	85.8	74.3	91.8
Life sciences	58.9	58.1	55.3	59.6	60.0	53.5	65.3	65.1	65.5	52.2	52.5	51.0	57.9	56.6
Research as primary activity.....	85.0	83.0	82.2	85.4	84.6	80.0	87.0	86.7	86.5	76.2	75.3	73.1	79.9	78.9
Research as secondary activity.....	47.4	50.1	44.2	45.9	51.4	39.2	50.6	50.9	50.8	34.8	36.4	34.8	45.1	43.7
Full-time faculty	56.4	54.9	51.4	55.6	57.8	50.5	63.4	62.1	63.7	48.6	49.0	47.6	55.1	55.5
Full-time other	70.9	72.1	64.8	68.5	68.5	58.4	71.0	74.1	67.2	45.8	46.3	46.2	49.9	47.4
Postdocs	87.7	88.4	84.6	86.0	82.6	78.3	82.1	86.8	84.4	84.1	81.9	77.7	82.6	77.6
Psychology	36.1	33.2	32.6	32.7	30.1	25.9	31.2	35.5	34.7	25.7	27.6	27.4	32.9	34.3
Research as primary activity.....	70.1	70.2	72.5	77.3	70.4	66.8	70.5	73.0	70.8	63.8	62.4	65.0	68.2	72.2
Research as secondary activity.....	34.0	29.0	24.9	23.8	26.2	22.2	23.9	29.2	27.0	15.9	19.0	16.7	24.8	26.3
Full-time faculty	34.1	30.6	28.3	27.5	27.3	23.6	28.3	34.0	32.9	25.2	25.1	24.9	31.5	32.9
Full-time other	41.6	65.4	46.3	52.3	40.3	32.7	37.1	39.6	36.3	23.8	30.7	28.3	30.4	38.2
Postdocs	86.4	82.5	86.8	92.0	84.2	70.8	88.1	66.3	95.8	71.7	71.4	71.8	71.8	59.2
Social sciences.....	23.7	23.3	20.4	21.8	23.7	17.2	27.2	27.7	28.4	14.2	16.1	15.2	22.9	21.5
Research as primary activity.....	61.1	51.4	53.6	53.8	55.8	44.5	50.3	49.8	51.2	33.4	37.2	30.1	44.3	43.4
Research as secondary activity.....	20.3	23.4	21.5	18.6	24.3	14.9	24.9	25.8	25.4	8.3	12.2	11.6	18.0	17.0
Full-time faculty	23.7	22.6	19.0	21.2	22.5	16.2	27.1	27.4	27.8	13.4	15.4	14.8	22.5	21.3
Full-time other	31.6	35.3	37.3	32.7	34.0	26.6	36.2	33.8	32.7	22.1	22.6	22.7	29.3	29.4
Postdocs	54.6	54.7	84.9	47.9	64.6	54.7	27.4	57.6	52.5	88.1	68.5	33.9	65.0	35.8
Engineering	50.6	51.1	49.1	51.0	54.7	43.0	57.1	56.3	63.2	42.6	49.9	49.7	56.9	56.8
Research as primary activity.....	81.4	78.0	72.4	80.2	83.9	74.5	82.0	78.1	86.5	69.4	74.5	70.8	75.7	77.2
Research as secondary activity.....	50.5	53.7	52.8	56.8	54.4	38.0	54.8	57.1	58.9	34.3	43.1	41.0	51.0	52.6
Full-time faculty	49.9	49.3	49.5	49.8	54.7	42.2	56.0	55.2	62.9	40.9	48.4	46.4	55.2	56.7
Full-time other	67.3	86.6	53.0	60.7	63.1	44.3	76.4	71.2	66.8	59.5	56.7	67.9	64.2	61.8
Postdocs	84.3	74.7	51.1	98.9	82.7	91.4	74.8	76.0	90.0	65.7	72.7	62.1	80.4	56.8

— too few cases

NA not available

^aNot comparable to the other years and understates degree of Federal support by asking whether work performed during week of April 15 was supported by the Government. In other years, question pertains to work conducted over course of a year.

NOTES: Full-time faculty includes full, associate, and assistant professors plus instructors. Other types of full-time positions include nonfaculty appointments such as research associates, adjunct appointments, lecturers, and administrative positions.

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