

Table D-3. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment status: 1995

Highest degree, occupation, and sex	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
All degree levels¹								
All occupations, total²	11,987,100	10,114,500	9,098,200	1,016,300	245,900	1,626,700	928,700	698,000
Male	7,892,900	6,834,200	6,434,000	400,200	161,500	897,200	709,600	187,600
Female	4,094,200	3,280,300	2,664,300	616,000	84,400	729,500	219,000	510,500
S&E occupations, total	3,708,400	3,185,600	2,942,600	243,000	70,600	452,200	316,600	135,700
Male	2,873,000	2,472,100	2,346,200	125,800	56,100	344,800	291,400	53,400
Female	835,500	713,500	596,400	117,100	14,500	107,500	25,200	82,200
Scientists, total	2,096,500	1,846,600	1,659,600	186,900	34,400	215,500	113,700	101,800
Male	1,394,900	1,248,100	1,169,700	78,400	23,500	123,400	90,600	32,800
Female	701,500	598,500	490,000	108,500	10,900	92,200	23,100	69,100
Computer/math scientists, total	1,037,000	949,500	888,400	61,000	16,800	70,800	35,200	35,500
Male	724,000	674,500	647,700	26,800	12,600	36,800	28,100	8,700
Female	313,000	275,000	240,800	34,200	4,100	33,900	7,100	26,800
Life/related scientists, total ..	364,700	305,300	276,000	29,300	6,200	53,200	26,300	26,900
Male	234,500	199,400	186,500	13,000	3,300	31,800	21,400	10,400
Female	130,200	105,900	89,500	16,400	2,900	21,400	4,900	16,500
Physical/related scientists, total	331,000	274,300	249,500	24,900	7,500	49,200	33,500	15,700
Male	255,200	215,200	198,900	16,300	5,600	34,400	28,400	6,000
Female	75,800	59,100	50,500	8,600	1,800	14,900	5,100	9,800
Social/related scientists, total	363,800	317,500	245,800	71,700	3,900	42,400	18,700	23,700
Male	181,300	159,000	136,700	22,300	1,900	20,400	12,700	7,700
Female	182,500	158,500	109,100	49,400	2,000	22,000	6,000	16,000
Engineers, total	1,611,900	1,339,000	1,283,000	56,000	36,200	236,700	202,900	33,800
Male	1,478,000	1,224,000	1,176,500	47,400	32,600	221,400	200,800	20,700
Female	133,900	115,000	106,400	8,600	3,600	15,300	2,100	13,200
Non-S&E occupations, total	8,278,700	6,928,900	6,155,600	773,300	175,300	1,174,500	612,100	562,400
Male	5,020,000	4,362,100	4,087,700	274,400	105,400	552,400	418,300	134,200
Female	3,258,700	2,566,800	2,067,900	498,900	69,900	622,000	193,800	428,200
Managers/administrators	2,245,900	1,963,200	1,883,500	79,700	32,700	250,000	187,900	62,100
Male	1,650,100	1,440,400	1,401,800	38,600	27,800	181,800	167,200	14,700
Female	595,900	522,800	481,700	41,100	4,900	68,200	20,800	47,400
Other non-S&E occupations ..	6,032,800	4,965,700	4,272,100	693,600	142,600	924,500	424,200	500,300
Male	3,369,900	2,921,700	2,685,900	235,800	77,600	370,600	251,100	119,500
Female	2,662,900	2,044,000	1,586,200	457,800	65,000	553,800	173,000	380,800

See explanatory information, if any, and SOURCE at end of table.

