

Table 34a. Standard errors on top two areas of the doctoral program in which recent doctoral recipients would have liked more training, by field of doctorate: 2001

Areas of doctoral training	Field of doctorate							
	All fields	Computer and mathematical sciences	Biological and agricultural sciences	Health sciences	Physical and related sciences	Social sciences	Psychology	Engineering
Total recent doctoral recipients (number).....	155.7	116.1	170.5	92.5	149.1	156.5	151.2	165.1
Additional training desired (number).....	361.4	146.2	244.3	121.2	189.2	193.0	189.9	211.9
				Percent				
General problem solving skills.....	0.6	S	1.2	S	S	S	S	1.6
Subject matter knowledge.....	0.8	S	1.6	S	2.3	2.2	2.2	1.7
Oral communication skills.....	0.8	S	1.6	S	2.2	2.0	S	2.1
Teaching skills.....	1.0	S	2.0	4.0	2.4	2.7	2.5	1.8
Collaboration and teamwork skills.....	0.8	S	1.6	S	2.0	2.5	S	1.9
Quantitative skills.....	0.7	S	1.4	S	S	2.7	1.9	S
Writing skills.....	0.8	S	1.7	S	2.3	1.8	S	1.6
Computer skills.....	0.9	S	1.7	S	2.5	2.1	2.4	1.5
Research integrity/ethics.....	0.4	S	S	S	S	S	S	S
Establishing contacts with colleagues in field.....	1.1	4.1	1.7	S	2.6	3.0	3.0	2.3
Management or administrative skills.....	1.1	4.0	2.1	4.3	2.5	2.2	2.9	2.4

KEY: S = Suppressed due to too few cases in the estimate (fewer than 500 weighted cases).

NOTE: Survey of Doctorate Recipients includes persons who had earned a science or engineering research doctorate from an U.S. institution and resided in U.S. as of April 2001.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients