Table SLBR-26

Science, engineering, and health doctorate holders employed in academia, by type of position, sex, and degree field: 1973–2019

(Thousands)

Position, sex, and field	1973	1977	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001	2003	2006	2008	2010	2013	2015	2017	2019
All positions																					
Both genders, all fields	118.0	145.5	167.1	176.1	190.2	195.9	206.6	210.6	213.8	217.5	232.5	240.2	245.5	259.5	272.8	276.5	294.8	309.0	329.3	326.6	350.4
Physical sciences	25.5	29.2	30.0	29.9	32.2	32.8	33.6	33.7	35.0	35.7	37.5	38.7	38.6	39.9	39.6	39.9	43.7	44.9	48.4	46.9	49.8
Mathematics and statistics	9.7	11.7	12.4	12.9	13.6	13.8	14.5	15.2	15.5	14.6	15.6	15.2	14.9	16.7	17.4	18.0	18.7	19.0	20.9	20.6	20.6
Computer and information sciences	NA	NA	0.3	0.5	0.8	1.1	1.5	2.0	2.5	3.1	3.3	3.7	3.8	5.2	5.8	6.9	7.3	8.4	9.1	8.9	10.8
Life sciences	34.9	42.6	51.3	54.9	58.7	61.3	64.8	66.9	68.2	71.6	77.3	81.9	84.3	90.0	95.5	94.2	102.0	109.8	112.7	112.6	119.8
Psychology	12.2	16.2	20.1	21.0	23.1	23.7	25.0	25.2	25.0	26.1	27.3	29.0	30.4	31.8	35.0	34.5	35.4	36.3	38.7	38.0	39.8
Social sciences	23.4	31.1	36.9	38.9	42.0	42.2	44.5	44.8	44.4	42.5	44.9	46.2	46.9	48.1	50.0	52.5	54.9	55.9	59.7	59.9	64.8
Engineering	12.4	14.8	16.1	18.1	19.9	21.2	22.9	22.8	23.1	23.8	26.6	25.5	26.6	27.8	29.6	30.4	32.8	34.7	39.7	39.8	45.0
Male, all fields	107.2	129.0	144.0	149.8	159.2	162.0	168.0	168.7	166.9	165.1	173.3	175.8	175.0	180.7	182.7	182.3	189.6	195.0	206.0	201.1	213.2
Physical sciences	24.0	27.4	27.8	27.7	29.8	30.0	30.5	30.8	31.4	31.4	32.4	33.4	32.8	33.7	32.3	32.1	34.4	34.5	36.9	35.2	36.8
Mathematics and statistics	9.0	10.8	11.3	11.8	12.3	12.5	13.0	13.9	13.7	12.8	13.5	12.9	12.6	13.8	14.1	14.1	14.4	14.6	15.7	15.5	15.3
Computer and information sciences	NA	NA	0.3	0.4	0.7	0.9	1.3	1.6	2.1	2.5	2.6	2.9	2.9	4.3	4.5	5.5	5.8	6.7	7.2	6.9	8.3
Life sciences	30.8	36.6	42.9	44.5	46.7	47.9	49.5	50.1	49.4	50.1	52.6	55.1	54.9	56.6	57.9	55.5	58.7	61.8	60.7	60.1	63.1
Psychology	10.0	12.6	14.9	15.1	16.0	16.2	16.5	16.0	14.7	14.7	15.4	15.6	15.7	15.6	16.0	15.6	15.6	15.2	16.4	16.0	15.8
Social sciences	21.0	26.9	30.9	32.3	34.3	33.9	35.1	34.6	33.4	31.3	31.9	32.4	31.7	32.0	31.9	33.1	33.4	33.3	36.4	35.3	37.7
