

TABLE A-6. Standard errors for employed U.S. scientists and engineers reporting one or more disabilities, by level and field of highest degree and occupational category: 2003

Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
All levels, fields, and occupations ^a	24,000	16,000	15,000	9,000	11,000
S&E occupations	8,000	5,000	5,000	3,000	3,000
S&E-related occupations	12,000	7,000	8,000	4,000	5,000
Non-S&E occupations	20,000	13,000	12,000	8,000	9,000
Biological/agricultural/environmental life sciences degree fields	7,000	5,000	4,000	2,000	3,000
S&E occupations	2,000	2,000	2,000	500	1,000
S&E-related occupations	3,000	2,000	2,000	1,000	2,000
Non-S&E occupations	6,000	4,000	3,000	2,000	2,000
Computer/mathematical science degree fields	6,000	3,000	4,000	2,000	3,000
S&E occupations	3,000	2,000	2,000	1,000	1,000
S&E-related occupations	3,000	2,000	2,000	1,000	1,000
Non-S&E occupations	4,000	2,000	3,000	2,000	2,000
Physical/related science degree fields	3,000	2,000	2,000	1,000	1,000
S&E occupations	2,000	1,000	1,000	500	500
S&E-related occupations	1,000	1,000	1,000	S	500
Non-S&E occupations	3,000	2,000	1,000	500	1,000
Social/related science degree fields	12,000	8,000	8,000	6,000	6,000
S&E occupations	3,000	2,000	2,000	1,000	2,000
S&E-related occupations	3,000	2,000	2,000	1,000	1,000
Non-S&E occupations	11,000	7,000	7,000	6,000	6,000
Engineering degree fields	5,000	4,000	3,000	1,000	1,000
S&E occupations	3,000	2,000	3,000	1,000	1,000
S&E-related occupations	3,000	2,000	1,000	1,000	1,000
Non-S&E occupations	4,000	3,000	2,000	1,000	1,000
S&E-related fields	12,000	7,000	8,000	4,000	6,000
S&E occupations	2,000	1,000	1,000	1,000	1,000
S&E-related occupations	8,000	5,000	6,000	3,000	4,000
Non-S&E occupations	7,000	5,000	5,000	3,000	4,000
Non-S&E degree fields	11,000	8,000	7,000	5,000	6,000
S&E occupations	5,000	3,000	3,000	2,000	2,000
S&E-related occupations	5,000	3,000	4,000	2,000	3,000
Non-S&E occupations	9,000	6,000	6,000	4,000	4,000
Bachelor's degrees	20,000	12,000	12,000	8,000	10,000
S&E occupations	7,000	4,000	5,000	3,000	3,000
S&E-related occupations	9,000	5,000	6,000	4,000	5,000
Non-S&E occupations	17,000	10,000	9,000	7,000	7,000
Biological/agricultural/environmental life sciences degree fields	7,000	5,000	4,000	2,000	3,000
S&E occupations	2,000	2,000	2,000	500	1,000
S&E-related occupations	3,000	2,000	2,000	S	2,000
Non-S&E occupations	5,000	4,000	3,000	2,000	2,000
Computer/mathematical science degree fields	5,000	3,000	4,000	2,000	2,000
S&E occupations	3,000	2,000	1,000	1,000	1,000
S&E-related occupations	2,000	2,000	1,000	S	1,000
Non-S&E occupations	4,000	2,000	3,000	1,000	2,000
Physical/related science degree fields	3,000	2,000	1,000	1,000	1,000
S&E occupations	1,000	1,000	1,000	500	500
S&E-related occupations	1,000	1,000	1,000	S	S
Non-S&E occupations	3,000	2,000	1,000	S	S
Social/related science degree fields	11,000	7,000	7,000	6,000	6,000
S&E occupations	2,000	2,000	2,000	1,000	1,000
S&E-related occupations	3,000	2,000	1,000	1,000	1,000
Non-S&E occupations	10,000	6,000	7,000	5,000	5,000
Engineering degree fields	5,000	4,000	3,000	1,000	1,000

