

**Table C-12. Employed U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1995**

Level and field of highest degree	Employed S&Es, total <sup>1</sup>	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>All degree levels<sup>2</sup></b>										
<b>All degree fields, total</b> .....	10,114,500	780,300	1,603,100	1,440,300	676,100	1,811,600	399,600	869,100	641,100	1,879,600
<b>S&amp;E degree fields, total</b> .....	7,333,100	541,300	1,117,000	1,047,400	499,200	1,327,900	289,600	647,600	475,800	1,375,000
<b>Sciences, total</b> .....	5,476,100	407,400	854,800	764,500	394,500	1,010,500	211,600	455,900	352,300	1,016,800
<b>Computer/math sciences, total</b> .....	955,400	61,900	156,300	130,900	68,300	172,900	40,200	104,400	59,100	160,300
Computer/information sciences .....	506,100	31,800	83,400	71,300	30,400	96,100	15,100	57,000	31,300	88,700
Mathematical sciences .....	449,400	30,100	72,900	59,600	37,800	76,700	25,100	47,300	27,700	71,500
<b>Life/related sciences, total</b> .....	1,127,800	84,000	154,300	162,000	102,200	189,700	49,000	96,700	72,600	216,300
Agricultural/food sciences .....	215,700	10,600	16,800	33,700	31,800	30,800	10,900	21,900	15,100	43,900
Biological sciences .....	825,600	66,200	126,500	117,700	64,800	143,800	34,000	68,300	50,900	152,500
Environmental life sciences .....	86,600	7,200	11,000	10,500	5,700	15,000	4,200	6,500	6,600	19,900
<b>Physical/related sciences, total</b> .....	605,200	38,800	92,500	84,800	32,300	108,200	24,300	63,000	49,800	110,300
Chemistry, except biochemistry .....	267,400	16,600	50,600	46,800	14,500	48,200	10,200	21,900	14,300	43,700
Earth science, geology and oceanography .....	145,400	6,800	15,900	14,800	5,400	22,300	4,200	28,900	17,600	28,900
Physics/astronomy .....	140,700	13,000	19,900	14,700	7,000	26,700	5,200	8,200	13,300	32,500
Other physical sciences .....	51,700	2,400	6,100	8,600	5,300	11,000	4,600	4,000	4,600	5,100
<b>Social/related sciences, total</b> .....	2,787,700	222,600	451,700	386,800	191,700	539,800	98,200	191,800	170,800	529,900
Economics .....	390,900	31,800	73,400	53,100	26,700	66,400	14,400	26,600	23,200	74,600
Political/related sciences .....	524,900	42,700	83,800	70,700	32,300	125,600	20,400	33,900	29,200	84,600
Psychology .....	1,038,400	88,500	175,400	152,600	67,400	191,000	34,600	78,800	58,500	190,900
Sociology/anthropology .....	523,300	40,200	77,000	66,700	39,400	99,500	20,200	31,000	35,600	112,900
Other social sciences .....	310,100	19,400	42,100	43,700	25,900	57,400	8,600	21,400	24,400	67,000
<b>Engineering, total</b> .....	1,856,900	134,000	262,200	282,900	104,800	317,400	77,900	191,600	123,500	358,200
Aerospace/related engineering .....	76,200	3,400	6,700	12,100	5,200	13,100	3,900	7,600	5,900	18,300
Chemical engineering .....	135,400	6,900	20,100	20,300	6,700	24,000	5,400	23,100	8,500	20,200
Civil/architectural engineering .....	312,200	20,200	47,000	41,600	18,700	56,500	11,900	28,600	21,200	65,100
Electrical/related engineering .....	560,800	45,200	76,300	73,200	32,700	90,000	23,000	52,000	42,800	124,100
Industrial engineering .....	104,000	4,900	14,500	21,400	6,000	20,300	6,300	12,200	4,300	14,000
Mechanical engineering .....	375,400	29,000	52,200	72,900	20,000	61,700	15,300	36,800	21,400	65,600
Other engineering .....	293,000	24,500	45,500	41,300	15,500	51,900	12,100	31,400	19,400	50,900

