

Appendix table 3-1

(Page 1 of 4)

**Employment and earnings in S&E and related occupations, by occupation: May 2006**

(Dollars)

Occupation	All employed (n)	Annual earnings					
		Mean	10th percentile	25th percentile	Median	75th percentile	90th percentile
All occupations .....	132,604,980	39,190	15,500	20,270	30,400	47,820	72,960
Scientists, engineers, technicians, and technical managers .....	7,441,780	68,940	33,570	45,940	64,160	87,170	112,300
Technical managers .....	473,820	108,390	63,360	81,070	103,020	129,770	D
Computer and information systems managers.....	251,210	107,250	60,800	79,240	101,580	129,250	D
Engineering managers .....	183,960	110,030	67,470	84,090	105,430	130,170	D
Natural sciences managers .....	38,660	107,970	60,300	77,320	100,080	130,900	D
Scientists/engineers .....	5,407,710	71,150	37,070	49,840	67,780	89,160	112,140
Engineers.....	1,543,900	77,910	46,980	58,650	74,800	93,950	116,070
Aerospace engineers.....	86,720	89,260	59,610	71,360	87,610	106,450	124,550
Agricultural engineers .....	3,050	67,810	42,390	53,040	66,030	80,370	96,270
Biomedical engineers.....	14,030	78,030	44,930	56,420	73,930	93,420	116,330
Chemical engineers .....	29,060	81,600	50,060	62,410	78,860	98,100	118,670
Civil engineers .....	236,690	72,120	44,810	54,520	68,600	86,260	104,420
Computer hardware engineers .....	74,480	91,280	53,910	69,500	88,470	111,030	135,260
Electrical engineers.....	147,670	78,900	49,120	60,640	75,930	94,050	115,240
Electronics engineers, except computer .....	131,880	82,820	52,050	64,440	81,050	99,630	119,900
Environmental engineers.....	51,370	72,590	43,180	54,150	69,940	88,480	106,230
Health and safety engineers, except mining safety engineers and inspectors .....	24,620	68,400	41,050	51,630	66,290	83,240	100,160
Industrial engineers.....	198,340	70,630	44,790	55,060	68,620	84,850	100,980
Marine engineers and naval architects .....	7,810	75,400	45,200	56,280	72,990	90,790	113,320
Materials engineers.....	21,230	75,960	46,120	57,850	73,990	92,210	112,140
Mechanical engineers .....	217,500	72,580	45,170	55,420	69,850	87,550	104,900
Mining and geological engineers, including mining safety engineers .....	6,810	77,620	42,040	54,390	72,160	94,110	128,410
Nuclear engineers.....	14,870	92,040	65,220	77,920	90,220	105,710	124,510
Petroleum engineers .....	15,060	101,620	57,960	75,880	98,380	123,130	D
Engineers, all other .....	155,620	81,750	46,080	62,710	81,660	100,320	120,610
Engineering teachers, postsecondary .....	31,950	82,080	41,880	57,350	76,670	101,510	129,610
Sales engineers .....	75,150	83,080	47,010	59,490	77,720	100,280	127,680
Mathematical and computer scientists .....	2,743,560	68,910	34,910	47,580	65,900	87,320	109,200
Computer and information scientists, research.....	27,650	96,440	53,590	71,930	93,950	118,100	144,880
Computer software engineers, applications .....	472,520	82,000	49,350	62,830	79,780	98,470	119,770
Computer software engineers, systems software .....	329,060	87,250	53,580	67,620	85,370	105,330	125,750
Computer support specialists .....	514,460	44,350	25,290	32,110	41,470	53,640	68,540
Computer systems analysts .....	446,460	72,230	42,780	54,320	69,760	87,600	106,820
Database administrators .....	109,840	67,460	37,350	48,560	64,670	84,830	103,010
Network and computer systems administrators.....	289,520	65,260	38,610	48,520	62,130	79,160	97,080
Network systems and data communications analysts....	203,710	67,460	38,410	49,510	64,600	82,630	101,740
Computer specialists, all other .....	180,270	69,370	35,500	50,950	68,570	87,120	103,270
Mathematicians .....	2,840	86,780	43,500	62,970	86,930	106,250	132,190
Operations research analysts .....	56,170	69,100	38,760	48,820	64,650	85,760	108,290
Statisticians .....	19,660	69,080	37,010	48,480	65,720	87,850	108,630
Mathematical science occupations, all other .....	10,190	64,920	35,480	48,420	63,570	77,540	93,210
Computer science teachers, postsecondary.....	36,630	65,000	32,130	42,710	57,620	81,900	108,780
Mathematical science teachers, postsecondary.....	44,570	62,790	31,580	41,830	56,420	76,450	103,330
Life scientists.....	291,980	68,760	34,770	44,970	60,750	83,310	114,680
Animal scientists.....	3,930	53,230	31,540	37,930	47,800	62,950	81,430
Food scientists and technologists.....	8,770	59,260	29,620	37,740	53,810	76,960	97,350
Soil and plant scientists .....	10,720	59,330	33,650	42,410	56,080	72,020	93,460
Biochemists and biophysicists.....	18,680	80,900	40,820	53,390	76,320	100,060	129,510
Microbiologists.....	15,730	65,200	35,460	43,850	57,980	80,550	108,270
Zoologists and wildlife biologists.....	18,000	56,120	32,800	41,400	53,300	67,200	84,580
Biological scientists, all other .....	25,220	63,560	34,300	46,920	60,940	75,810	95,130
Conservation scientists .....	16,000	55,410	29,860	40,950	54,970	68,460	80,260
Foresters.....	10,760	52,450	33,490	40,870	51,190	62,290	74,570
Epidemiologists.....	4,120	60,290	36,920	45,220	56,670	71,080	87,300