Engineering	12.3	14.7	15.9	17.8	19.5	20.6	22.2	21.8	22.1	22.3	24.8	23.4	24.3	24.8	26.0	26.3	27.3	28.9	32.8	32.3	36.3
Female, all fields	10.7	16.5	23.1	26.5	31.1	34.0	38.7	41.9	46.9	52.4	59.2	64.4	70.5	78.7	90.1	94.2	105.2	114.0	123.3	125.5	137.3
Physical sciences	1.4	1.7	2.1	2.2	2.5	2.8	3.1	3.0	3.6	4.4	5.1	5.3	5.8	6.1	7.3	7.8	9.3	10.4	11.5	11.7	13.0
Mathematics and statistics	0.6	0.9	1.1	1.1	1.3	1.4	1.5	1.4	1.7	1.8	2.1	2.2	2.3	2.9	3.3	3.9	4.3	4.5	5.2	5.2	5.4
Computer and information sciences	NA	NA	0.0	0.1	0.1	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	1.0	1.2	1.4	1.5	1.8	1.9	2.0	2.5
Life sciences	4.0	6.0	8.4	10.3	12.1	13.3	15.3	16.8	18.8	21.5	24.7	26.7	29.4	33.4	37.6	38.7	43.3	48.0	52.0	52.5	56.7
Psychology	2.2	3.6	5.2	5.9	7.1	7.6	8.5	9.2	10.3	11.5	11.9	13.4	14.7	16.2	19.0	18.9	19.8	21.1	22.3	22.0	24.0
Social sciences	2.4	4.2	6.0	6.5	7.7	8.3	9.4	10.2	10.9	11.2	13.0	13.8	15.2	16.2	18.2	19.5	21.5	22.6	23.4	24.6	27.2
Engineering	0.1	0.1	0.2	0.3	0.4	0.6	0.7	1.0	1.1	1.5	1.7	2.1	2.3	3.0	3.6	4.1	5.5	5.7	7.0	7.5	8.7
Full-time senior faculty[a]																					
Both genders, all fields	74.0	90.7	107.3	115.6	119.7	127.3	131.0	133.0	128.6	127.3	131.9	136.7	136.9	142.0	139.4	147.5	152.8	158.0	168.2	162.4	182.1
Physical sciences	15.2	18.0	19.7	20.2	20.8	21.5	21.4	21.2	20.6	20.0	20.5	20.7	20.7	21.3	20.2	20.9	22.4	22.2	23.2	22.5	25.1
Mathematics and statistics	5.9	7.6	9.1	9.7	10.0	10.5	10.9	11.8	11.5	10.6	10.8	10.8	10.2	11.2	10.7	11.6	11.5	11.7	13.1	12.5	12.6
Computer and information sciences	NA	NA	0.0	0.1	0.1	0.3	0.4	0.9	0.9	1.7	1.7	2.1	2.4	2.9	3.2	3.8	4.2	4.9	5.3	5.0	5.9
Life sciences	21.0	24.6	29.6	32.6	33.7	35.8	36.4	37.4	35.8	37.2	38.3	40.6	41.2	43.4	43.7	44.8	47.2	49.8	49.7	48.1	54.2
Psychology	7.3	9.1	11.7	12.8	13.5	14.3	15.0	15.3	14.3	14.5	15.3	15.6	15.9	15.8	16.1	17.0	17.0	18.0	19.1	19.5	20.7
Social sciences	15.9	20.7	24.9	26.3	27.7	29.5	31.1	30.6	29.9	28.1	28.8	30.1	29.6	30.7	29.3	32.0	32.8	33.0	35.9	34.3	39.1
Engineering	8.7	10.7	12.4	13.7	13.9	15.3	15.9	15.8	15.7	15.3	16.6	16.6	16.8	16.8	16.2	17.6	17.7	18.5	21.8	20.6	24.6
Male, all fields	69.7	84.7	98.7	104.9	107.4	113.2	115.2	115.5	110.3	107.0	109.4	110.6	108.3	109.7	104.6	108.1	109.9	111.4	116.1	109.7	122.2

