

**Table C-5. Employed U.S. scientists and engineers, by level and field of highest degree attained, citizenship status, and employment sector: 1995**

Level and field of highest degree, and citizenship	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
<b>All degree levels<sup>1</sup></b>					
<b>All degree fields, total</b> .....	10,114,500	6,893,100	876,700	960,600	1,384,100
U.S. citizen, total <sup>2</sup> .....	9,732,400	6,628,400	798,100	943,800	1,362,000
Native .....	8,972,500	6,088,300	726,600	898,500	1,259,100
Naturalized .....	759,900	540,100	71,600	45,300	102,900
Non-U.S. citizen, total <sup>3</sup> .....	382,100	264,700	78,600	16,800	22,100
Permanent resident .....	320,300	231,800	53,200	15,000	20,200
Temporary resident .....	61,000	32,300	25,200	1,700	1,900
<b>S&amp;E degree fields, total</b> .....	7,333,100	5,040,400	644,200	606,700	1,041,700
U.S. citizen, total <sup>2</sup> .....	7,014,200	4,818,600	576,800	595,600	1,023,300
Native .....	6,415,200	4,388,300	522,300	564,200	940,500
Naturalized .....	599,000	430,300	54,500	31,300	82,800
Non-U.S. citizen, total <sup>3</sup> .....	318,800	221,800	67,500	11,100	18,500
Permanent resident .....	262,800	192,300	43,800	9,700	17,000
Temporary resident .....	55,400	29,100	23,500	1,400	1,500
<b>Sciences, total</b> .....	5,476,100	3,542,900	558,900	583,600	790,800
U.S. citizen, total <sup>2</sup> .....	5,274,300	3,413,300	508,600	573,300	779,200
Native .....	4,916,700	3,173,000	465,100	545,100	733,500
Naturalized .....	357,500	240,300	43,400	28,200	45,600
Non-U.S. citizen, total <sup>3</sup> .....	201,900	129,600	50,300	10,300	11,600
Permanent resident .....	167,500	113,200	34,700	9,000	10,600
Temporary resident .....	33,800	16,100	15,400	1,400	1,000
<b>Computer/math sciences, total</b> .....	955,400	710,500	67,700	90,800	86,400
U.S. citizen, total <sup>2</sup> .....	900,000	667,300	59,400	88,600	84,600
Native .....	809,600	596,400	52,800	84,500	75,800
Naturalized .....	90,300	70,800	6,600	4,100	8,800
Non-U.S. citizen, total <sup>3</sup> .....	55,500	43,200	8,300	2,200	1,700
Permanent resident .....	44,800	36,700	4,800	1,900	1,300
Temporary resident .....	10,500	6,500	3,300	300	400
<b>Life/related sciences, total</b> .....	1,127,800	679,700	187,900	106,000	154,200
U.S. citizen, total <sup>2</sup> .....	1,086,000	660,200	170,500	103,400	151,900
Native .....	1,009,700	615,300	153,800	97,800	142,800
Naturalized .....	76,300	44,900	16,700	5,600	9,100
Non-U.S. citizen, total <sup>3</sup> .....	41,900	19,500	17,400	2,700	2,300
Permanent resident .....	33,600	17,400	11,900	2,400	2,000
Temporary resident .....	8,000	1,800	5,600	200	300
<b>Physical/related sciences, total</b> .....	605,200	399,500	91,100	37,700	76,900
U.S. citizen, total <sup>2</sup> .....	566,800	376,500	78,200	37,200	75,000
Native .....	509,900	338,100	69,500	34,500	67,800
Naturalized .....	57,000	38,400	8,700	2,700	7,200
Non-U.S. citizen, total <sup>3</sup> .....	38,300	23,000	12,900	500	1,900
Permanent resident .....	32,300	20,900	9,100	400	1,800
Temporary resident .....	6,100	2,100	3,800	100	200
<b>Social/related sciences, total</b> .....	2,787,700	1,753,200	212,200	349,000	473,300
U.S. citizen, total <sup>2</sup> .....	2,721,500	1,709,300	200,400	344,100	467,700
Native .....	2,587,600	1,623,200	189,000	328,300	447,100
Naturalized .....	133,900	86,100	11,400	15,800	20,600
Non-U.S. citizen, total <sup>3</sup> .....	66,200	43,900	11,700	4,900	5,600
Permanent resident .....	56,800	38,200	9,000	4,100	5,600
Temporary resident .....	9,200	5,700	2,700	800	100

