

Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1995

Level and field of highest degree, and race/ethnicity	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 degree fields, total	12,036,200	10,114,500	9,098,200	1,016,300	249,300	1,672,400	928,700	743,700
White	10,215,400	8,546,900	7,659,600	887,300	191,700	1,476,800	859,700	617,100
Black	602,600	527,500	486,000	41,500	15,100	60,000	32,000	28,000
Hispanic	380,900	328,200	299,200	29,000	11,700	41,000	12,800	28,200
Asian	798,800	680,400	624,400	56,000	29,600	88,800	22,500	66,300
Other	38,500	31,500	29,000	2,500	1,200	5,800	1,700	4,200
S&E degree fields, total	8,908,000	7,333,100	6,569,600	763,500	197,400	1,377,600	742,400	635,100
White	7,497,300	6,136,200	5,475,500	660,800	149,300	1,211,800	691,700	520,100
Black	433,100	372,800	342,400	30,400	13,000	47,300	21,700	25,600
Hispanic	292,400	248,600	225,000	23,600	9,300	34,500	8,800	25,800
Asian	656,600	552,500	505,900	46,600	25,200	79,000	19,200	59,800
Other	28,600	22,900	20,800	2,100	700	5,000	1,200	3,800
Sciences, total	6,654,300	5,476,100	4,821,300	654,800	146,200	1,032,000	456,900	575,200
White	5,618,800	4,613,200	4,043,600	569,600	111,300	894,300	420,200	474,000
Black	383,200	327,300	299,300	28,000	11,200	44,700	19,900	24,700
Hispanic	219,900	182,900	162,100	20,900	7,700	29,300	5,700	23,600
Asian	408,400	334,200	299,800	34,500	15,300	58,900	9,800	49,100
Other	24,000	18,400	16,600	1,800	700	4,900	1,200	3,700
Computer/math sciences, total	1,090,100	955,400	880,000	75,400	23,500	111,200	52,600	58,500
White	885,000	772,700	707,400	65,300	17,000	95,300	48,100	47,300
Black	61,800	54,900	52,100	2,800	1,900	5,100	2,500	2,500
Hispanic	30,100	26,100	24,100	2,000	1,300	2,700	700	2,000
Asian	109,400	98,700	93,500	5,200	3,200	7,500	1,300	6,200
Other	3,800	3,100	3,000	100	200	600	100	400
Life/related sciences, total	1,392,100	1,127,800	989,900	137,900	28,400	235,800	94,400	141,400
White	1,177,900	963,700	842,500	121,300	22,000	192,100	86,000	106,100
Black	62,900	49,800	46,300	3,500	1,600	11,600	4,100	7,500
Hispanic	43,800	35,500	31,600	3,900	1,100	7,300	1,400	5,900
Asian	102,400	75,200	66,400	8,800	3,600	23,600	2,700	20,900
Other	5,000	3,700	3,200	500	100	1,300	300	1,000
Physical/related sciences, total	762,100	605,200	553,400	51,800	17,700	139,200	90,900	48,300
White	654,000	513,800	467,800	45,900	13,800	126,400	86,500	39,900
Black	24,200	20,300	19,300	1,000	400	3,500	2,300	1,200
Hispanic	18,800	15,600	14,500	1,100	600	2,500	600	1,900
Asian	62,400	53,100	49,700	3,500	2,800	6,500	1,400	5,100
Other	2,700	2,400	2,100	300	S	300	100	100
Social/related sciences, total	3,410,000	2,787,700	2,398,000	389,700	76,500	545,800	218,900	326,900
White	2,901,900	2,363,000	2,025,900	337,100	58,500	480,400	199,700	280,800
Black	234,300	202,400	181,700	20,700	7,400	24,500	11,100	13,500
Hispanic	127,200	105,800	91,800	13,900	4,600	16,800	3,100	13,700
Asian	134,200	107,200	90,200	17,100	5,700	21,300	4,400	16,900
Other	12,500	9,300	8,400	900	400	2,800	700	2,100
Engineering, total	2,253,600	1,856,900	1,748,200	108,700	51,200	345,500	285,600	60,000
White	1,878,500	1,523,100	1,431,900	91,200	38,000	317,500	271,500	46,000
Black	49,900	45,500	43,100	2,400	1,700	2,600	1,700	900
Hispanic	72,500	65,600	62,900	2,700	1,600	5,200	3,000	2,200
Asian	248,200	218,200	206,100	12,100	9,900	20,100	9,400	10,700
Other	4,600	4,500	4,200	300	S	100	S	100