Table SLBR-26

Science, engineering, and health doctorate holders employed in academia, by type of position, sex, and degree field: 1973–2019

(Thousands)

Position, sex, and field	1973	1977	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001	2003	2006	2008	2010	2013	2015	2017	2019
Physical sciences	14.7	17.4	19.0	19.4	20.0	20.6	20.3	20.3	19.5	18.8	18.9	19.0	18.6	18.9	17.6	17.9	18.9	18.2	18.6	17.9	19.7
Mathematics and statistics	5.6	7.2	8.6	9.1	9.3	9.8	10.0	10.8	10.5	9.8	10.0	9.7	9.1	9.9	9.2	9.6	9.4	9.9	10.4	10.0	9.8
Computer and information sciences	NA	NA	0.0	0.1	0.1	0.3	0.4	0.8	0.8	1.4	1.3	1.6	2.0	2.4	2.6	3.1	3.5	3.9	4.3	4.0	4.8
Life sciences	19.5	22.7	26.9	29.1	29.4	31.0	31.0	31.4	29.3	29.3	30.0	31.1	30.4	30.9	30.4	30.2	31.0	32.2	30.4	29.2	32.6
Psychology	6.4	7.8	9.7	10.5	10.8	11.2	11.5	11.3	10.2	10.1	10.7	10.3	10.3	9.5	9.1	9.3	9.3	9.2	9.9	9.7	9.8
Social sciences	14.7	18.8	22.3	23.2	24.1	25.3	26.4	25.5	24.7	22.8	22.4	23.2	21.9	22.4	20.7	21.7	21.9	21.5	23.8	21.6	24.8
Engineering	8.7	10.7	12.2	13.6	13.7	15.1	15.7	15.4	15.3	14.8	16.1	15.8	15.9	15.7	15.0	16.3	16.0	16.5	18.8	17.5	21.0
Female, all fields	4.3	6.0	8.6	10.7	12.4	14.0	15.8	17.6	18.3	20.3	22.5	26.1	28.6	32.3	34.8	39.4	42.8	46.6	52.0	52.7	59.8
Physical sciences	0.5	0.6	0.7	0.8	0.9	1.0	1.1	0.9	1.1	1.2	1.5	1.9	2.1	2.4	2.7	3.1	3.6	4.0	4.6	4.6	5.5
Mathematics and statistics	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.0	0.8	0.8	1.1	1.1	1.3	1.4	1.9	2.1	1.8	2.7	2.6	2.8
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.5	0.4	0.5	0.6	0.6	0.7	0.9	1.0	1.0	1.1
Life sciences	1.5	1.9	2.7	3.5	4.3	4.8	5.4	6.1	6.5	7.8	8.3	9.5	10.8	12.5	13.3	14.6	16.2	17.5	19.3	18.9	21.6
Psychology	0.8	1.2	2.0	2.4	2.7	3.1	3.5	4.0	4.1	4.4	4.6	5.4	5.6	6.3	7.0	7.7	7.6	8.7	9.2	9.8	11.0
Social sciences	1.1	1.8	2.6	3.1	3.6	4.1	4.7	5.1	5.2	5.3	6.4	7.0	7.7	8.3	8.7	10.2	10.9	11.6	12.2	12.8	14.3
Engineering	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.4	0.3	0.5	0.5	0.8	0.9	1.1	1.2	1.3	1.7	2.0	3.0	3.1	3.7
Full-time junior faculty[b]																					