Table D-3. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment status: 1995

Highest degree, occupation, and sex	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Bachelor's								
All occupations, total²	7,186,800	5,926,700	5,304,000	622,700	164,400	1,095,600	575,700	519,800
Male	4,638,200	3,944,300	3,708,100	236,200	107,200	586,700	449,100	137,600
Female	2,548,600	1,982,500	1,595,900	386,500	57,200	508,900	126,600	382,300
S&E occupations, total	2,182,200	1,845,800	1,727,400	118,400	40,200	296,200	208,000	88,200
Male	1,730,900	1,466,400	1,398,800	67,700	32,800	231,600	196,100	35,500
Female	451,300	379,400	328,600	50,700	7,300	64,500	11,900	52,700
Scientists, total	1,068,000	937,500	854,900	82,500	17,300	113,300	48,100	65,200
Male	709,700	637,800	601,300	36,500	12,000	59,800	37,800	22,000
Female	358,400	299,600	253,600	46,000	5,300	53,500	10,300	43,200
Computer/math scientists, total	681,300	625,500	591,800	33,700	10,500	45,300	19,800	25,500
Male	467,100	437,800	424,800	13,000	8,200	21,100	16,000	5,100
Female	214,200	187,700	166,900	20,800	2,300	24,200	3,800	20,400
Life/related scientists, total ..	151,600	122,200	105,600	16,600	2,400	26,900	8,400	18,500
Male	91,600	75,300	68,500	6,900	1,000	15,300	6,600	8,700
Female	60,000	46,900	37,100	9,800	1,400	11,700	1,800	9,900
Physical/related scientists, total	158,200	128,300	114,500	13,800	3,200	26,700	16,600	10,100
Male	114,000	94,500	85,500	9,000	2,500	16,900	13,200	3,700
Female	44,200	33,800	28,900	4,800	700	9,800	3,400	6,400
Social/related scientists, total	76,900	61,500	43,100	18,300	1,100	14,300	3,200	11,000
Male	37,000	30,200	22,500	7,800	300	6,400	1,900	4,500
Female	39,900	31,300	20,700	10,600	800	7,800	1,300	6,500
Engineers, total	1,114,100	908,300	872,500	35,900	22,900	182,900	159,900	23,000
Male	1,021,200	828,600	797,500	31,100	20,800	171,800	158,400	13,500
Female	92,900	79,800	75,000	4,700	2,100	11,100	1,600	9,500
Non-S&E occupations, total	5,004,600	4,080,900	3,576,600	504,300	124,300	799,400	367,700	431,700
Male	2,907,300	2,477,900	2,309,300	168,500	74,400	355,100	253,000	102,100
Female	2,097,300	1,603,100	1,267,300	335,800	49,900	444,400	114,800	329,600
Managers/administrators	1,276,300	1,095,200	1,049,700	45,500	19,400	161,700	122,800	38,900
Male	934,000	798,800	775,700	23,100	16,100	119,100	109,400	9,600
Female	342,300	296,400	273,900	22,400	3,300	42,700	13,400	29,200
Other non-S&E occupations ..	3,728,300	2,985,800	2,526,900	458,800	104,900	637,700	244,900	392,800
Male	1,973,300	1,679,100	1,533,600	145,500	58,300	236,000	143,600	92,400
Female	1,755,000	1,306,700	993,300	313,400	46,600	401,700	101,300	300,400

See explanatory information, if any, and SOURCE at end of table.

Table D-3. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment status: 1995

Highest degree, occupation, and sex	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Master's								
All occupations, total²	3,114,600	2,656,800	2,383,400	273,400	59,800	398,000	260,100	137,900
Male	1,978,400	1,720,800	1,623,400	97,400	39,800	217,800	181,600	36,200
Female	1,136,100	936,000	760,000	176,000	20,000	180,200	78,500	101,600
S&E occupations, total	1,021,400	891,600	799,000	92,600	22,500	107,400	69,800	37,500
Male	752,200	660,200	620,100	40,000	17,500	74,500	61,100	13,300
Female	269,300	231,400	178,900	52,500	5,000	32,900	8,700	24,200
Scientists, total	606,100	532,900	456,900	75,900	11,300	61,900	33,900	28,000
Male	372,000	331,800	305,000	26,800	7,300	32,900	25,700	7,300
Female	234,100	201,000	152,000	49,100	4,100	29,000	8,300	20,700
Computer/math scientists, total	293,300	267,200	243,800	23,300	5,500	20,700	11,800	8,900
Male	205,800	189,700	178,800	10,900	3,800	12,200	9,300	2,900
Female	87,600	77,400	65,000	12,400	1,600	8,500	2,500	6,000
Life/related scientists, total ..	77,600	63,700	55,700	8,000	1,200	12,700	7,000	5,700
Male	42,500	35,900	33,000	3,000	600	6,000	5,000	1,000
Female	35,000	27,700	22,700	5,000	600	6,700	2,000	4,700
Physical/related scientists, total ..	81,300	67,200	59,500	7,600	2,500	11,700	7,800	3,800
Male	61,200	51,300	46,600	4,600	1,700	8,300	7,200	1,100
Female	20,100	15,900	12,900	3,000	800	3,400	700	2,700
Social/related scientists, total	153,900	134,900	97,900	37,000	2,200	16,800	7,300	9,500
Male	62,500	54,900	46,500	8,400	1,200	6,400	4,200	2,300
Female	91,300	80,000	51,400	28,600	1,000	10,400	3,100	7,300
Engineers, total	415,300	358,700	342,100	16,700	11,200	45,400	35,900	9,500
Male	380,200	328,400	315,200	13,200	10,300	41,500	35,500	6,100
Female	35,200	30,400	26,900	3,400	900	3,900	400	3,500
Non-S&E occupations, total	2,093,100	1,765,200	1,584,400	180,800	37,300	290,600	190,300	100,400
Male	1,226,200	1,060,600	1,003,300	57,400	22,300	143,300	120,400	22,900
Female	866,900	704,600	581,100	123,400	15,000	147,300	69,800	77,500
Managers/administrators	781,700	697,100	669,300	27,800	11,600	73,000	52,000	21,000
Male	569,000	509,000	497,400	11,500	10,100	49,900	45,700	4,200
Female	212,700	188,200	171,900	16,200	1,500	23,100	6,300	16,700
Other non-S&E occupations ..	1,311,400	1,068,100	915,100	153,000	25,700	217,700	138,200	79,400
Male	657,300	551,700	505,900	45,800	12,200	93,400	74,800	18,700
Female	654,200	516,400	409,200	107,200	13,500	124,200	63,500	60,800