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

Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1995

Level and field of highest degree, and race/ethnicity	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 — continued								
Non-S&E degree fields, total	3,128,200	2,781,400	2,528,700	252,800	51,900	294,900	186,200	108,600
White	2,718,100	2,410,700	2,184,200	226,500	42,500	265,000	168,000	97,000
Black	169,500	154,700	143,600	11,100	2,100	12,700	10,300	2,400
Hispanic	88,500	79,600	74,200	5,400	2,400	6,500	4,000	2,400
Asian	142,200	127,900	118,500	9,400	4,500	9,900	3,400	6,500
Other	9,900	8,600	8,200	300	400	800	500	400
Bachelor's								
All degree fields, total	7,223,300	5,926,700	5,304,000	622,700	166,500	1,130,100	575,700	554,300
White	6,152,800	5,024,700	4,480,200	544,500	127,600	1,000,400	539,000	461,400
Black	381,300	329,400	304,800	24,600	12,100	39,800	16,500	23,300
Hispanic	244,200	207,500	187,500	20,000	8,000	28,700	5,600	23,100
Asian	420,200	345,200	313,200	31,900	18,100	57,000	13,600	43,400
Other	24,800	19,900	18,200	1,700	700	4,200	1,000	3,100
S&E degree fields, total	6,657,900	5,408,600	4,828,100	580,400	153,500	1,095,800	555,600	540,200
White	5,664,400	4,577,700	4,072,300	505,300	117,500	969,200	520,500	448,700
Black	351,500	301,500	277,400	24,100	11,400	38,700	15,800	22,900
Hispanic	228,800	193,600	174,600	19,000	7,300	27,900	5,100	22,800
Asian	391,100	318,500	288,100	30,500	16,600	55,900	13,200	42,700
Other	22,000	17,400	15,700	1,600	600	4,000	1,000	3,100
Sciences, total	4,972,400	4,047,800	3,550,100	497,600	115,200	809,500	315,600	493,900
White	4,217,300	3,426,800	2,993,600	433,100	88,100	702,400	291,300	411,100
Black	310,000	263,700	241,600	22,100	9,900	36,400	14,200	22,100
Hispanic	173,900	143,900	127,000	16,900	6,000	24,000	2,900	21,100
Asian	252,700	199,400	175,400	24,100	10,600	42,700	6,100	36,600
Other	18,500	13,900	12,600	1,300	600	4,000	1,000	3,000
Computer/math sciences, total	790,000	687,700	635,300	52,300	18,000	84,300	35,400	48,900
White	652,900	566,400	520,800	45,700	13,200	73,300	32,400	40,900
Black	51,000	44,800	42,800	2,100	1,700	4,400	2,100	2,300
Hispanic	24,600	21,400	19,800	1,600	1,200	1,900	200	1,700
Asian	58,400	52,300	49,400	2,900	1,700	4,400	600	3,800
Other	3,100	2,600	2,500	100	100	300	100	200
Life/related sciences, total ...	1,023,400	820,200	707,600	112,600	22,100	181,100	61,800	119,200
White	874,500	710,300	610,200	100,100	18,100	146,100	56,400	89,600
Black	50,200	39,100	36,300	2,700	1,100	10,000	3,100	6,900
Hispanic	33,100	26,400	23,000	3,300	600	6,100	800	5,400
Asian	62,100	41,900	36,000	6,000	2,300	17,900	1,400	16,500
Other	3,500	2,600	2,200	400	S	1,000	200	800
Physical/related sciences, total	485,400	374,500	339,100	35,300	10,500	100,400	61,100	39,300
White	422,700	322,400	290,400	32,100	8,400	91,900	58,500	33,400
Black	18,300	15,500	15,000	500	300	2,500	1,500	1,000
Hispanic	13,200	11,100	10,200	900	400	1,800	300	1,500
Asian	29,100	23,700	22,100	1,500	1,500	4,000	800	3,300
Other	2,000	1,800	1,500	300	S	200	100	100