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Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
S&E occupations	3,000	2,000	2,000	1,000	1,000
S&E-related occupations	2,000	2,000	1,000	S	S
Non-S&E occupations	3,000	3,000	2,000	S	S
S&E-related fields	9,000	5,000	7,000	3,000	5,000
S&E occupations	1,000	1,000	1,000	500	500
S&E-related occupations	6,000	3,000	5,000	3,000	3,000
Non-S&E occupations	7,000	5,000	4,000	3,000	4,000
Non-S&E degree fields	7,000	3,000	4,000	4,000	3,000
S&E occupations	5,000	2,000	3,000	2,000	2,000
S&E-related occupations	4,000	2,000	3,000	2,000	2,000
Non-S&E occupations	3,000	S	1,000	S	S
Master's degrees	12,000	9,000	7,000	4,000	5,000
S&E occupations	5,000	3,000	2,000	1,000	1,000
S&E-related occupations	5,000	3,000	4,000	2,000	3,000
Non-S&E occupations	9,000	6,000	6,000	4,000	4,000
Biological/agricultural/environmental life sciences degree fields	2,000	1,000	1,000	S	500
S&E occupations	1,000	1,000	500	S	*
S&E-related occupations	1,000	S	1,000	S	S
Non-S&E occupations	2,000	1,000	S	S	S
Computer/mathematical science degree fields	3,000	1,000	2,000	1,000	1,000
S&E occupations	2,000	1,000	1,000	1,000	1,000
S&E-related occupations	1,000	S	1,000	S	S
Non-S&E occupations	1,000	S	1,000	S	1,000
Physical/related science degree fields	1,000	1,000	1,000	S	500
S&E occupations	1,000	1,000	1,000	S	S
S&E-related occupations	500	S	S	S	S
Non-S&E occupations	S	S	S	S	S
Social/related science degree fields	5,000	3,000	4,000	3,000	3,000
S&E occupations	1,000	1,000	1,000	1,000	500
S&E-related occupations	S	S	S	S	S
Non-S&E occupations	5,000	2,000	4,000	3,000	3,000
Engineering degree fields	3,000	2,000	1,000	1,000	1,000
S&E occupations	2,000	1,000	1,000	1,000	1,000
S&E-related occupations	1,000	S	S	S	S
Non-S&E occupations	1,000	1,000	500	S	S
S&E-related fields	5,000	3,000	4,000	2,000	2,000
S&E occupations	1,000	1,000	1,000	S	S
S&E-related occupations	4,000	2,000	3,000	1,000	2,000
Non-S&E occupations	2,000	1,000	2,000	1,000	1,000
Non-S&E degree fields	9,000	6,000	5,000	3,000	4,000
S&E occupations	2,000	2,000	1,000	500	1,000
S&E-related occupations	4,000	2,000	3,000	1,000	2,000
Non-S&E occupations	7,000	5,000	4,000	2,000	3,000
Doctorate degrees	3,000	2,000	2,000	1,000	1,000
S&E occupations	1,000	1,000	1,000	500	500
S&E-related occupations	1,000	1,000	500	500	500
Non-S&E occupations	2,000	1,000	2,000	1,000	1,000
Biological/agricultural/environmental life sciences degree fields	1,000	500	500	500	500
S&E occupations	1,000	500	500	500	500
S&E-related occupations	500	500	500	*	*
Non-S&E occupations	500	500	500	*	*
Computer/mathematical science degree fields	500	500	500	*	*
S&E occupations	500	500	500	*	*

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Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
S&E-related occupations	*	S	S	S	S
Non-S&E occupations	*	*	*	S	S
Physical/related science degree fields	1,000	500	500	500	500
S&E occupations	500	500	500	500	500
S&E-related occupations	500	*	*	S	S
Non-S&E occupations	500	500	*	*	*
Social/related science degree fields	1,000	500	500	500	500
S&E occupations	1,000	500	500	500	500
S&E-related occupations	500	*	*	S	*
Non-S&E occupations	500	500	500	500	500
Engineering degree fields	500	500	500	500	500
S&E occupations	500	500	500	500	500
S&E-related occupations	*	*	*	S	S
Non-S&E occupations	500	*	*	*	*
S&E-related fields	2,000	500	2,000	500	1,000
S&E occupations	500	*	*	S	*
S&E-related occupations	500	500	500	*	*
Non-S&E occupations	2,000	*	2,000	*	500
Non-S&E degree fields	2,000	1,000	1,000	1,000	500
S&E occupations	1,000	1,000	1,000	S	S
S&E-related occupations	S	S	S	S	S
Non-S&E occupations	2,000	1,000	1,000	1,000	500

* = standard error is not calculated when estimate is less than 500; S = standard error is not calculated when estimate is suppressed for reliability or confidentiality.

S&E = science and engineering.

^a Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See <http://sestat.nsf.gov/docs/ed03maj.html> for a detailed description of the educational field classification and <http://sestat.nsf.gov/docs/occ03maj.html> for a detailed description of the occupational classification. Standard errors of less than 500 are rounded up to 500, and standard errors equal to or greater than 500 are rounded up to the nearest thousand. The SESTAT surveys ask the degree of difficulty—none, slight, moderate, severe, unable to do—an individual has in seeing (with glasses/contact lenses), hearing (with hearing aid), walking without assistance, or lifting 10 pounds. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2003.