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

**Table C-12. Employed U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1995**

Level and field of highest degree	Employed S&Es, total <sup>1</sup>	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>All degree levels<sup>2</sup> — continued</b>										
<b>Non-S&amp;E degrees, total .....</b>	2,781,400	239,000	486,100	393,000	176,800	483,600	110,000	221,600	165,300	504,700
<b>Bachelor's</b>										
<b>All degree fields, total .....</b>	5,926,700	434,700	869,300	861,600	429,000	1,057,500	238,900	534,900	380,900	1,112,200
<b>S&amp;E degree fields, total .....</b>	5,408,600	397,800	794,600	781,900	389,700	971,800	215,800	482,800	350,200	1,016,300
<b>Sciences, total .....</b>	4,047,800	303,200	610,900	565,300	308,100	736,900	155,300	337,700	261,600	764,000
<b>Computer/math sciences, total .....</b>	687,700	43,500	104,500	94,200	56,700	121,200	29,900	82,000	40,700	114,300
Computer/information sciences .....	362,800	21,000	54,100	53,700	26,200	66,900	12,800	45,500	21,300	60,900
Mathematical sciences .....	324,900	22,500	50,400	40,500	30,500	54,300	17,100	36,500	19,400	53,500
<b>Life/related sciences, total .....</b>	820,200	60,400	107,600	117,400	78,700	132,500	35,500	69,100	53,900	164,500
Agricultural/food sciences .....	171,200	9,100	12,800	26,700	26,100	23,300	8,800	16,400	12,000	35,800
Biological sciences .....	583,000	45,300	87,200	82,500	48,300	97,900	22,900	48,400	37,400	112,700
Environmental life sciences .....	65,900	6,000	7,600	8,100	4,300	11,300	3,800	4,300	4,500	16,000
<b>Physical/related sciences, total .....</b>	374,500	21,800	53,100	53,800	21,600	68,200	16,500	39,500	29,400	70,100
Chemistry, except biochemistry .....	171,700	9,000	28,800	30,300	10,100	32,900	7,200	13,500	8,900	30,500
Earth science, geology and oceanography .....	95,400	4,200	10,400	9,500	3,400	15,300	2,500	19,700	11,300	19,100
Physics/astronomy .....	68,000	7,200	9,200	6,700	4,000	11,700	3,000	3,400	6,200	16,500
Other physical sciences .....	39,400	1,400	4,800	7,300	4,000	8,200	3,800	2,900	3,000	4,000
<b>Social/related sciences, total .....</b>	2,165,400	177,600	345,700	299,900	151,100	415,000	73,500	147,100	137,600	415,100
Economics .....	329,200	28,600	62,600	44,500	21,500	52,000	12,100	20,800	19,700	66,900
Political/related sciences .....	448,700	38,300	68,600	61,500	30,000	103,000	17,000	30,200	26,900	71,900
Psychology .....	690,700	60,100	117,700	102,300	44,900	130,800	20,900	52,200	37,800	123,400
Sociology/anthropology .....	461,900	36,200	67,100	58,300	34,500	89,100	17,200	27,400	31,500	99,900
Other social sciences .....	234,800	14,400	29,600	33,300	20,200	40,000	6,200	16,400	21,600	53,000