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

Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1995

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Bachelor's — continued								
Social/related sciences, total	2,673,700	2,165,400	1,868,000	297,400	64,600	443,700	157,200	286,400
White	2,267,300	1,827,600	1,572,400	255,300	48,400	391,200	144,100	247,100
Black	190,600	164,300	147,500	16,800	6,800	19,400	7,500	11,900
Hispanic	103,000	85,000	73,900	11,100	3,800	14,100	1,700	12,500
Asian	103,100	81,500	67,900	13,600	5,100	16,400	3,400	13,000
Other	9,800	7,000	6,400	600	400	2,400	600	1,900
Engineering, total	1,685,500	1,360,800	1,278,000	82,800	38,300	286,400	240,000	46,300
White	1,447,100	1,150,900	1,078,700	72,200	29,400	266,800	229,200	37,700
Black	41,500	37,700	35,800	1,900	1,500	2,300	1,600	700
Hispanic	54,900	49,700	47,600	2,100	1,300	4,000	2,200	1,800
Asian	138,400	119,100	112,700	6,400	6,100	13,200	7,100	6,100
Other	3,500	3,400	3,100	300	S	100	S	100
Non-S&E degree fields, total	565,400	518,200	475,900	42,300	13,000	34,200	20,100	14,100
White	488,300	447,100	407,900	39,200	10,100	31,200	18,500	12,700
Black	29,800	28,000	27,400	500	700	1,100	700	400
Hispanic	15,400	14,000	12,900	1,000	700	800	500	300
Asian	29,100	26,600	25,100	1,500	1,500	1,000	300	700
Other	2,800	2,600	2,500	100	100	100	100	100
Master's								
All degree fields, total	3,125,600	2,656,800	2,383,400	273,400	60,700	408,200	260,100	148,100
White	2,621,300	2,216,900	1,979,300	237,600	47,600	356,900	236,300	120,600
Black	155,900	137,800	126,300	11,600	2,100	16,000	12,600	3,400
Hispanic	87,800	75,900	70,300	5,600	2,500	9,400	5,000	4,300
Asian	252,400	219,300	201,200	18,100	8,300	24,900	6,000	18,900
Other	8,300	7,000	6,400	600	200	1,100	300	900
S&E degree fields, total	1,613,200	1,359,300	1,212,500	146,800	33,100	220,800	139,600	81,200
White	1,313,200	1,100,400	976,000	124,400	23,800	189,000	127,800	61,200
Black	67,100	58,100	52,700	5,400	1,400	7,600	5,500	2,100
Hispanic	45,500	38,900	35,800	3,200	1,400	5,200	2,500	2,700
Asian	182,800	158,300	144,900	13,400	6,500	18,100	3,700	14,400
Other	4,600	3,600	3,200	400	100	900	200	700
Sciences, total	1,145,500	953,500	829,300	124,200	22,600	169,300	100,700	68,600
White	952,500	790,400	682,600	107,800	17,100	145,100	91,500	53,500
Black	60,100	51,500	46,500	5,000	1,200	7,400	5,400	2,000
Hispanic	30,700	25,400	22,800	2,700	1,100	4,200	1,900	2,300
Asian	98,500	83,500	75,000	8,400	3,100	11,900	1,800	10,100
Other	3,600	2,700	2,400	300	100	800	200	600
Computer/math sciences, total	259,700	230,700	209,700	21,000	4,500	24,500	15,600	8,900
White	200,700	177,500	159,400	18,000	3,200	20,100	14,200	5,900
Black	9,900	9,200	8,500	700	200	600	400	200
Hispanic	4,300	3,500	3,300	200	100	700	400	300
Asian	44,100	40,200	38,200	2,000	1,100	2,900	600	2,300
Other	700	400	400	100	S	200	S	200
Life/related sciences, total ...	188,000	149,400	132,600	16,800	3,200	35,400	18,600	16,800
White	156,300	124,600	111,000	13,700	1,900	29,800	17,200	12,600
Black	8,700	7,100	6,400	700	400	1,200	900	300
Hispanic	4,300	3,600	3,400	200	200	600	200	400
Asian	17,700	13,400	11,200	2,200	700	3,600	300	3,300
Other	1,000	700	600	100	100	200	100	100