See explanatory information, if any, and SOURCE at end of table.

Table D-3. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment status: 1995

Highest degree, occupation, and sex	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate								
All occupations, total²	778,400	689,900	639,500	50,400	14,000	74,500	57,800	16,700
Male	588,500	522,500	494,800	27,700	9,500	56,500	49,900	6,600
Female	189,800	167,400	144,700	22,700	4,400	17,900	7,900	10,100
S&E occupations, total	468,500	417,100	388,300	28,800	7,400	44,000	35,100	8,900
Male	364,000	323,700	307,100	16,600	5,400	35,000	31,200	3,800
Female	104,500	93,500	81,200	12,300	2,000	9,100	4,000	5,100
Scientists, total	389,900	347,500	321,900	25,600	5,200	37,200	29,000	8,200
Male	291,100	258,900	245,100	13,800	3,800	28,400	25,100	3,200
Female	98,800	88,600	76,800	11,900	1,400	8,800	3,800	4,900
Computer/math scientists, total	59,000	53,700	49,700	4,000	800	4,500	3,400	1,100
Male	48,000	44,100	41,200	3,000	600	3,300	2,600	600
Female	11,000	9,600	8,600	1,000	200	1,300	800	400
Life/related scientists, total ..	116,300	102,300	98,600	3,700	2,000	12,000	9,500	2,500
Male	85,800	75,300	72,900	2,400	1,300	9,200	8,500	600
Female	30,500	27,000	25,700	1,300	700	2,800	1,000	1,900
Physical/related scientists, total	90,800	78,700	75,400	3,300	1,800	10,300	8,600	1,700
Male	79,800	69,300	66,700	2,600	1,500	9,100	8,000	1,000
Female	11,000	9,400	8,700	700	300	1,300	600	700
Social/related scientists, total	123,700	112,800	98,100	14,700	600	10,300	7,400	2,900
Male	77,400	70,200	64,400	5,800	400	6,900	5,900	900
Female	46,300	42,600	33,700	8,900	200	3,400	1,500	1,900
Engineers, total	78,700	69,600	66,400	3,200	2,200	6,900	6,100	700
Male	72,900	64,800	62,000	2,800	1,600	6,600	6,000	500
Female	5,700	4,800	4,400	400	600	300	100	200
Non-S&E occupations, total	309,800	272,800	251,200	21,600	6,600	30,400	22,600	7,800
Male	224,500	198,800	187,700	11,100	4,200	21,600	18,700	2,900
Female	85,300	74,000	63,500	10,500	2,400	8,900	3,900	5,000
Managers/administrators	131,700	119,400	116,100	3,400	1,300	11,000	10,100	900
Male	106,600	95,400	92,900	2,500	1,200	10,000	9,500	500
Female	25,100	24,000	23,100	900	100	900	600	400

See explanatory information, if any, and SOURCE at end of table.

Table D-3. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment status: 1995

Highest degree, occupation, and sex	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate — continued								
Other non-S&E occupations ..	178,100	153,300	135,100	18,200	5,300	19,500	12,600	6,900
Male	117,900	103,400	94,700	8,600	3,000	11,500	9,200	2,300
Female	60,200	50,000	40,400	9,600	2,300	7,900	3,300	4,600

1 Includes professional degrees

2 Total excludes 49,100 individuals who reported never having worked. For unemployed individuals, occupation is for their previous reported job.

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who were employed in a S&E occupation during either the 1993 or 1995 SESTAT surveys. Figures are rounded to nearest hundred. Details may not add to total because of rounding.

SOURCE: National Science Foundation/Science Resources Studies Division, 1995 SESTAT (Scientists and Engineers Statistical Data System)