Both genders, all fields	29.3	34.9	34.6	32.8	37.2	37.2	38.7	40.1	43.8	44.0	42.2	43.1	45.4	48.6	53.7	51.6	54.1	56.4	59.5	61.1	64.8
Physical sciences	5.6	5.7	4.6	4.0	4.6	4.7	4.8	5.0	5.2	5.6	5.3	5.9	5.7	6.4	6.7	6.6	6.9	7.3	7.9	7.2	7.9
Mathematics and statistics	3.3	3.3	2.6	2.5	2.7	2.4	2.6	2.4	3.2	2.4	2.6	2.2	2.1	2.8	3.3	3.2	3.6	3.8	3.7	3.8	3.8
Computer and information sciences	NA	NA	0.2	0.3	0.6	0.6	0.9	1.0	1.4	1.2	1.2	1.1	0.9	1.3	1.7	1.9	1.5	1.5	1.9	2.1	2.8
Life sciences	8.5	10.3	11.3	10.8	11.9	12.3	12.8	13.7	15.0	15.6	15.2	15.5	17.1	18.3	19.1	18.7	19.5	20.8	21.1	22.0	23.0
Psychology	3.6	4.8	4.8	4.5	5.0	4.9	5.2	5.4	5.2	5.5	4.7	5.4	5.8	5.7	7.1	6.1	6.4	6.1	6.8	6.8	7.2
Social sciences	5.7	8.2	8.8	8.1	8.4	8.2	7.9	8.4	9.3	9.0	8.5	8.6	9.1	8.9	9.9	10.1	10.4	10.5	10.7	11.7	11.4
Engineering	2.6	2.7	2.3	2.7	4.0	4.0	4.3	4.3	4.5	4.8	4.7	4.3	4.8	5.1	5.9	5.1	5.7	6.5	7.4	7.6	8.8
Male, all fields	26.0	28.9	27.1	25.2	27.8	27.2	27.6	28.1	29.7	28.5	27.0	27.5	28.2	29.2	31.1	30.1	30.1	31.1	34.2	35.0	35.9
Physical sciences	5.2	5.2	4.1	3.5	3.9	4.1	4.1	4.1	4.2	4.1	3.9	4.5	4.2	4.9	4.9	4.8	4.9	5.3	5.6	5.1	5.7
Mathematics and statistics	3.1	2.9	2.2	2.2	2.3	2.0	2.2	2.2	2.7	2.0	2.0	1.6	1.5	2.0	2.3	2.3	2.5	2.4	2.3	2.6	2.6
Computer and information sciences	NA	NA	0.2	0.3	0.5	0.5	0.8	0.8	1.1	1.0	1.0	0.9	0.7	1.0	1.2	1.4	1.1	1.1	1.4	1.6	2.2
Life sciences	7.5	8.4	8.9	8.1	8.5	8.5	8.4	8.8	9.5	9.5	8.9	9.3	10.2	10.3	10.4	9.8	9.7	10.2	10.6	10.9	10.7
Psychology	2.7	3.3	3.0	2.6	2.7	2.7	2.9	3.0	2.3	2.4	1.8	2.4	2.3	2.3	2.6	2.4	2.2	2.0	2.5	2.4	2.4
Social sciences	5.0	6.5	6.5	5.9	6.0	5.6	5.2	5.3	5.9	5.5	5.3	5.1	5.2	4.5	5.0	5.6	5.7	5.4	5.9	6.5	5.8
Engineering	2.6	2.7	2.2	2.6	3.8	3.8	4.0	3.9	4.0	4.1	4.2	3.8	4.1	4.3	4.6	3.8	3.9	4.8	5.8	6.0	6.8
Female, all fields	3.3	6.0	7.5	7.7	9.4	10.0	11.2	12.0	14.1	15.6	15.2	15.6	17.2	19.3	22.6	21.5	23.9	25.3	25.3	26.1	28.9
Physical sciences	0.3	0.5	0.5	0.5	0.6	0.7	0.7	0.9	1.1	1.5	1.4	1.4	1.5	1.5	1.8	1.8	2.0	2.1	2.3	2.1	2.3
Mathematics and statistics	0.2	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.5	0.5	0.6	0.7	0.5	0.8	1.0	1.0	1.1	1.4	1.3	1.2	1.2