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

Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1995

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Master's — continued								
Physical/related sciences, total	140,000	112,200	101,100	11,200	4,200	23,500	16,800	6,700
White	118,100	94,700	85,500	9,200	3,100	20,300	15,600	4,700
Black	4,300	3,200	2,800	400	100	1,000	800	200
Hispanic	3,000	2,300	2,200	100	100	600	200	400
Asian	14,200	11,700	10,300	1,500	900	1,600	300	1,300
Other	400	300	300	S	S	S	S	S
Social/related sciences, total	557,700	461,100	385,900	75,300	10,700	85,900	49,700	36,200
White	477,500	393,600	326,700	66,900	9,000	74,900	44,600	30,400
Black	37,200	32,100	28,800	3,200	500	4,600	3,400	1,200
Hispanic	19,000	16,000	13,900	2,100	700	2,300	1,100	1,200
Asian	22,500	18,200	15,300	2,800	500	3,800	600	3,200
Other	1,600	1,300	1,100	200	S	300	100	200
Engineering, total	467,700	405,800	383,300	22,600	10,400	51,500	38,900	12,600
White	360,600	310,000	293,400	16,600	6,700	43,900	36,300	7,700
Black	7,000	6,600	6,200	500	100	300	100	100
Hispanic	14,800	13,500	13,000	500	300	1,100	600	400
Asian	84,300	74,800	69,800	5,000	3,300	6,100	1,800	4,300
Other	900	900	800	100	S	100	S	100
Non-S&E degree fields, total	1,512,400	1,297,500	1,170,900	126,600	27,600	187,400	120,500	66,900
White	1,308,200	1,116,500	1,003,300	113,200	23,800	167,900	108,500	59,400
Black	88,700	79,700	73,600	6,100	700	8,300	7,100	1,300
Hispanic	42,300	37,000	34,500	2,400	1,200	4,100	2,500	1,600
Asian	69,600	61,000	56,300	4,700	1,800	6,800	2,300	4,500
Other	3,700	3,300	3,200	200	100	300	100	200
Doctorate								
All degree fields, total	779,600	689,900	639,500	50,400	14,200	75,500	57,800	17,800
White	636,900	559,800	516,200	43,600	10,400	66,700	52,400	14,200
Black	28,000	25,500	24,000	1,600	600	1,900	1,200	700
Hispanic	22,400	20,000	17,800	2,100	600	1,800	1,400	400
Asian	89,600	82,200	79,200	3,000	2,600	4,900	2,500	2,400
Other	2,800	2,500	2,300	200	S	300	300	S
S&E degree fields, total	627,200	557,400	522,200	35,100	10,800	59,100	46,200	12,800
White	511,300	451,200	421,100	30,100	7,900	52,200	42,400	9,800
Black	14,200	13,000	12,400	700	200	1,000	300	700
Hispanic	17,900	15,900	14,400	1,500	600	1,400	1,100	200
Asian	81,800	75,300	72,600	2,700	2,100	4,400	2,300	2,100
Other	2,000	1,900	1,800	100	S	100	100	S
Sciences, total	526,800	467,000	435,300	31,800	8,400	51,400	39,600	11,800
White	440,600	389,000	361,300	27,700	6,100	45,500	36,400	9,100
Black	12,900	11,900	11,200	700	100	900	300	600
Hispanic	15,100	13,400	12,100	1,300	600	1,200	900	200
Asian	56,300	51,000	49,000	2,000	1,600	3,700	1,800	1,900
Other	1,900	1,700	1,600	100	S	100	100	S

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

Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1995

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate — continued								
Computer/math sciences, total	40,300	36,900	34,900	2,100	1,000	2,400	1,700	700
White	31,300	28,700	27,000	1,600	600	2,000	1,500	500
Black	900	900	800	S	S	S	S	S
Hispanic	1,200	1,100	1,000	100	S	100	100	S
Asian	6,800	6,200	5,900	300	400	300	100	200
Other	100	100	100	S	S	S	S	S
Life/related sciences, total ...	179,400	157,200	149,300	7,900	3,100	19,000	14,000	5,100
White	146,000	127,900	121,100	6,900	2,000	16,000	12,400	3,600
Black	4,100	3,600	3,500	100	100	400	100	300
Hispanic	6,400	5,500	5,200	400	300	500	400	100
Asian	22,400	19,700	19,100	600	700	2,000	1,000	1,000
Other	500	500	400	S	S	S	S	S
Physical/related sciences, total	136,300	118,100	112,800	5,300	3,000	15,200	13,000	2,200
White	112,800	96,300	91,600	4,700	2,400	14,100	12,400	1,700
Black	1,600	1,600	1,500	S	S	S	S	S
Hispanic	2,600	2,200	2,100	100	200	200	200	S
Asian	19,000	17,700	17,300	400	400	800	400	500
Other	300	300	300	S	S	S	S	S
Social/related sciences, total	170,800	154,800	138,300	16,500	1,200	14,800	11,000	3,800
White	150,400	136,100	121,500	14,600	1,000	13,300	10,100	3,200
Black	6,300	5,800	5,300	500	S	500	200	300
Hispanic	5,000	4,500	3,900	700	100	400	300	100
Asian	8,100	7,300	6,700	600	100	600	400	200
Other	1,000	900	800	100	S	100	S	S
Engineering, total	100,500	90,300	87,000	3,300	2,500	7,700	6,700	1,000
White	70,700	62,200	59,800	2,400	1,800	6,700	6,000	700
Black	1,300	1,200	1,200	S	100	100	S	S
Hispanic	2,700	2,500	2,300	200	100	200	200	S
Asian	25,500	24,300	23,600	700	500	700	400	300
Other	200	200	200	S	S	S	S	S
Non-S&E degree fields, total	152,400	132,600	117,300	15,300	3,400	16,500	11,500	5,000
White	125,600	108,600	95,200	13,400	2,500	14,500	10,000	4,500
Black	13,800	12,500	11,600	900	400	900	900	S
Hispanic	4,500	4,100	3,400	700	S	400	200	200
Asian	7,800	6,900	6,600	300	500	500	200	300
Other	700	600	500	S	S	200	200	S

1 Includes professional degrees

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)