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

**Table C-5. Employed U.S. scientists and engineers, by level and field of highest degree attained, citizenship status, and employment sector: 1995**

Level and field of highest degree, and citizenship	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
<b>All degree levels<sup>1</sup> — continued</b>					
<b>Engineering, total</b> .....	1,856,900	1,497,500	85,400	23,100	250,900
U.S. citizen, total <sup>2</sup> .....	1,740,000	1,405,300	68,200	22,300	244,100
Native .....	1,498,500	1,215,300	57,200	19,100	206,900
Naturalized .....	241,500	190,000	11,100	3,200	37,200
Non-U.S. citizen, total <sup>3</sup> .....	117,000	92,200	17,200	800	6,800
Permanent resident .....	95,300	79,100	9,100	800	6,400
Temporary resident .....	21,600	13,000	8,100	S	500
<b>Non-S&amp;E degree fields, total</b> .....	2,781,400	1,852,700	232,500	353,900	342,400
U.S. citizen, total <sup>2</sup> .....	2,718,200	1,809,800	221,400	348,300	338,700
Native .....	2,557,200	1,700,000	204,300	334,300	318,600
Naturalized .....	160,900	109,800	17,100	14,000	20,100
Non-U.S. citizen, total <sup>3</sup> .....	63,300	42,900	11,100	5,600	3,600
Permanent resident .....	57,400	39,500	9,400	5,300	3,200
Temporary resident .....	5,600	3,200	1,700	300	400
<b>Bachelor's</b>					
<b>All degree fields, total</b> .....	5,926,700	4,368,700	288,700	421,100	848,300
U.S. citizen, total <sup>2</sup> .....	5,769,200	4,244,300	275,800	412,900	836,100
Native .....	5,358,400	3,933,300	256,100	393,100	776,000
Naturalized .....	410,800	311,000	19,800	19,900	60,100
Non-U.S. citizen, total <sup>3</sup> .....	157,500	124,400	12,800	8,100	12,200
Permanent resident .....	140,900	114,400	7,900	7,400	11,300
Temporary resident .....	16,200	9,800	4,800	800	800
<b>S&amp;E degree fields, total</b> .....	5,408,600	3,960,100	266,200	396,600	785,600
U.S. citizen, total <sup>2</sup> .....	5,263,300	3,844,700	253,700	390,300	774,600
Native .....	4,886,500	3,561,700	235,800	371,100	717,900
Naturalized .....	376,800	283,000	17,900	19,200	56,700
Non-U.S. citizen, total <sup>3</sup> .....	145,300	115,400	12,500	6,400	11,000
Permanent resident .....	129,200	105,700	7,600	5,600	10,400
Temporary resident .....	15,600	9,400	4,800	800	600
<b>Sciences, total</b> .....	4,047,800	2,838,000	235,200	379,900	594,800
U.S. citizen, total <sup>2</sup> .....	3,956,600	2,768,900	225,500	373,800	588,400
Native .....	3,729,000	2,603,900	210,900	356,600	557,600
Naturalized .....	227,500	165,000	14,600	17,100	30,800
Non-U.S. citizen, total <sup>3</sup> .....	91,200	69,100	9,600	6,100	6,400
Permanent resident .....	80,700	63,500	5,800	5,300	6,000
Temporary resident .....	10,100	5,300	3,700	800	400
<b>Computer/math sciences, total</b> .....	687,700	541,800	25,600	56,400	63,900
U.S. citizen, total <sup>2</sup> .....	663,000	521,000	24,300	55,000	62,800
Native .....	607,700	474,900	22,900	53,300	56,600
Naturalized .....	55,300	46,100	1,400	1,700	6,100
Non-U.S. citizen, total <sup>3</sup> .....	24,600	20,800	1,300	1,400	1,200
Permanent resident .....	21,800	19,300	500	1,200	800
Temporary resident .....	2,700	1,400	600	200	400

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

**Table C-5. Employed U.S. scientists and engineers, by level and field of highest degree attained, citizenship status, and employment sector: 1995**

Level and field of highest degree, and citizenship	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
<b>Bachelor's — continued</b>					
<b>Life/related sciences, total</b> .....	820,200	555,700	79,600	74,400	110,500
U.S. citizen, total <sup>2</sup> .....	804,400	546,600	75,800	72,500	109,500
Native .....	759,900	516,400	70,600	69,200	103,700
Naturalized .....	44,400	30,200	5,200	3,300	5,800
Non-U.S. citizen, total <sup>3</sup> .....	15,900	9,100	3,800	1,900	1,000
Permanent resident .....	13,400	8,400	2,100	1,800	1,000
Temporary resident .....	2,200	500	1,700	100	S
<b>Physical/related sciences, total</b> .....	374,500	273,300	30,700	21,600	48,800
U.S. citizen, total <sup>2</sup> .....	361,800	263,400	29,100	21,500	47,900
Native .....	331,900	241,600	26,400	20,200	43,800
Naturalized .....	29,900	21,800	2,700	1,300	4,200
Non-U.S. citizen, total <sup>3</sup> .....	12,700	10,000	1,700	100	900
Permanent resident .....	11,000	9,200	700	100	900
Temporary resident .....	1,700	700	900	S	S
<b>Social/related sciences, total</b> .....	2,165,400	1,467,200	99,300	227,500	371,400
U.S. citizen, total <sup>2</sup> .....	2,127,400	1,438,000	96,400	224,900	368,200
Native .....	2,029,500	1,371,000	91,100	214,000	353,400
Naturalized .....	97,900	66,900	5,300	10,900	14,800
Non-U.S. citizen, total <sup>3</sup> .....	38,000	29,200	2,900	2,700	3,300
Permanent resident .....	34,500	26,500	2,500	2,200	3,300
Temporary resident .....	3,500	2,700	400	500	S
<b>Engineering, total</b> .....	1,360,800	1,122,200	31,000	16,800	190,900
U.S. citizen, total <sup>2</sup> .....	1,306,700	1,075,900	28,200	16,500	186,200
Native .....	1,157,500	957,800	24,900	14,400	160,400
Naturalized .....	149,300	118,100	3,300	2,100	25,900
Non-U.S. citizen, total <sup>3</sup> .....	54,100	46,300	2,900	300	4,600
Permanent resident .....	48,600	42,200	1,700	300	4,400
Temporary resident .....	5,500	4,100	1,200	S	200
<b>Non-S&amp;E degree fields, total</b> .....	518,200	408,600	22,500	24,400	62,600
U.S. citizen, total <sup>2</sup> .....	505,900	399,600	22,200	22,700	61,500
Native .....	471,900	371,600	20,300	22,000	58,000
Naturalized .....	34,000	28,000	1,900	700	3,400
Non-U.S. citizen, total <sup>3</sup> .....	12,300	9,000	300	1,800	1,100
Permanent resident .....	11,700	8,700	300	1,800	900
Temporary resident .....	600	400	S	S	200
<b>Master's</b>					
<b>All degree fields, total</b> .....	2,656,800	1,610,700	204,600	464,000	377,500
U.S. citizen, total <sup>2</sup> .....	2,519,000	1,510,200	180,700	457,000	371,100
Native .....	2,298,600	1,351,200	169,500	437,600	340,400
Naturalized .....	220,400	159,100	11,200	19,400	30,700
Non-U.S. citizen, total <sup>3</sup> .....	137,700	100,500	23,800	7,000	6,400
Permanent resident .....	105,400	82,300	11,000	6,400	5,700
Temporary resident .....	32,300	18,100	12,800	600	700

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**Table C-5. Employed U.S. scientists and engineers, by level and field of highest degree attained, citizenship status, and employment sector: 1995**