Table SLBR-26

Science, engineering, and health doctorate holders employed in academia, by type of position, sex, and degree field: 1973–2019

(Thousands)

Position, sex, and field	1973	1977	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001	2003	2006	2008	2010	2013	2015	2017	2019
Computer and information sciences	NA	NA	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.4	0.5	0.4	0.3	0.5	0.5	0.7
Life sciences	1.1	1.9	2.4	2.7	3.4	3.8	4.5	4.9	5.5	6.1	6.3	6.2	6.9	8.0	8.7	8.9	9.8	10.6	10.5	11.1	12.3
Psychology	0.9	1.5	1.8	1.9	2.3	2.2	2.3	2.4	2.9	3.1	2.9	3.0	3.5	3.4	4.5	3.7	4.2	4.1	4.4	4.5	4.9
Social sciences	0.8	1.7	2.3	2.1	2.4	2.6	2.7	3.0	3.4	3.5	3.2	3.5	3.9	4.4	4.9	4.4	4.7	5.2	4.8	5.3	5.7
Engineering	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.6	0.5	0.7	0.8	1.3	1.3	1.8	1.6	1.6	1.6	2.0
Other full-time positions[c]																					
Both genders, all fields	7.6	8.8	12.6	13.4	18.1	16.4	19.2	20.2	22.2	23.9	29.1	31.9	34.8	39.9	40.6	43.9	48.2	55.8	62.6	64.2	65.8
Physical sciences	2.2	2.4	2.9	3.0	3.7	3.4	4.0	4.1	4.8	4.9	6.6	7.3	7.7	8.4	7.2	7.4	7.9	8.8	11.2	11.3	11.0
Mathematics and statistics	0.2	0.4	0.4	0.3	0.5	0.4	0.5	0.7	0.5	0.6	1.0	0.8	1.1	1.4	1.3	1.7	1.8	2.1	2.4	2.3	2.2
Computer and information sciences	NA	NA	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.7	0.6	0.9	1.0	1.5	1.3	1.4	1.6
Life sciences	2.5	2.8	4.0	4.6	6.2	6.0	6.7	7.2	7.7	8.4	9.8	11.2	12.3	14.2	15.5	16.2	18.4	22.2	25.0	26.3	26.5
Psychology	0.8	1.2	2.2	2.2	2.9	2.8	2.9	2.8	3.9	3.9	4.3	4.6	4.9	6.3	6.5	6.8	7.1	6.9	7.9	7.4	7.8
Social sciences	1.0	1.2	2.0	2.2	3.2	2.6	3.5	3.5	3.7	3.6	4.0	4.4	4.7	5.0	6.1	6.2	6.9	7.7	8.3	8.0	9.2
Engineering	0.8	0.8	1.1	1.1	1.5	1.1	1.5	1.8	1.5	2.1	3.2	3.0	3.6	3.9	3.3	4.7	5.1	6.3	6.5	7.5	7.6
Male, all fields	6.5	7.4	10.0	10.3	14.3	12.0	13.9	14.4	15.4	16.1	19.5	22.4	23.1	26.0	25.6	26.2	28.1	32.3	35.2	35.9	35.5
Physical sciences	2.1	2.2	2.6	2.7	3.4	2.9	3.5	3.6	4.2	4.1	5.6	6.4	6.6	7.1	5.9	5.6	5.9	6.5	8.5	8.0	7.9