Appendix table 3-1

(Page 2 of 4)

**Employment and earnings in S&E and related occupations, by occupation: May 2006**

(Dollars)

Occupation	All employed (n)	Annual earnings					
		Mean	10th percentile	25th percentile	Median	75th percentile	90th percentile
Medical scientists, except epidemiologists .....	78,210	70,350	35,490	44,830	61,680	88,130	117,520
Life scientists, all other .....	12,830	64,480	32,950	41,820	56,970	79,160	104,780
Agricultural sciences teachers, postsecondary .....	10,120	77,190	41,440	55,630	75,140	94,150	118,180
Biological science teachers, postsecondary .....	51,950	82,110	37,620	49,420	69,210	101,780	D
Forestry and conservation science teachers, postsecondary .....	2,630	66,970	36,290	46,900	64,430	84,140	102,630
Environmental science teachers, postsecondary .....	4,310	71,980	32,890	46,500	64,780	89,680	119,260
Physical scientists .....	291,380	70,870	36,830	47,170	64,520	89,040	116,860
Astronomers .....	1,430	95,000	44,590	62,050	95,740	125,420	D
Physicists .....	15,420	95,580	52,070	72,910	94,240	117,080	143,570
Atmospheric and space scientists .....	8,250	77,810	39,090	55,530	77,150	96,490	119,700
Chemists .....	80,500	66,040	35,480	44,780	59,870	82,610	106,310
Materials scientists .....	9,390	77,010	41,810	55,170	74,610	96,800	118,670
Environmental scientists and specialists, including health .....	77,720	61,120	34,590	42,840	56,100	74,480	94,670
Geoscientists, except hydrologists and geographers .....	28,980	79,890	39,740	51,860	72,660	100,650	135,950
Hydrologists .....	7,740	68,230	42,080	51,370	66,260	82,140	98,320
Physical scientists, all other .....	21,380	85,310	41,440	59,210	83,450	109,430	136,130
Atmospheric, earth, marine, and space sciences teachers, postsecondary .....	8,670	74,880	37,330	50,390	69,300	94,470	121,500
Chemistry teachers, postsecondary .....	19,560	70,100	36,160	46,920	61,220	85,550	116,910
Physics teachers, postsecondary .....	12,340	74,650	39,580	50,870	68,170	91,420	120,210
Social scientists .....	536,880	64,570	31,220	42,180	58,310	80,340	107,690
Economists .....	12,970	83,500	42,280	55,740	77,010	103,500	136,550
Market research analysts .....	213,590	65,930	32,250	42,190	58,820	84,070	112,510
Survey researchers .....	24,140	39,680	16,720	22,150	33,360	50,960	73,630
Clinical, counseling, and school psychologists .....	97,330	66,110	35,280	45,300	59,440	77,750	102,730
Industrial-organizational psychologists .....	1,140	89,920	48,380	66,310	86,420	115,000	139,620
Psychologists, all other .....	7,960	80,360	33,220	53,820	76,310	95,820	123,840
