

TABLE A-4. Standard errors for employed U.S. scientists and engineers reporting one or more disabilities, by broad field of highest degree, selected occupations, and degree level: 2008

Level and field of highest degree, and broad occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
All degree levels and fields and occupations ^a	29,000	18,500	19,500	11,500	14,500
S&E occupations	10,500	6,500	8,000	4,500	4,500
S&E-related occupations	15,000	9,000	10,000	6,000	7,500
Non-S&E occupations	22,000	15,000	15,000	9,500	12,000
Biological/agricultural/environmental life sciences degree fields	8,000	6,000	5,500	3,000	3,500
S&E occupations	3,000	2,500	2,500	1,000	1,000
S&E-related occupations	4,500	3,000	3,000	2,000	2,500
Non-S&E occupations	6,500	4,000	4,500	2,500	3,000
Computer/mathematical sciences degree fields	6,500	4,500	5,000	3,500	4,000
S&E occupations	5,000	3,000	3,500	3,000	2,500
S&E-related occupations	3,000	1,500	2,500	S	1,500
Non-S&E occupations	4,500	3,500	3,500	2,500	3,000
Physical/related sciences degree fields	4,500	2,500	3,000	1,000	2,500
S&E occupations	2,500	1,500	1,500	1,000	1,500
S&E-related occupations	1,500	1,500	1,000	500	500
Non-S&E occupations	3,500	2,000	2,500	500	2,500
Social/related sciences degree fields	14,500	8,500	11,000	6,000	8,000
S&E occupations	3,000	1,500	2,500	2,000	2,000
S&E-related occupations	4,000	2,500	3,000	2,500	2,500
Non-S&E occupations	13,000	8,000	10,500	5,500	7,500
Engineering degree fields	8,500	6,000	6,000	3,500	3,000
S&E occupations	5,500	3,500	4,000	2,000	2,000
S&E-related occupations	3,500	2,000	2,000	1,500	2,000
Non-S&E occupations	5,500	4,500	4,000	2,500	2,000
S&E-related degree fields	15,000	9,000	10,000	6,500	8,000
S&E occupations	3,500	2,500	2,500	1,500	2,000
S&E-related occupations	11,000	7,000	7,500	4,500	6,000
Non-S&E occupations	9,000	5,500	6,000	4,500	5,000
Non-S&E degree fields	14,000	8,500	9,500	5,500	7,500
S&E occupations	5,500	3,000	4,000	2,000	2,500
S&E-related occupations	6,000	3,500	4,500	3,000	3,500
Non-S&E occupations	12,000	8,000	7,500	4,500	6,500
Bachelor's degrees	22,000	15,000	16,000	9,500	12,000
S&E occupations	9,000	5,500	6,500	4,000	4,000
S&E-related occupations	11,500	7,500	8,000	5,000	6,500
Non-S&E occupations	18,000	12,500	12,500	7,500	9,500
Biological/agricultural/environmental life sciences degree fields	7,500	5,500	5,500	3,000	3,500
S&E occupations	2,500	2,000	2,000	500	500
S&E-related occupations	4,000	3,000	3,000	S	2,000
Non-S&E occupations	6,000	4,000	4,500	2,500	3,000
Computer/mathematical science degree fields	6,500	4,000	5,000	3,000	4,000
S&E occupations	4,500	3,000	3,000	2,500	2,500
S&E-related occupations	3,000	1,500	2,000	D	1,500
Non-S&E occupations	4,000	3,000	3,000	2,000	2,500
Physical/related science degree fields	4,000	2,500	3,000	1,000	2,500
S&E occupations	2,000	1,500	1,000	1,000	1,000
S&E-related occupations	1,500	1,500	1,000	D	500
Non-S&E occupations	3,500	1,500	2,500	D	2,000

TABLE A-4. Standard errors for employed U.S. scientists and engineers reporting one or more disabilities, by broad field of highest degree, selected occupations, and degree level: 2008

