

Table C-8. Employed U.S. scientists and engineers, by level and field of highest degree attained, employment sector, and primary/secondary work activity : 1995

Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹						
All degree fields, total	10,114,500	2,901,800	1,459,000	6,035,200	2,156,900	3,498,600
Educational institution	1,837,300	592,100	1,064,900	658,100	241,900	491,800
Government	1,384,100	355,500	84,300	843,300	282,400	615,000
Business/industry	6,893,100	1,954,300	309,800	4,533,800	1,632,700	2,391,800
S&E degree fields, total	7,333,100	2,349,900	952,500	4,353,400	1,708,400	2,154,600
Educational institution	1,250,900	472,500	695,200	423,400	181,200	280,600
Government	1,041,700	287,200	61,500	620,400	230,100	441,800
Business/industry	5,040,400	1,590,200	195,700	3,309,500	1,297,100	1,432,200
Sciences, total	5,476,100	1,417,300	881,900	3,284,700	1,225,000	1,752,900
Educational institution	1,142,500	407,700	649,600	395,100	155,600	266,700
Government	790,800	181,800	56,200	464,900	170,100	365,700
Business/industry	3,542,900	827,700	176,100	2,424,700	899,200	1,120,500
Computer/math sciences, total	955,400	302,100	134,000	482,500	532,200	138,400
Educational institution	158,500	47,700	109,900	44,700	47,600	16,900
Government	86,400	25,800	5,200	48,000	44,900	17,300
Business/industry	710,500	228,600	18,900	389,700	439,700	104,300
Life/related sciences, total	1,127,800	371,100	204,700	645,600	148,300	400,400
Educational institution	294,000	143,400	152,600	96,300	25,600	58,900
Government	154,200	53,200	11,400	85,600	26,700	68,400
Business/industry	679,700	174,500	40,700	463,600	96,000	273,100
Physical/related sciences, total	605,200	284,300	82,000	298,200	124,800	151,400
Educational institution	128,800	70,400	67,700	32,900	21,300	16,200
Government	76,900	32,200	3,500	38,300	19,400	28,700
Business/industry	399,500	181,700	10,800	227,000	84,200	106,500
Social/related sciences, total	2,787,700	459,800	461,200	1,858,400	419,700	1,062,700
Educational institution	561,200	146,200	319,500	221,100	61,000	174,700
Government	473,300	70,600	36,100	293,000	79,200	251,400
Business/industry	1,753,200	243,000	105,600	1,344,400	279,400	636,600
Engineering, total	1,856,900	932,600	70,600	1,068,700	483,400	401,800
Educational institution	108,500	64,800	45,600	28,300	25,600	13,900
Government	250,900	105,400	5,400	155,500	59,900	76,200
Business/industry	1,497,500	762,500	19,600	884,800	397,900	311,700
Non-S&E degree fields, total	2,781,400	551,900	506,500	1,681,800	448,600	1,344,000
Educational institution	586,400	119,500	369,700	234,700	60,600	211,200
Government	342,400	68,200	22,700	222,900	52,300	173,200
Business/industry	1,852,700	364,100	114,100	1,224,300	335,600	959,600
Bachelor's						
All degree fields, total	5,926,700	1,637,100	610,600	3,758,000	1,494,300	1,767,600
Educational institution	709,700	189,200	380,600	278,500	123,400	168,400
Government	848,300	205,600	52,000	516,100	198,300	366,800
Business/industry	4,368,700	1,242,300	178,100	2,963,500	1,172,500	1,232,300