Mathematics and statistics	0.1	0.4	0.3	0.2	0.4	0.5	0.4	0.5	0.4	0.4	0.8	0.7	0.9	1.0	0.9	1.2	1.1	1.3	1.8	1.7	1.3
Computer and information sciences	NA	NA	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.6	0.6	0.7	0.9	1.1	1.0	1.0	1.1
Life sciences	2.0	2.2	3.0	3.2	4.6	4.1	4.6	4.9	5.1	5.6	6.0	7.2	7.3	8.3	9.0	8.6	9.5	11.1	12.3	12.9	12.6
Psychology	0.7	0.9	1.4	1.4	1.8	1.6	1.5	1.2	1.9	1.7	1.9	2.2	2.1	2.6	2.8	2.6	2.7	2.5	2.4	2.6	2.5
Social sciences	0.8	0.9	1.6	1.7	2.5	1.8	2.4	2.4	2.2	2.1	2.2	2.7	2.7	3.1	3.5	3.3	3.7	4.3	4.1	3.9	4.6
Engineering	0.8	0.8	1.1	1.0	1.5	1.0	1.4	1.7	1.5	2.0	2.9	2.7	3.2	3.3	2.8	3.9	4.3	5.2	5.2	5.8	5.7
Female, all fields	1.1	1.4	2.6	3.1	3.8	4.5	5.3	5.8	6.7	7.7	9.4	9.6	11.6	13.9	15.0	17.7	20.1	23.5	27.5	28.3	30.3
Physical sciences	0.1	0.2	0.3	0.3	0.3	0.5	0.5	0.5	0.6	0.8	1.0	0.8	1.1	1.3	1.4	1.6	2.0	2.3	2.6	3.2	3.2
Mathematics and statistics	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.2	0.3	0.3	0.5	0.7	0.7	0.7	0.7	0.9
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.5
Life sciences	0.6	0.6	1.0	1.3	1.6	1.8	2.1	2.4	2.6	2.8	3.7	4.1	5.0	5.9	6.5	7.6	8.9	11.0	12.9	13.5	13.9
Psychology	0.2	0.3	0.8	0.8	1.1	1.3	1.4	1.6	2.0	2.2	2.4	2.5	2.8	3.5	3.7	4.2	4.4	4.4	5.4	4.9	5.4
Social sciences	0.2	0.2	0.4	0.5	0.7	0.8	1.1	1.1	1.5	1.5	1.8	1.7	1.9	1.9	2.6	2.9	3.2	3.3	4.2	3.9	4.6
Engineering	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.3	0.4	0.6	0.5	0.8	0.7	0.9	1.5	1.7	2.0
Postdoctorates																					
Both genders, all fields	4.2	7.6	8.5	8.3	8.7	9.3	11.5	9.9	13.3	16.8	18.9	18.5	17.5	15.7	23.3	17.8	22.8	20.2	19.2	18.4	18.6
Physical sciences	1.8	2.4	2.1	1.6	2.1	2.3	2.7	2.2	3.5	4.4	3.8	3.4	3.0	2.6	3.9	3.3	4.6	4.0	3.3	3.4	3.6
Mathematics and statistics	0.0	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.0	0.5	0.5	0.6	0.8	0.5	1.0	0.5	0.7	0.4	0.5	0.5	0.7
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.3	0.2	0.3	0.2	0.2