Level and field of highest degree, and broad occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
Social/related science degree fields	14,000	8,000	10,500	5,500	7,500
S&E occupations	2,500	1,000	2,500	S	S
S&E-related occupations	4,000	2,500	3,000	2,500	2,500
Non-S&E occupations	12,500	8,000	10,000	5,500	7,000
Engineering degree fields	8,000	5,500	5,500	3,000	3,000
S&E occupations	5,000	3,000	3,500	2,000	1,500
S&E-related occupations	3,000	2,000	2,000	1,500	2,000
Non-S&E occupations	5,000	4,000	3,500	2,500	2,000
S&E-related degree fields	13,500	7,000	9,000	5,000	7,000
S&E occupations	3,000	2,000	2,000	1,500	1,500
S&E-related occupations	9,000	5,500	6,000	3,500	5,000
Non-S&E occupations	8,000	5,000	5,500	3,500	4,000
Non-S&E degree fields	7,000	4,500	5,500	3,000	3,500
S&E occupations	3,500	2,000	3,000	1,500	2,000
S&E-related occupations	4,500	2,500	3,500	2,000	2,500
Non-S&E occupations	4,500	3,500	4,000	2,500	S
Master's degrees	15,000	9,000	9,500	6,000	7,500
S&E occupations	6,500	4,000	4,000	2,000	2,500
S&E-related occupations	6,500	4,000	4,000	3,000	3,000
Non-S&E occupations	12,000	6,500	7,500	5,000	6,500
Biological/agricultural/environmental life sciences degree fields	3,000	2,000	2,500	500	1,000
S&E occupations	2,000	1,500	2,000	D	D
S&E-related occupations	1,500	S	1,500	D	S
Non-S&E occupations	2,000	1,500	D	D	D
Computer/mathematical science degree fields	2,500	2,500	2,000	1,500	1,500
S&E occupations	2,000	1,500	1,500	1,000	1,000
S&E-related occupations	1,000	D	1,000	D	D
Non-S&E occupations	2,000	1,500	1,500	S	1,500
Physical/related science degree fields	2,000	1,500	1,500	1,000	1,500
S&E occupations	1,500	1,000	1,000	1,000	S
S&E-related occupations	S	D	D	D	D
Non-S&E occupations	1,500	D	1,000	D	D
Social/related science degree fields	5,000	3,000	3,000	2,500	3,000
S&E occupations	1,500	1,000	1,000	1,000	1,500
S&E-related occupations	1,000	500	500	D	S
Non-S&E occupations	4,500	2,500	3,000	2,500	3,000
Engineering degree fields	3,000	2,000	2,500	1,500	1,500
S&E occupations	3,000	2,000	2,000	1,500	1,000
S&E-related occupations	1,000	500	1,000	D	D
Non-S&E occupations	1,500	1,000	1,500	*	S
S&E-related degree fields	6,500	4,000	4,500	3,500	3,500
S&E occupations	2,000	1,500	1,500	D	S
S&E-related occupations	5,000	3,000	3,000	2,500	3,000
Non-S&E occupations	4,000	2,500	3,000	2,500	2,500
Non-S&E degree fields	10,000	6,500	7,000	4,000	5,500
S&E occupations	3,500	2,000	2,500	1,500	1,500
S&E-related occupations	4,000	2,500	2,500	2,000	2,000
Non-S&E occupations	8,500	5,500	6,000	3,500	5,500

TABLE A-4. Standard errors for employed U.S. scientists and engineers reporting one or more disabilities, by broad field of highest degree, selected occupations, and degree level: 2008

Level and field of highest degree, and broad occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
Doctoral degrees	3,000	2,500	2,000	1,000	1,500
S&E occupations	2,000	1,500	1,500	1,000	1,000
S&E-related occupations	1,000	500	500	500	500
Non-S&E occupations	2,000	1,500	1,000	500	1,500
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	500	500
S&E occupations	500	500	500	*	500
S&E-related occupations	D	D	D	D	D
Non-S&E occupations	500	*	*	*	D
Physical/related science degree fields	1,000	500	500	500	500
S&E occupations	500	500	500	500	500
S&E-related occupations	500	*	*	*	*
Non-S&E occupations	500	500	500	*	*
Social/related science degree fields	1,000	500	1,000	500	500
S&E occupations	1,000	500	500	500	500
S&E-related occupations	*	*	*	D	D
Non-S&E occupations	500	500	500	500	500
Engineering degree fields	1,000	1,000	500	500	500
S&E occupations	1,000	1,000	500	500	500
S&E-related occupations	500	*	*	D	D
Non-S&E occupations	500	500	500	*	*
S&E-related degree fields	500	500	500	*	500
S&E occupations	500	*	500	*	*
S&E-related occupations	500	*	500	*	500
Non-S&E occupations	*	D	*	*	*
Non-S&E degree fields	2,500	2,000	1,500	500	1,500
S&E occupations	1,500	S	S	D	D
S&E-related occupations	D	D	D	D	D
Non-S&E occupations	2,000	1,500	1,000	D	1,500

* = standard error is not computed when value < 500. D = standard error is not computed when value is suppressed to avoid disclosure of confidential information. S = suppressed: data cell not published.

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 bachelor's or higher degree in S&E or S&E-related field through 30 June 2007, plus any person holding non-S&E bachelor's or higher degree who was employed in S&E or S&E-related occupation on 1 October 2003. See <http://sestat.nsf.gov/docs/ed03maj.html> for detailed description of educational field classification, and see <http://sestat.nsf.gov/docs/occ03maj.html> for detailed description of occupational classification. Standard errors are rounded up to nearest 500. Scientists and Engineers Statistical Data System surveys ask degree of difficulty—none, slight, moderate, severe, unable to do—individual has in seeing (with glasses/contact lenses), hearing (with hearing aid), walking without assistance, or lifting 10 pounds. Respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having disability.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2008.