

Appendix table 2-44

Doctoral degrees earned by foreign students in selected industrialized countries, by field: 2001 or most recent year (revised)

Country and field	All	Foreign	Percent foreign
France (1999)	10,241	2,157	21.1
S&E	6,703	1,394	20.8
Natural sciences ^a	2,615	432	16.5
Mathematics/computer sciences	769	221	28.7
Agricultural sciences	179	32	17.9
Social/behavioral sciences	1,390	324	23.3
Engineering	1,750	385	22.0
Non-S&E	3,538	763	21.6
Germany	24,796	1,739	7.0
S&E	11,093	1,029	9.3
Natural sciences ^a	5,502	472	8.6
Mathematics/computer sciences	956	89	9.3
Agricultural sciences	472	136	28.8
Social/behavioral sciences	1,908	91	4.8
Engineering	2,255	241	10.7
Non-S&E	13,703	710	5.2
Japan ^b	10,320	1,412	13.7
S&E	5,468	772	14.1
Natural sciences ^a	1,341	84	6.3
Mathematics/computer sciences	NA	NA	NA
Agricultural sciences	953	210	22.0
Social/behavioral sciences	383	57	14.9
Engineering	2,791	421	15.1
Non-S&E	4,852	640	13.2
United Kingdom ^c (2002)	14,210	5,070	35.7
S&E	8,520	3,140	36.9
Natural sciences ^a	4,380	1,120	25.6
Mathematics/computer sciences	760	330	43.5
Agricultural sciences	340	150	46.0
Social/behavioral sciences	1,180	580	49.0
Engineering	1,860	950	51.2
Non-S&E	5,690	1,930	34.0
United States	40,744	11,602	28.5
S&E	26,357	9,574	36.3
Natural sciences ^a	10,664	3,649	34.2
Mathematics/computer sciences	1,832	900	49.1
Agricultural sciences	848	386	45.5
Social/behavioral sciences	7,511	1,571	20.9
Engineering	5,502	3,068	55.8
Non-S&E	14,387	2,028	14.1

NA not available

^aNatural sciences include physical, biological, earth, atmospheric, and ocean sciences.^bJapanese data are for university-based doctorates only, excluding *ronbun hakase* doctorates awarded for research within industry. Japanese data include mathematics in natural sciences and computer sciences in engineering.^cData for the United Kingdom were revised. Data are now rounded to the nearest 10. Detail may not sum to total because of rounding. Percents are based on unrounded data.

NOTE: For each country, data are for doctoral degree recipients with foreign citizenship, including permanent and temporary residents.

SOURCES: France—National Ministry of Education and Research, *Rapport sur les Études Doctorales 2001* (Paris, 2002); Germany—Federal Statistical Office, *Prüfungen an Hochschulen 2001* (Wiesbaden, 2002); Japan—Government of Japan, Ministry of Education, Culture and Science, Division of Higher Education, special tabulations (Tokyo, 2003); United Kingdom—Higher Education Statistics Agency, special tabulations (Cheltenham, 2003), and United States—National Science Foundation, Division of Science Resources Statistics, *Science and Engineering Doctorate Awards: 2001*, NSF 03-300 (Arlington, VA, 2002).