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

**Table C-12. Employed U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1995**

Level and field of highest degree	Employed S&Es, total <sup>1</sup>	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>Bachelor's — continued</b>										
<b>Engineering, total</b> .....	1,360,800	94,600	183,600	216,500	81,500	234,900	60,500	145,000	88,600	252,300
Aerospace/related engineering .....	54,700	1,500	5,100	9,700	4,000	9,300	2,400	5,600	4,200	12,800
Chemical engineering .....	100,500	5,300	12,200	14,900	5,300	18,400	4,100	17,200	6,900	16,000
Civil/architectural engineering .....	237,400	15,700	34,900	34,100	14,200	44,000	8,400	21,800	15,600	47,400
Electrical/related engineering .....	402,500	30,100	51,900	55,800	25,900	65,400	19,400	39,400	30,700	82,900
Industrial engineering .....	81,200	4,000	11,900	17,200	4,900	15,800	5,000	8,000	3,300	11,000
Mechanical engineering .....	302,700	21,800	40,100	59,100	16,800	52,000	12,700	31,900	16,400	51,400
Other engineering .....	181,800	16,100	27,500	25,700	10,500	30,000	8,400	21,200	11,400	30,900
<b>Non-S&amp;E degrees, total</b> .....	518,200	36,900	74,700	79,800	39,300	85,700	23,100	52,100	30,700	95,800
<b>Master's</b>										
<b>All degree fields, total</b> .....	2,656,800	220,500	470,400	366,200	147,700	473,900	97,900	217,700	170,600	487,700
<b>S&amp;E degree fields, total</b> .....	1,359,300	99,200	225,100	185,100	77,400	250,200	51,500	121,000	89,500	257,300
<b>Sciences, total</b> .....	953,500	66,700	160,900	132,500	58,100	181,500	37,900	82,700	61,900	169,100
<b>Computer/math sciences, total</b> .....	230,700	15,600	45,900	31,100	9,700	44,600	8,900	19,700	15,900	38,800
Computer/information sciences .....	132,400	10,100	27,500	16,000	3,700	27,200	2,100	10,700	9,300	25,400
Mathematical sciences .....	98,400	5,400	18,400	15,100	6,000	17,400	6,700	9,000	6,600	13,400
<b>Life/related sciences, total</b> .....	149,400	11,400	21,800	22,600	12,500	26,200	6,200	14,900	9,400	24,300
Agricultural/food sciences .....	26,900	800	2,200	4,200	3,300	4,300	1,100	3,600	1,900	5,500
Biological sciences .....	106,600	9,500	16,500	16,400	8,200	19,100	4,800	9,500	6,600	15,900
Environmental life sciences .....	15,800	1,100	3,000	2,100	1,000	2,800	200	1,700	900	2,900
<b>Physical/related sciences, total</b> .....	112,200	6,900	18,100	14,600	5,100	19,400	3,800	14,000	11,400	18,300
Chemistry, except biochemistry .....	34,800	2,600	8,500	6,000	900	5,300	900	3,600	2,400	4,500
Earth science, geology and oceanography .....	34,700	1,500	4,400	3,900	1,500	4,200	1,100	7,100	4,100	6,500
Physics/astronomy .....	32,000	2,100	4,100	3,700	1,400	7,400	1,100	2,200	3,600	6,400
Other physical sciences .....	10,700	800	1,100	1,100	1,300	2,500	700	1,100	1,300	900

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Level and field of highest degree	Employed S&Es, total <sup>1</sup>	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>Master's — continued</b>										
<b>Social/related sciences, total</b> .....	461,100	32,700	75,100	64,200	30,800	91,300	19,100	34,100	25,200	87,700
Economics .....	40,600	1,500	7,500	5,800	4,100	7,700	1,300	4,600	2,600	5,400
Political/related sciences .....	60,800	3,200	12,500	7,000	1,100	18,500	2,800	2,800	1,800	10,400
Psychology .....	259,300	21,800	39,300	37,600	17,800	44,100	10,700	20,100	16,200	51,700
Sociology/anthropology .....	39,400	2,200	6,100	5,300	2,900	6,300	2,300	2,400	2,600	9,300
Other social sciences .....	61,100	4,000	9,800	8,500	5,000	14,700	2,100	4,300	2,000	10,800
<b>Engineering, total</b> .....	405,800	32,500	64,100	52,700	19,300	68,700	13,600	38,300	27,600	88,200
Aerospace/related engineering .....	17,500	1,400	1,300	1,900	1,000	2,800	1,300	1,800	1,200	4,800
Chemical engineering .....	22,700	1,000	5,000	3,400	800	3,900	900	3,900	900	2,900
Civil/architectural engineering .....	66,300	3,800	11,100	6,500	4,200	11,000	3,100	5,800	4,700	16,100
Electrical/related engineering .....	134,700	13,000	20,300	14,600	6,100	21,000	2,800	10,900	10,300	35,200
Industrial engineering .....	20,200	700	2,300	3,600	900	4,200	1,200	3,800	800	2,600
Mechanical engineering .....	62,000	6,200	10,600	11,500	2,700	8,400	2,100	4,200	4,000	12,000
Other engineering .....	82,400	6,200	13,600	11,100	3,600	17,500	2,300	7,800	5,700	14,600
<b>Non-S&amp;E degrees, total</b> .....	1,297,500	121,300	245,300	181,100	70,300	223,700	46,400	96,700	81,100	230,400
<b>Doctorate</b>										
<b>All degree fields, total</b> .....	689,900	53,400	115,100	96,200	43,800	132,400	28,900	52,800	43,000	123,000
<b>S&amp;E degree fields, total</b> .....	557,400	44,300	95,300	78,500	32,200	104,600	22,200	42,900	35,800	100,200
<b>Sciences, total</b> .....	467,000	37,400	80,800	64,900	28,200	90,800	18,400	34,600	28,400	82,500
<b>Computer/math sciences, total</b> .....	36,900	2,900	5,900	5,600	1,900	7,000	1,500	2,600	2,400	7,100
Computer/information sciences .....	10,800	700	1,900	1,600	500	2,100	100	800	600	2,500
Mathematical sciences .....	26,100	2,200	4,000	4,000	1,300	5,000	1,300	1,800	1,800	4,600
<b>Life/related sciences, total</b> .....	157,200	12,200	24,900	21,800	11,000	30,400	7,300	12,600	9,200	27,400
Agricultural/food sciences .....	17,400	700	1,800	2,700	2,400	3,200	1,000	1,800	1,100	2,700
Biological sciences .....	135,300	11,400	22,800	18,800	8,200	26,400	6,200	10,400	6,900	23,900
Environmental life sciences .....	4,500	100	400	300	300	900	200	400	1,100	900