Sociologists .....	3,440	68,300	36,790	44,610	60,290	88,240	115,770
Urban and regional planners .....	32,640	58,940	35,610	44,480	56,630	71,390	86,880
Anthropologists and archeologists .....	4,960	52,900	28,940	36,150	49,930	66,610	81,490
Geographers .....	960	63,720	37,530	50,120	62,990	77,770	93,930
Political scientists .....	3,970	86,370	36,730	56,100	90,140	115,750	133,120
Social scientists and related workers, all other .....	31,110	67,720	38,230	49,860	64,920	81,610	103,390
Social science research assistants .....	15,840	35,840	20,500	26,270	33,860	43,310	54,930
Anthropology and archeology teachers, postsecondary ...	5,040	68,240	37,590	49,160	62,820	83,760	109,330
Economics teachers, postsecondary .....	12,330	79,370	38,630	52,140	71,850	96,230	130,990
Geography teachers, postsecondary .....	4,070	62,850	34,300	47,300	59,000	76,630	98,200
Political science teachers, postsecondary .....	13,850	69,040	35,730	47,340	61,820	82,960	113,480
Psychology teachers, postsecondary .....	29,690	64,580	32,800	44,150	58,670	79,230	104,390
Sociology teachers, postsecondary .....	16,110	63,160	30,880	42,280	56,620	76,310	104,820
Social sciences teachers, postsecondary, all other .....	5,750	69,640	29,750	45,270	61,210	89,730	123,180
Technicians .....	1,560,250	51,440	26,940	35,080	47,350	62,930	81,690
Computer programmers .....	396,020	69,500	38,460	49,580	65,510	85,080	106,610
Mathematical technicians .....	1,210	46,010	25,860	29,990	37,880	51,890	72,040
Surveyors .....	56,820	51,390	26,690	35,720	48,290	63,990	79,910
Architectural and civil drafters .....	107,110	43,900	27,010	33,550	41,960	52,220	63,310
Electrical and electronics drafters .....	32,440	49,610	29,290	36,660	46,830	60,160	74,490
Mechanical drafters .....	72,950	45,960	28,230	34,680	43,700	55,130	67,860
Drafters, all other .....	22,800	45,480	26,340	33,340	43,060	55,920	69,810
Aerospace engineering and operations technicians .....	8,280	54,480	34,570	43,440	53,300	63,900	74,860
Civil engineering technicians .....	86,730	42,380	25,250	31,310	40,560	51,230	62,920
Electrical and electronic engineering technicians .....	166,340	50,840	30,120	39,270	50,660	60,470	73,200
Electro-mechanical technicians .....	15,310	46,540	29,830	35,730	44,720	56,360	68,700
Environmental engineering technicians .....	20,600	43,100	25,110	30,920	40,560	53,250	66,120
Industrial engineering technicians .....	73,640	50,920	30,190	37,040	46,810	60,860	79,180

Appendix table 3-1

(Page 3 of 4)

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(Dollars)