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

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Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
S&E degree fields, total	5,408,600	1,465,500	558,300	3,451,500	1,293,800	1,631,300
Educational institution	662,800	179,700	356,200	257,500	110,400	153,900
Government	785,600	183,000	48,600	478,500	176,600	347,400
Business/industry	3,960,100	1,102,800	153,500	2,715,500	1,006,700	1,130,000
Sciences, total	4,047,800	834,400	522,000	2,626,900	952,800	1,307,600
Educational institution	615,100	158,600	339,600	242,600	97,000	144,000
Government	594,800	108,300	44,200	358,200	132,400	285,500
Business/industry	2,838,000	567,500	138,200	2,026,200	723,500	878,100
Computer/math sciences, total	687,700	196,200	71,900	369,900	393,100	104,500
Educational institution	82,000	15,800	53,900	26,500	27,400	8,600
Government	63,900	16,600	3,400	36,700	33,500	13,100
Business/industry	541,800	163,800	14,600	306,700	332,100	82,800
Life/related sciences, total	820,200	204,400	119,600	510,800	119,700	316,300
Educational institution	154,000	56,400	77,500	55,900	16,500	39,000
Government	110,500	29,100	9,000	64,400	20,300	51,800
Business/industry	555,700	118,900	33,100	390,500	82,900	225,400
Physical/related sciences, total	374,500	139,700	34,200	206,600	83,400	111,900
Educational institution	52,300	22,400	23,700	15,900	9,600	8,800
Government	48,800	16,400	2,200	25,100	13,300	20,500
Business/industry	273,300	100,900	8,300	165,600	60,500	82,600
Social/related sciences, total	2,165,400	294,100	296,300	1,539,700	356,600	775,000
Educational institution	326,800	64,100	184,500	144,200	43,500	87,700
Government	371,400	46,100	29,600	232,000	65,200	200,000
Business/industry	1,467,200	183,900	82,200	1,163,400	247,900	487,300
Engineering, total	1,360,800	631,100	36,200	824,600	341,000	323,700
Educational institution	47,800	21,100	16,600	14,900	13,500	9,900
Government	190,900	74,700	4,400	120,300	44,300	61,900
Business/industry	1,122,200	535,300	15,200	689,300	283,200	251,900
Non-S&E degree fields, total	518,200	171,600	52,400	306,500	200,500	136,300
Educational institution	46,900	9,500	24,400	21,000	13,000	14,500
Government	62,600	22,600	3,400	37,600	21,700	19,400
Business/industry	408,600	139,500	24,600	247,900	165,800	102,300
Master's						
All degree fields, total	2,656,800	753,900	500,300	1,559,000	558,100	837,900
Educational institution	668,600	154,700	404,500	257,500	94,100	184,700
Government	377,500	100,600	22,200	246,100	70,900	148,300
Business/industry	1,610,700	498,600	73,600	1,055,400	393,000	504,800
S&E degree fields, total	1,359,300	521,100	213,500	700,000	349,800	393,200
Educational institution	317,000	103,800	169,900	102,700	52,700	88,100
Government	201,700	70,900	10,800	117,200	45,800	76,800
Business/industry	840,600	346,400	32,900	480,200	251,300	228,400

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

Table C-8. Employed U.S. scientists and engineers, by level and field of highest degree attained, employment sector, and primary/secondary work activity : 1995

Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's — continued						
Sciences, total	953,500	287,400	198,500	488,200	225,500	323,900
Educational institution	286,200	83,900	159,400	95,600	43,400	85,500
Government	147,800	45,000	9,900	84,500	31,200	63,200
Business/industry	519,500	158,500	29,200	308,200	150,900	175,200
Computer/math sciences, total	230,700	81,000	43,000	103,700	128,100	31,000
Educational institution	54,200	16,400	37,400	15,100	17,300	6,900
Government	20,500	7,700	1,800	10,800	10,300	3,900
Business/industry	156,000	56,900	3,800	77,900	100,500	20,200
Life/related sciences, total	149,400	57,900	37,500	75,300	19,200	48,800
Educational institution	52,300	21,200	31,200	18,000	5,400	6,600
Government	26,500	12,400	1,500	12,800	4,900	12,100
Business/industry	70,600	24,300	4,900	44,500	9,000	30,100
Physical/related sciences, total	112,200	56,700	18,200	51,100	24,600	25,800
Educational institution	28,400	12,600	15,800	6,400	6,100	3,900
Government	17,300	7,500	1,100	9,500	4,100	6,200
Business/industry	66,600	36,600	1,400	35,100	14,400	15,700
Social/related sciences, total	461,100	91,800	99,700	258,100	53,600	218,300
Educational institution	151,200	33,600	75,100	56,100	14,700	68,000
Government	83,500	17,400	5,500	51,300	11,900	41,000
Business/industry	226,500	40,800	19,100	150,700	27,000	109,300
Engineering, total	405,800	233,700	15,000	211,800	124,300	69,300
Educational institution	30,800	20,000	10,500	7,100	9,300	2,600
Government	53,900	25,800	900	32,700	14,500	13,500
Business/industry	321,100	187,900	3,600	172,000	100,500	53,100
Non-S&E degree fields, total	1,297,500	232,900	286,900	859,000	208,300	444,600
Educational institution	351,600	50,900	234,600	154,800	41,400	96,600
Government	175,800	29,700	11,400	128,900	25,200	71,600
Business/industry	770,100	152,200	40,800	575,300	141,700	276,400
Doctorate						
All degree fields, total	689,900	407,900	240,100	260,600	78,900	166,000
Educational institution	348,700	218,900	222,800	94,400	23,500	53,800
Government	62,600	36,000	3,200	30,700	8,900	20,100
Business/industry	278,600	153,000	14,100	135,600	46,500	92,100
S&E degree fields, total	557,400	361,300	180,000	198,000	64,800	124,800
Educational institution	267,900	188,200	168,500	62,100	18,100	36,700
Government	53,500	33,000	2,200	24,100	7,700	17,200
Business/industry	236,000	140,100	9,400	111,700	39,100	70,900
Sciences, total	467,000	293,400	160,600	165,700	46,700	116,000
Educational institution	237,900	164,400	149,900	55,800	15,200	35,300
Government	47,400	28,100	2,100	21,600	6,500	16,400
Business/industry	181,700	100,800	8,600	88,200	24,900	64,300

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Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Computer/math sciences, total	36,900	24,800	19,000	8,800	11,000	2,900
Educational institution	22,300	15,500	18,500	3,200	2,900	1,300
Government	1,900	1,500	S	500	1,100	200
Business/industry	12,700	7,800	500	5,200	7,100	1,300
Life/related sciences, total	157,200	108,200	47,500	58,700	9,400	35,200
Educational institution	87,400	65,500	43,900	22,400	3,800	13,100
Government	16,900	11,400	900	8,100	1,500	4,400
Business/industry	52,900	31,300	2,700	28,200	4,000	17,600
Physical/related sciences, total	118,100	87,900	29,600	40,300	16,800	13,400
Educational institution	48,000	35,400	28,200	10,500	5,700	3,500
Government	10,800	8,300	200	3,700	2,000	2,000
Business/industry	59,300	44,200	1,100	26,000	9,200	8,000
Social/related sciences, total	154,800	72,500	64,500	57,800	9,500	64,500
Educational institution	80,300	48,000	59,200	19,700	2,900	17,300
Government	17,800	7,000	1,000	9,300	2,000	9,800
Business/industry	56,700	17,500	4,300	28,900	4,600	37,400
Engineering, total	90,300	67,900	19,400	32,300	18,100	8,800
Educational institution	29,900	23,700	18,600	6,300	2,900	1,400
Government	6,100	4,900	100	2,500	1,100	700
Business/industry	54,200	39,300	800	23,500	14,100	6,600
Non-S&E degree fields, total	132,600	46,600	60,100	62,600	14,000	41,200
Educational institution	80,800	30,800	54,400	32,300	5,400	17,100
Government	9,100	3,000	1,000	6,600	1,200	2,900
Business/industry	42,600	12,800	4,700	23,800	7,400	21,200

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. Sum of primary/secondary work activity categories exceeds total because of multiple responses.

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)