Table SLBR-26

Science, engineering, and health doctorate holders employed in academia, by type of position, sex, and degree field: 1973–2019

(Thousands)

Position, sex, and field	1973	1977	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001	2003	2006	2008	2010	2013	2015	2017	2019
Life sciences	1.9	3.9	5.2	5.1	5.3	5.4	6.8	6.3	8.2	9.1	10.8	11.6	11.0	10.0	12.8	10.3	12.2	11.9	11.7	10.6	10.5
Psychology	0.2	0.5	0.6	0.6	0.7	0.7	0.8	0.5	0.4	1.1	1.3	1.2	1.2	0.9	1.7	1.0	1.1	1.0	0.8	0.7	0.8
Social sciences	0.1	0.3	0.3	0.6	0.3	0.1	0.4	0.3	0.2	0.4	0.7	0.5	0.6	0.5	0.9	0.3	0.8	0.4	0.4	0.6	0.5
Engineering	0.2	0.4	0.2	0.3	0.2	0.5	0.6	0.5	1.0	1.2	1.7	1.1	0.9	1.1	3.0	2.1	3.1	2.4	2.2	2.6	2.3
Male, all fields	3.5	6.1	6.3	5.8	6.0	6.8	8.2	6.8	9.2	11.1	12.1	11.2	10.5	9.8	13.8	10.8	13.8	12.0	11.0	10.9	10.7
Physical sciences	1.6	2.1	1.8	1.4	1.7	1.9	2.2	1.8	2.9	3.7	3.0	2.7	2.3	2.1	2.9	2.5	3.4	2.8	2.3	2.5	2.6
Mathematics and statistics	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.3	0.3	0.5	0.6	0.3	0.8	0.4	0.6	0.3	0.4	0.5	0.6
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.1	0.2
Life sciences	1.5	2.9	3.6	3.3	3.4	3.8	4.7	4.1	5.2	5.5	6.2	6.6	6.2	5.7	6.7	5.5	6.6	6.6	5.8	5.5	5.3
Psychology	0.1	0.4	0.5	0.3	0.4	0.3	0.4	0.3	0.1	0.3	0.6	0.2	0.4	0.4	0.5	0.4	0.4	0.2	0.3	0.3	0.3
Social sciences	0.1	0.2	0.1	0.4	0.2	0.1	0.2	0.2	0.1	0.2	0.5	0.3	0.3	0.3	0.4	0.1	0.4	0.2	0.2	0.2	0.2
Engineering	0.2	0.4	0.2	0.3	0.2	0.5	0.5	0.4	0.9	1.0	1.4	0.9	0.7	0.9	2.4	1.7	2.2	1.8	1.7	1.9	1.7
Female, all fields	0.6	1.6	2.2	2.5	2.6	2.6	3.3	3.0	4.1	5.7	6.8	7.3	6.9	6.0	9.5	7.0	8.9	8.2	8.2	7.5	7.8
Physical sciences	0.2	0.3	0.2	0.2	0.3	0.3	0.4	0.3	0.7	0.7	0.7	0.8	0.7	0.5	1.0	0.8	1.2	1.2	1.0	0.9	1.1
Mathematics and statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	s	0.1
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	s	0.1	s	0.1	0.1	s
Life sciences	0.4	1.1	1.6	1.8	1.8	1.8	2.2	2.3	3.0	3.7	4.6	5.1	4.7	4.3	6.1	4.8	5.6	5.2	5.8	5.0	5.2
Psychology	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.3	0.3	0.7	0.8	0.9	0.8	0.5	1.1	0.6	0.7	0.8	0.5	0.4	0.5
Social sciences	0.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.5	0.2	0.5	0.2	0.2	0.4	0.4
Engineering	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.6	0.4	0.8	0.6	0.5	0.8	0.6
Part-time positions[d]																					
Both genders, all fields	2.9	3.4	4.0	6.0	6.5	5.7	6.2	7.4	5.9	5.5	8.9	8.2	9.0	13.3	15.7	15.6	17.0	18.5	19.8	20.6	19.3
Physical sciences	0.7	0.7	0.7	1.1	1.1	0.8	0.7	1.2	1.0	0.9	1.2	1.0	1.0	1.1	1.5	1.6	2.0	2.5	2.8	2.6	2.3
Mathematics and statistics	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.5	0.7	0.7	0.6	0.9	1.2	1.0	1.1	1.1	1.2	1.6	1.4
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.3	0.3	0.3	0.4
Life sciences	0.9	1.0	1.2	1.7	1.7	1.6	1.9	2.3	1.6	1.2	2.9	2.6	2.4	4.0	4.4	4.3	4.6	5.2	5.2	5.7	5.7
Psychology	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.2	1.2	1.1	1.1	1.3	1.8	3.2	3.6	3.7	3.8	4.2	4.1	3.6	3.3
Social sciences	0.7	0.8	1.0	1.6	2.2	1.8	1.7	2.0	1.3	1.3	2.6	2.2	2.7	3.1	3.7	4.0	4.0	4.2	4.4	5.4	4.7
Engineering	0.1	0.1	0.2	0.4	0.3	0.3	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.8	1.1	0.9	1.2	1.1	1.8	1.5	1.7
Male, all fields	1.5	1.8	1.9	3.5	3.6	2.7	3.1	3.8	2.3	2.4	4.4	3.4	3.8	6.1	7.6	7.0	7.6	8.0	9.5	9.7	8.8
Physical sciences	0.4	0.5	0.4	0.9	0.7	0.5	0.4	0.8	0.7	0.7	0.8	0.7	0.6	0.7	1.1	1.1	1.3	1.7	1.9	1.8	1.2
Mathematics and statistics	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.3	0.3	0.4	0.3	0.6	0.9	0.6	0.7	0.7	0.8	0.8	1.0
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	s	0.2	s	0.2	0.3	0.2
Life sciences	0.4	0.4	0.4	0.7	0.7	0.5	0.8	1.0	0.4	0.3	1.3	0.8	0.7	1.3	1.5	1.4	1.8	1.6	1.6	1.6	1.9
Psychology	0.1	0.2	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.3	0.3	0.3	0.8	0.9	1.0	1.0	1.2	1.3	1.1	1.0

