

Table D-12. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and race/ethnicity: 1995

Highest degree, occupation, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
All degree levels¹						
All occupations, total²	11,987,100	10,187,500	600,800	377,800	783,300	37,700
Male	7,892,900	6,818,800	300,300	230,500	519,300	24,000
Female	4,094,200	3,368,700	300,500	147,300	264,000	13,700
S&E occupations, total	3,708,400	3,138,900	119,100	102,000	338,100	10,400
Male	2,873,000	2,454,900	74,500	77,000	258,800	7,800
Female	835,500	684,000	44,600	25,000	79,300	2,600
Scientists, total	2,096,500	1,767,400	81,600	55,700	185,700	6,100
Male	1,394,900	1,188,200	45,100	35,800	122,000	3,800
Female	701,500	579,200	36,400	19,900	63,700	2,300
Computer/math scientists, total	1,037,000	860,400	42,000	25,300	107,000	2,400
Male	724,000	606,700	24,000	18,400	73,200	1,700
Female	313,000	253,600	18,000	6,900	33,800	700
Life/related scientists, total	364,700	306,000	12,300	10,600	34,900	1,000
Male	234,500	200,400	6,700	6,600	20,300	500
Female	130,200	105,600	5,600	3,900	14,600	500
Physical/related scientists, total ...	331,000	282,500	9,100	8,300	30,100	1,000
Male	255,200	222,500	5,900	5,400	20,800	700
Female	75,800	59,900	3,300	2,900	9,300	300
Social/related scientists, total	363,800	318,600	18,200	11,600	13,700	1,700
Male	181,300	158,600	8,600	5,400	7,800	900
Female	182,500	160,000	9,600	6,200	5,900	800
Engineers, total	1,611,900	1,371,500	37,500	46,300	152,400	4,300
Male	1,478,000	1,266,700	29,300	41,200	136,900	4,000
Female	133,900	104,800	8,200	5,000	15,600	300
Non-S&E occupations, total	8,278,700	7,048,600	481,700	275,800	445,200	27,300
Male	5,020,000	4,363,900	225,900	153,500	260,500	16,200
Female	3,258,700	2,684,700	255,800	122,300	184,700	11,100
Managers/administrators	2,245,900	1,950,700	118,900	66,000	103,900	6,400
Male	1,650,100	1,463,500	64,000	44,300	74,200	4,100
Female	595,900	487,200	55,000	21,700	29,700	2,300
Other non-S&E occupations	6,032,800	5,097,900	362,800	209,900	341,300	20,900
Male	3,369,900	2,900,400	161,900	109,200	186,300	12,000
Female	2,662,900	2,197,500	200,900	100,700	155,000	8,800

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

Table D-12. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and race/ethnicity: 1995

Highest degree, occupation, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
Bachelor's						
All occupations, total²	7,186,800	6,131,500	379,900	241,300	410,100	24,000
Male	4,638,200	4,045,800	184,500	142,700	250,700	14,400
Female	2,548,600	2,085,700	195,400	98,500	159,300	9,600
S&E occupations, total	2,182,200	1,890,100	79,300	62,500	144,000	6,300
Male	1,730,900	1,522,400	50,300	47,900	105,400	5,000
Female	451,300	367,700	29,100	14,600	38,600	1,300
Scientists, total	1,068,000	911,700	50,300	31,300	71,700	3,000
Male	709,700	617,600	27,400	20,300	42,400	1,900
Female	358,400	294,100	22,900	11,000	29,300	1,000
Computer/math scientists, total	681,300	580,300	31,000	18,700	49,800	1,600
Male	467,100	403,400	17,900	13,600	31,100	1,100
Female	214,200	176,900	13,100	5,100	18,700	500
Life/related scientists, total	151,600	129,700	6,100	5,600	10,000	300
Male	91,600	79,100	3,200	3,400	5,700	200
Female	60,000	50,500	2,900	2,200	4,300	100
Physical/related scientists, total ...	158,200	138,500	6,400	4,000	8,600	600
Male	114,000	103,600	3,700	2,100	4,100	400
Female	44,200	34,900	2,700	1,900	4,500	200
Social/related scientists, total	76,900	63,200	6,800	3,000	3,400	500
Male	37,000	31,400	2,600	1,200	1,500	200
Female	39,900	31,800	4,300	1,800	1,800	300
Engineers, total	1,114,100	978,400	29,000	31,100	72,300	3,300
Male	1,021,200	904,800	22,900	27,500	62,900	3,100
Female	92,900	73,600	6,200	3,600	9,400	200
Non-S&E occupations, total	5,004,600	4,241,400	300,600	178,800	266,100	17,800
Male	2,907,300	2,523,400	134,300	94,900	145,300	9,400
Female	2,097,300	1,718,000	166,300	83,900	120,700	8,300
Managers/administrators	1,276,300	1,121,300	60,800	40,100	49,800	4,400
Male	934,000	840,700	31,600	26,000	33,200	2,500
Female	342,300	280,600	29,100	14,100	16,600	1,900
Other non-S&E occupations	3,728,300	3,120,100	239,800	138,700	216,300	13,400
Male	1,973,300	1,682,700	102,600	68,900	112,100	6,900
Female	1,755,000	1,437,400	137,200	69,800	104,100	6,500

