

Table 30. Continuing education of doctoral scientists and engineers between April 1999 and April 2001, by field of doctorate: 2001

Continuing education	Field of doctorate								
	All fields	Computer and information sciences	Mathematical sciences	Biological and agricultural sciences	Health sciences	Physical and related sciences	Social sciences	Psychology	Engineering
Total (Number).....	656,500	11,200	29,600	161,200	23,700	131,700	87,600	98,600	113,000
Courses taken:					Percent				
Took courses.....	5	S	4	6	6	5	4	5	6
Did not take courses.....	95	97	96	94	94	96	96	95	95
Total taking courses (Number).....	33,100	S	1,200	9,500	1,400	5,900	3,400	5,100	6,200
Reasons for taking courses ¹ :					Percent				
Gain further education before career.....	29	S	S	37	S	29	20	25	24
Prepare for graduate school.....	2	S	S	S	S	S	S	S	S
Change academic or occupational field.....	34	S	S	39	S	38	26	27	37
Gain further skills or knowledge.....	59	S	61	60	74	54	63	60	58
Licensure or certification.....	21	S	S	27	S	18	19	26	15
Increase opportunities for advancement.....	45	S	46	49	55	46	38	35	49
Required or expected by employer.....	14	S	S	17	S	13	15	11	12
Leisure or personal interest.....	48	S	54	43	49	45	54	55	44
Other reason.....	2	S	S	S	S	S	S	S	S
School-related costs:									
Employer paid costs.....	44	S	49	41	46	46	39	34	55
Employer did not pay cost.....	56	S	51	59	54	55	61	66	45
Degree/certificate status:									
Completed degree/certificate.....	16	S	S	18	S	12	S	11	19
Did not complete degree/certificate.....	84	S	84	82	76	88	88	89	82

¹ Percentage may sum to more than 100 because multiple answers are allowed.

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

NOTES: Numbers are rounded to nearest hundred. Percentages are rounded to the nearest whole number. Details may not add to total because of rounding.

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

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