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

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Level and field of highest degree	Employed S&Es, total <sup>1</sup>	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>Doctorate — continued</b>										
<b>Physical/related sciences, total</b> .....	118,100	10,000	21,200	16,400	5,500	20,700	3,900	9,500	9,000	21,400
Chemistry, except biochemistry .....	60,800	5,100	13,200	10,500	3,500	10,000	2,100	4,800	2,900	8,500
Earth science, geology and oceanography .....	15,300	1,200	1,100	1,400	500	2,700	600	2,200	2,300	3,300
Physics/astronomy .....	40,400	3,600	6,700	4,300	1,600	7,600	1,200	2,500	3,500	9,400
Other physical sciences .....	1,600	100	300	200	S	300	100	100	300	200
<b>Social/related sciences, total</b> .....	154,800	12,200	28,800	21,000	9,800	32,700	5,600	9,900	7,900	26,500
Economics .....	21,100	1,700	3,300	2,700	1,200	6,700	1,000	1,300	900	2,300
Political/related sciences .....	15,400	1,200	2,700	2,100	1,100	4,100	600	900	400	2,300
Psychology .....	82,100	6,500	16,300	11,100	4,800	15,300	3,000	5,700	4,300	15,200
Sociology/anthropology .....	22,100	1,900	3,900	3,200	2,000	4,000	700	1,200	1,500	3,600
Other social sciences .....	14,100	1,000	2,700	1,900	800	2,700	400	800	800	3,200
<b>Engineering, total</b> .....	90,300	6,900	14,500	13,700	4,000	13,800	3,800	8,300	7,300	17,700
Aerospace/related engineering .....	4,000	500	400	500	200	900	200	100	400	800
Chemical engineering .....	12,100	600	2,800	1,900	600	1,700	500	2,000	700	1,300
Civil/architectural engineering .....	8,500	600	1,000	1,100	300	1,500	400	1,000	800	1,600
Electrical/related engineering .....	23,600	2,100	4,100	2,800	700	3,600	700	1,700	1,800	6,000
Industrial engineering .....	2,600	100	400	600	200	300	100	300	200	500
Mechanical engineering .....	10,800	900	1,400	2,300	500	1,400	500	700	1,000	2,100
Other engineering .....	28,700	2,200	4,400	4,500	1,400	4,400	1,400	2,500	2,300	5,400
<b>Non-S&amp;E degrees, total</b> .....	132,600	9,100	19,800	17,600	11,600	27,700	6,700	9,900	7,200	22,900

<sup>1</sup> Includes individuals employed in the U.S. who reported employer address outside the U.S., not shown separately

<sup>2</sup> 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)