Table SLBR-26

Science, engineering, and health doctorate holders employed in academia, by type of position, sex, and degree field: 1973–2019

(Thousands)

Position, sex, and field	1973	1977	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001	2003	2006	2008	2010	2013	2015	2017	2019
Social sciences	0.4	0.4	0.5	1.1	1.4	1.0	0.8	1.2	0.5	0.7	1.4	1.0	1.4	1.7	2.2	2.3	1.8	2.0	2.4	3.2	2.4
Engineering	0.1	0.1	0.2	0.3	0.3	0.3	0.5	0.5	0.4	0.3	0.2	0.2	0.4	0.7	1.0	0.6	0.8	0.6	1.3	1.1	1.3
Female, all fields	1.4	1.6	2.1	2.5	2.9	3.0	3.1	3.5	3.6	3.1	4.5	4.9	5.1	7.3	8.1	8.6	9.4	10.5	10.3	10.9	10.5
Physical sciences	0.3	0.2	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.2	0.4	0.4	0.3	0.4	0.5	0.5	0.7	0.8	1.0	0.9	1.1
Mathematics and statistics	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.3	0.3	0.2	0.3	0.4	0.4	0.4	0.4	0.7	0.5
Computer and information sciences	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	s	0.1	0.1	0.1	0.1	0.2
Life sciences	0.5	0.6	0.7	0.9	1.0	1.1	1.1	1.3	1.2	0.9	1.6	1.8	1.7	2.7	3.0	2.9	2.9	3.6	3.5	4.0	3.8
Psychology	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.9	1.1	1.0	0.8	1.0	1.5	2.4	2.8	2.7	2.8	3.0	2.8	2.5	2.3
Social sciences	0.3	0.3	0.5	0.5	0.9	0.8	0.8	0.8	0.8	0.7	1.2	1.2	1.3	1.4	1.5	1.7	2.2	2.2	2.0	2.3	2.3
Engineering	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.3	0.3	0.5	0.4	0.4	0.5

NA = not available; s = suppressed for reasons of confidentiality and/or reliability.

[a] Full-time senior faculty include full professors and associate professors.

[b] Full-time junior faculty include assistant professors and instructors from 1973 to 1995; from 1997 to 2019, full-time junior faculty include assistant professors.

[c] Other full-time positions include those such as research associates, adjunct positions, lecturers, and administrative positions from 1973 to 1995; from 1997 to 2019, other full-time positions also include instructors.

[d] Part-time positions exclude those employed part time because they are students or retired.

Note(s):
Detail may not add to total because of rounding. Academic employment is limited to U.S. doctorate holders employed at 2- or 4-year colleges or universities, medical schools, and university research institutes. Physical sciences include earth, atmospheric, and ocean sciences; life sciences include biological, agricultural, and environmental life and health sciences.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients (SDR).

Science and Engineering Indicators