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

Table D-12. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and race/ethnicity: 1995

Highest degree, occupation, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
Master's						
All occupations, total²	3,114,600	2,615,700	155,500	87,600	247,500	8,200
Male	1,978,400	1,671,200	75,700	53,100	173,200	5,300
Female	1,136,100	944,600	79,900	34,500	74,300	2,900
S&E occupations, total	1,021,400	836,900	27,600	26,900	127,700	2,400
Male	752,200	614,300	16,000	19,800	100,600	1,500
Female	269,300	222,500	11,600	7,100	27,100	900
Scientists, total	606,100	502,500	20,200	13,900	67,900	1,600
Male	372,000	307,300	10,400	8,000	45,600	800
Female	234,100	195,200	9,800	6,000	22,300	800
Computer/math scientists, total	293,300	231,300	9,400	5,100	46,900	600
Male	205,800	162,900	5,200	3,700	33,700	400
Female	87,600	68,400	4,200	1,500	13,300	200
Life/related scientists, total	77,600	65,500	2,800	1,300	7,500	300
Male	42,500	37,400	1,100	600	3,400	S
Female	35,000	28,100	1,700	700	4,200	300
Physical/related scientists, total ...	81,300	68,300	1,300	2,400	9,000	300
Male	61,200	52,100	900	1,700	6,300	100
Female	20,100	16,300	400	700	2,700	100
Social/related scientists, total	153,900	137,400	6,600	5,100	4,400	400
Male	62,500	54,900	3,200	1,900	2,200	200
Female	91,300	82,400	3,500	3,100	2,100	200
Engineers, total	415,300	334,400	7,400	13,000	59,800	800
Male	380,200	307,000	5,600	11,800	55,000	800
Female	35,200	27,300	1,800	1,100	4,800	S
Non-S&E occupations, total	2,093,100	1,778,900	128,000	60,700	119,800	5,800
Male	1,226,200	1,056,800	59,700	33,300	72,600	3,800
Female	866,900	722,000	68,300	27,300	47,200	2,000
Managers/administrators	781,700	670,400	46,600	21,200	42,400	1,200
Male	569,000	496,900	25,800	14,700	30,600	1,000
Female	212,700	173,400	20,800	6,500	11,700	300
Other non-S&E occupations	1,311,400	1,108,500	81,400	39,500	77,500	4,600
Male	657,300	559,900	33,900	18,600	42,000	2,800
Female	654,200	548,600	47,400	20,900	35,500	1,800

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

Table D-12. U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and race/ethnicity: 1995

Highest degree, occupation, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
Doctorate						
All occupations, total ¹	778,400	636,100	27,900	22,400	89,200	2,800
Male	588,500	483,600	15,700	15,500	71,700	2,100
Female	189,800	152,500	12,200	6,900	17,600	700
S&E occupations, total	468,500	381,100	10,300	11,400	64,200	1,600
Male	364,000	296,000	6,600	8,400	51,800	1,200
Female	104,500	85,100	3,700	3,000	12,300	400
Scientists, total	389,900	325,900	9,200	9,400	43,900	1,400
Male	291,100	244,600	5,700	6,800	32,900	1,000
Female	98,800	81,300	3,500	2,700	11,000	400
Computer/math scientists, total	59,000	46,100	1,200	1,500	10,100	200
Male	48,000	37,800	600	1,200	8,300	200
Female	11,000	8,200	700	300	1,800	S
Life/related scientists, total	116,300	95,300	2,200	2,900	15,600	200
Male	85,800	71,600	1,500	2,100	10,400	200
Female	30,500	23,600	700	800	5,300	100
Physical/related scientists, total ...	90,800	75,000	1,400	1,800	12,400	200
Male	79,800	66,600	1,200	1,500	10,300	200
Female	11,000	8,400	200	300	2,100	S
Social/related scientists, total	123,700	109,700	4,300	3,200	5,800	800
Male	77,400	68,500	2,400	2,000	4,000	500
Female	46,300	41,100	1,900	1,200	1,800	300
Engineers, total	78,700	55,200	1,100	2,000	20,300	200
Male	72,900	51,400	900	1,700	18,900	200
Female	5,700	3,800	200	300	1,400	S
Non-S&E occupations, total	309,800	255,000	17,600	11,000	25,100	1,200
Male	224,500	187,600	9,100	7,100	19,900	900
Female	85,300	67,400	8,500	3,900	5,200	300
Managers/administrators	131,700	110,500	7,400	3,000	10,400	500
Male	106,600	91,100	3,600	2,400	9,200	400
Female	25,100	19,400	3,800	600	1,200	100
Other non-S&E occupations	178,100	144,500	10,200	8,000	14,700	700
Male	117,900	96,500	5,400	4,700	10,700	500
Female	60,200	48,000	4,800	3,200	4,000	200

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.

KEY: S = Suppressed for reasons of confidentiality and/or data reliability

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