Level and field of highest degree, and citizenship	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
<b>Master's — continued</b>					
<b>S&amp;E degree fields, total</b> .....	1,359,300	840,600	127,600	189,300	201,700
U.S. citizen, total <sup>2</sup> .....	1,252,600	765,100	105,400	185,500	196,600
Native .....	1,105,900	656,500	96,800	175,700	177,000
Naturalized .....	146,700	108,600	8,600	9,800	19,600
Non-U.S. citizen, total <sup>3</sup> .....	106,800	75,500	22,300	3,800	5,100
Permanent resident .....	78,000	60,000	9,900	3,400	4,600
Temporary resident .....	28,700	15,500	12,300	400	500
<b>Sciences, total</b> .....	953,500	519,500	102,200	184,000	147,800
U.S. citizen, total <sup>2</sup> .....	892,800	479,400	88,200	180,600	144,600
Native .....	816,900	428,200	82,100	171,600	135,100
Naturalized .....	75,900	51,200	6,100	9,100	9,500
Non-U.S. citizen, total <sup>3</sup> .....	60,700	40,100	14,000	3,400	3,200
Permanent resident .....	45,000	31,800	7,200	3,000	3,000
Temporary resident .....	15,700	8,300	6,700	400	300
<b>Computer/math sciences, total</b> .....	230,700	156,000	21,200	33,100	20,500
U.S. citizen, total <sup>2</sup> .....	206,900	136,000	18,300	32,500	20,100
Native .....	177,800	113,000	16,500	30,500	17,800
Naturalized .....	29,100	23,000	1,800	2,000	2,400
Non-U.S. citizen, total <sup>3</sup> .....	23,800	19,900	2,900	600	400
Permanent resident .....	17,400	15,300	1,200	600	400
Temporary resident .....	6,400	4,600	1,700	S	S
<b>Life/related sciences, total</b> .....	149,400	70,600	25,000	27,300	26,500
U.S. citizen, total <sup>2</sup> .....	141,600	67,200	21,500	26,800	26,000
Native .....	130,200	61,400	19,100	25,000	24,800
Naturalized .....	11,400	5,800	2,400	1,900	1,200
Non-U.S. citizen, total <sup>3</sup> .....	7,800	3,300	3,500	400	500
Permanent resident .....	5,200	2,600	1,800	400	400
Temporary resident .....	2,600	800	1,700	100	100
<b>Physical/related sciences, total</b> .....	112,200	66,600	15,200	13,200	17,300
U.S. citizen, total <sup>2</sup> .....	102,300	61,400	11,500	12,800	16,600
Native .....	92,100	54,600	10,600	11,800	15,000
Naturalized .....	10,200	6,800	900	1,000	1,600
Non-U.S. citizen, total <sup>3</sup> .....	10,000	5,200	3,700	400	700
Permanent resident .....	7,600	4,600	2,100	300	600
Temporary resident .....	2,300	600	1,600	S	100
<b>Social/related sciences, total</b> .....	461,100	226,500	40,800	110,500	83,500
U.S. citizen, total <sup>2</sup> .....	442,000	214,700	36,900	108,500	81,800
Native .....	416,800	199,100	35,900	104,200	77,500
Naturalized .....	25,200	15,600	1,000	4,300	4,300
Non-U.S. citizen, total <sup>3</sup> .....	19,200	11,700	3,800	2,000	1,600
Permanent resident .....	14,800	9,300	2,100	1,800	1,600
Temporary resident .....	4,400	2,300	1,800	300	S

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		Business/industry	4-yr. College/university	Other educational institution	Government
<b>Master's — continued</b>					
<b>Engineering, total</b> .....	405,800	321,100	25,400	5,300	53,900
U.S. citizen, total <sup>2</sup> .....	359,800	285,700	17,100	4,900	52,100
Native .....	289,000	228,300	14,700	4,100	41,900
Naturalized .....	70,800	57,400	2,400	800	10,200
Non-U.S. citizen, total <sup>3</sup> .....	46,000	35,400	8,300	400	1,900
Permanent resident .....	33,000	28,200	2,700	400	1,700
Temporary resident .....	13,000	7,200	5,600	S	200
<b>Non-S&amp;E degree fields, total</b> .....	1,297,500	770,100	77,000	274,600	175,800
U.S. citizen, total <sup>2</sup> .....	1,266,500	745,100	75,400	271,400	174,500
Native .....	1,192,700	694,700	72,700	261,900	163,400
Naturalized .....	73,800	50,400	2,700	9,600	11,100
Non-U.S. citizen, total <sup>3</sup> .....	31,000	25,000	1,600	3,200	1,300
Permanent resident .....	27,400	22,300	1,100	2,900	1,100
Temporary resident .....	3,600	2,600	500	300	200
<b>Doctorate</b>					
<b>All degree fields, total</b> .....	689,900	278,600	294,700	54,100	62,600
U.S. citizen, total <sup>2</sup> .....	615,400	245,800	257,300	52,400	59,900
Native .....	531,100	204,600	225,400	48,400	52,700
Naturalized .....	84,300	41,300	31,900	4,000	7,100
Non-U.S. citizen, total <sup>3</sup> .....	74,500	32,800	37,300	1,600	2,700
Permanent resident .....	62,100	28,100	30,300	1,300	2,400
Temporary resident .....	12,000	4,400	7,000	300	400
<b>S&amp;E degree fields, total</b> .....	557,400	236,000	248,900	19,000	53,500
U.S. citizen, total <sup>2</sup> .....	490,500	205,100	216,200	18,000	51,200
Native .....	415,600	166,500	188,200	15,900	45,000
Naturalized .....	74,900	38,600	28,100	2,100	6,200
Non-U.S. citizen, total <sup>3</sup> .....	66,800	30,900	32,700	1,000	2,300
Permanent resident .....	55,600	26,600	26,300	700	2,000
Temporary resident .....	11,100	4,100	6,300	300	400
<b>Sciences, total</b> .....	467,000	181,700	220,000	17,900	47,400
U.S. citizen, total <sup>2</sup> .....	417,100	161,300	193,300	17,100	45,400
Native .....	363,600	137,300	170,600	15,400	40,300
Naturalized .....	53,500	24,000	22,700	1,700	5,100
Non-U.S. citizen, total <sup>3</sup> .....	49,900	20,400	26,700	800	2,000
Permanent resident .....	41,900	17,900	21,700	600	1,700
Temporary resident .....	8,000	2,400	5,000	200	300
<b>Computer/math sciences, total</b> .....	36,900	12,700	21,000	1,400	1,900
U.S. citizen, total <sup>2</sup> .....	29,900	10,200	16,800	1,200	1,700
Native .....	24,100	8,500	13,400	700	1,400
Naturalized .....	5,800	1,700	3,400	500	300
Non-U.S. citizen, total <sup>3</sup> .....	7,000	2,500	4,100	200	100
Permanent resident .....	5,500	2,100	3,200	100	100
Temporary resident .....	1,500	400	1,000	100	S