Occupation	All employed (n)	Annual earnings					
		Mean	10th percentile	25th percentile	Median	75th percentile	90th percentile
Mechanical engineering technicians.....	46,660	47,710	29,770	36,770	45,850	57,310	70,090
Engineering technicians, except drafters, all other.....	78,260	53,850	30,530	41,900	54,250	66,070	77,080
Surveying and mapping technicians.....	70,940	34,590	20,020	25,070	32,340	42,230	53,310
Agricultural and food science technicians.....	19,220	33,700	20,850	25,640	31,730	39,870	49,270
Biological technicians.....	71,590	38,240	23,670	28,580	35,710	45,770	57,890
Chemical technicians.....	59,900	40,970	24,560	30,640	39,240	49,870	60,120
Geological and petroleum technicians.....	11,280	51,490	22,020	31,560	46,160	63,740	88,150
Nuclear technicians.....	6,400	64,760	42,550	54,240	65,500	76,570	89,240
Environmental science and protection technicians, including health.....	34,790	40,260	23,600	29,450	38,090	49,340	60,700
Forensic science technicians.....	12,310	48,130	27,530	34,640	45,330	58,380	73,100
Forest and conservation technicians.....	30,580	33,780	22,450	26,270	30,880	40,030	49,380
Life, physical, and social science technicians, all other....	58,080	40,870	21,890	28,740	37,920	50,790	64,060
Other S&E-related.....	7,317,320	63,130	27,290	38,150	53,050	73,100	109,050
Actuaries.....	16,620	91,810	46,470	58,710	82,800	114,570	D
Architects, except landscape and naval.....	101,010	69,760	39,420	49,780	64,150	83,450	104,970
Landscape architects.....	22,130	60,480	34,230	42,720	55,140	73,240	95,420
Cartographers and photogrammetrists.....	11,430	52,600	30,910	37,480	48,240	65,240	80,520
Architecture teachers, postsecondary.....	5,820	67,390	37,670	50,250	64,620	82,050	101,700
Healthcare practitioner and technical workers.....	7,160,310	62,990	27,140	37,950	52,830	72,840	109,060
Medical and health services managers.....	232,920	81,160	45,050	57,240	73,340	94,780	127,830
Health educators.....	57,900	45,370	24,750	31,300	41,330	56,580	72,500
Health specialties teachers, postsecondary.....	116,370	91,260	36,990	52,500	77,190	118,020	D
Nursing instructors and teachers, postsecondary.....	39,350	58,690	34,140	43,750	55,280	70,170	88,640
Chiropractors.....	25,470	81,070	32,670	45,710	65,220	96,500	D
Dentists, general.....	86,110	140,950	68,990	95,780	132,140	D	D
Oral and maxillofacial surgeons.....	5,320	164,760	60,550	104,650	D	D	D
Orthodontists.....	5,200	176,900	81,720	D	D	D	D
Prosthodontists.....	480	158,940	55,650	103,500	D	D	D
Dentists, all other specialists.....	4,560	108,340	40,830	52,160	91,200	D	D
Dietitians and nutritionists.....	51,230	47,890	29,860	38,430	46,980	57,090	68,330
Optometrists.....	24,220	98,550	45,030	66,530	91,040	118,490	D
Pharmacists.....	239,920	93,500	67,860	83,180	94,520	108,140	119,480
Anesthesiologists.....	29,890	184,340	114,200	D	D	D	D
Family and general practitioners.....	109,400	149,850	69,990	112,600	D	D	D
Internists, general.....	48,700	160,860	87,070	128,250	D	D	D
Obstetricians and gynecologists.....	22,520	178,040	103,070	D	D	D	D
Pediatricians, general.....	28,930	141,440	66,480	103,230	138,130	D	D
Psychiatrists.....	24,730	149,990	60,900	118,450	D	D	D
Surgeons.....	51,900	184,150	116,850	D	D	D	D
Physicians and surgeons, all other.....	208,960	142,220	45,160	84,630	D	D	D
Physician assistants.....	62,960	74,270	43,100	62,430	74,980	89,220	102,230
Podiatrists.....	9,020	118,500	44,500	68,890	108,220	D	NA
Registered nurses.....	2,417,150	59,730	40,250	47,710	57,280	69,850	83,440
Audiologists.....	10,910	61,110	38,370	47,220	57,120	70,940	89,160
Occupational therapists.....	88,570	62,510	40,840	50,450	60,470	73,710	89,450
Physical therapists.....	156,100	68,050	46,510	55,030	66,200	78,080	94,810
Radiation therapists.....	14,290	67,580	44,840	54,170	66,170	78,550	92,110
Recreational therapists.....	24,130	36,510	20,880	26,780	34,990	44,850	55,530
Respiratory therapists.....	99,330	48,610	35,200	40,840	47,420	56,160	64,190
Speech-language pathologists.....	98,690	60,840	37,970	46,360	57,710	72,410	90,400
Therapists, all other.....	11,660	45,070	20,880	25,800	42,250	56,940	72,640
Veterinarians.....	49,750	81,490	43,530	56,450	71,990	94,880	133,150
Health diagnosing and treating practitioners, all other.....	53,270	83,110	33,500	43,520	61,570	106,920	D
Medical and clinical laboratory technologists.....	160,760	50,550	34,660	41,680	49,700	58,560	69,260
Medical and clinical laboratory technicians.....	144,710	34,620	21,830	26,430	32,840	41,020	50,250
Dental hygienists.....	166,380	62,430	40,450	51,240	62,800	74,190	86,530