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

**Table C-5. Employed U.S. scientists and engineers, by level and field of highest degree attained, citizenship status, and employment sector: 1995**

Level and field of highest degree, and citizenship	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
<b>Doctorate — continued</b>					
<b>Life/related sciences, total</b> .....	157,200	52,900	83,000	4,400	16,900
U.S. citizen, total <sup>2</sup> .....	139,000	45,900	72,900	4,000	16,100
Native .....	118,500	37,000	63,800	3,600	14,000
Naturalized .....	20,500	8,900	9,100	400	2,100
Non-U.S. citizen, total <sup>3</sup> .....	18,200	7,000	10,100	300	800
Permanent resident .....	15,100	6,400	7,900	300	500
Temporary resident .....	3,100	600	2,200	100	200
<b>Physical/related sciences, total</b> .....	118,100	59,300	45,000	3,000	10,800
U.S. citizen, total <sup>2</sup> .....	102,400	51,500	37,500	2,900	10,400
Native .....	85,500	41,700	32,400	2,500	9,000
Naturalized .....	16,900	9,800	5,100	500	1,500
Non-U.S. citizen, total <sup>3</sup> .....	15,700	7,800	7,500	S	400
Permanent resident .....	13,600	7,100	6,200	S	300
Temporary resident .....	2,100	700	1,200	S	100
<b>Social/related sciences, total</b> .....	154,800	56,700	71,000	9,200	17,800
U.S. citizen, total <sup>2</sup> .....	145,900	53,800	66,100	9,000	17,100
Native .....	135,500	50,200	61,000	8,600	15,800
Naturalized .....	10,400	3,600	5,100	400	1,200
Non-U.S. citizen, total <sup>3</sup> .....	8,900	3,000	5,000	200	700
Permanent resident .....	7,600	2,300	4,400	200	700
Temporary resident .....	1,300	600	600	S	S
<b>Engineering, total</b> .....	90,300	54,200	28,900	1,000	6,100
U.S. citizen, total <sup>2</sup> .....	73,400	43,800	22,900	900	5,800
Native .....	52,000	29,200	17,600	500	4,700
Naturalized .....	21,400	14,500	5,300	300	1,200
Non-U.S. citizen, total <sup>3</sup> .....	16,900	10,500	6,000	100	300
Permanent resident .....	13,800	8,700	4,600	100	300
Temporary resident .....	3,100	1,700	1,300	S	S
<b>Non-S&amp;E degree fields, total</b> .....	132,600	42,600	45,700	35,100	9,100
U.S. citizen, total <sup>2</sup> .....	124,900	40,700	41,100	34,400	8,700
Native .....	115,500	38,000	37,200	32,500	7,800
Naturalized .....	9,400	2,700	3,800	1,900	900
Non-U.S. citizen, total <sup>3</sup> .....	7,700	1,900	4,700	700	400
Permanent resident .....	6,500	1,400	4,000	600	400
Temporary resident .....	1,000	200	700	100	S

- 1 Includes professional degrees
- 2 Includes U.S. citizens who did not specify mode of gaining citizenship
- 3 Includes non-citizens who did not specify visa status

**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)