Appendix table 3-1

(Page 4 of 4)

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(Dollars)

Occupation	All employed (n)	Annual earnings					
		Mean	10th percentile	25th percentile	Median	75th percentile	90th percentile
Cardiovascular technologists and technicians.....	43,870	43,990	23,670	29,900	42,300	55,670	67,410
Diagnostic medical sonographers.....	44,340	58,110	40,960	48,890	57,160	67,670	77,520
Nuclear medicine technologists.....	19,270	63,000	46,490	53,530	62,300	72,410	82,310
Radiologic technologists and technicians .....	190,180	49,320	32,750	39,840	48,170	57,940	68,920
Emergency medical technicians and paramedics .....	196,190	29,390	17,300	21,290	27,070	35,210	45,280
Dietetic technicians.....	24,450	26,090	15,720	18,750	24,040	31,530	38,520
Pharmacy technicians .....	282,450	26,510	17,800	21,010	25,630	31,030	36,720
Psychiatric technicians.....	58,940	30,450	18,720	21,960	27,780	36,770	47,210
Respiratory therapy technicians .....	18,710	39,860	25,940	32,050	39,120	46,930	56,220
Surgical technologists.....	84,330	37,370	25,490	30,300	36,080	43,560	51,140
Veterinary technologists and technicians.....	69,700	27,750	18,280	21,720	26,780	32,800	38,850
Licensed practical and licensed vocational nurses.....	720,380	37,530	26,380	31,080	36,550	43,640	50,480
Medical records and health information technicians .....	164,700	30,140	19,060	22,420	28,030	35,990	45,260
Opticians, dispensing .....	65,190	32,220	19,290	23,560	30,300	38,950	47,630
Orthotists and prosthetists .....	5,290	62,110	31,060	42,050	58,980	75,730	94,240
Health technologists and technicians, all other .....	72,180	38,260	22,440	27,620	35,140	45,890	59,020
Occupational health and safety specialists .....	42,220	59,270	35,250	45,050	58,030	72,660	86,590
Occupational health and safety technicians.....	10,020	44,340	25,240	32,550	42,160	53,840	68,640
Athletic trainers.....	15,440	38,860	21,940	28,920	36,560	45,690	57,580
Healthcare practitioners and technical workers, all other .....	50,690	45,090	21,720	27,040	37,200	56,890	81,910

D = suppressed to avoid disclosure of confidential information

SOURCE: Bureau of Labor Statistics, Occupational Employment Statistics Survey, May 2006.