

APPENDIX TABLE 2-43

Foreign S&E student enrollment in Japanese universities, by enrollment level, place of origin, and field: 2004 and 2016

(Number)

Year, enrollment level, and place of origin	S&E fields					Non-S&E fields
	All S&E	Physical and biological sciences and mathematics	Agricultural sciences	Social and behavioral sciences	Engineering	
2004						
All undergraduates	1,557,939	87,398	69,672	961,762	439,107	947,984
Foreign	39,914	595	540	32,916	5,863	18,050
China	29,192	324	318	25,470	3,080	11,980
South Korea	7,018	185	122	5,403	1,308	4,911
Malaysia	1,142	15	15	198	914	97
Vietnam	424	6	10	242	166	115
Indonesia	233	3	14	152	64	65
Thailand	226	3	12	179	32	62
Mongolia	160	1	9	133	17	53
Sri Lanka	146	1	2	101	42	25
United Kingdom	78	1	0	73	4	59
United States	76	7	0	65	4	157
Other	1,219	49	38	900	232	526
Foreign (%)	2.6	0.7	0.8	3.4	1.3	1.9



Year, enrollment level, and place of origin	S&E fields					Non-S&E fields
	All S&E	Physical and biological sciences and mathematics	Agricultural sciences	Social and behavioral sciences	Engineering	
All graduates	140,822	20,298	12,691	29,014	78,819	95,336
Master's	109,062	13,954	8,337	21,536	65,235	53,650
Doctorate	31,760	6,344	4,354	7,478	13,584	41,686
Foreign	16,784	916	2,164	7,383	6,321	9,702
China	8,981	336	833	4,979	2,833	5,500
South Korea	2,095	110	220	803	962	1,901
Indonesia	655	66	157	104	328	141
Thailand	604	24	152	128	300	237
Bangladesh	505	63	134	79	229	208
Vietnam	480	14	94	175	197	124
Malaysia	288	15	25	74	174	74
Philippines	241	34	60	74	73	80
Myanmar	170	10	46	51	63	58
Sri Lanka	159	13	37	37	72	45
Other	2,606	231	406	879	1,090	1,334
Foreign (%)	11.9	4.5	17.1	25.4	8.0	10.2
2016						



Year, enrollment level, and place of origin	S&E fields					Non-S&E fields
	All S&E	Physical and biological sciences and mathematics	Agricultural sciences	Social and behavioral sciences	Engineering	
All undergraduates	1,369,855	79,290	76,404	829,399	384,762	1,197,175
Foreign	43,760	1,016	685	33,274	8,785	36,633
China	24,615	531	317	19,157	4,610	15,466
South Korea	6,856	250	125	5,199	1,282	6,428
Vietnam	4,671	30	44	3,982	615	2,471
Nepal	1,235	3	4	1,114	114	1,148
Malaysia	1,118	25	10	190	893	300
Taiwan	762	21	11	629	101	1,964
Indonesia	694	30	36	454	174	445
Thailand	667	21	30	467	149	593
Mongolia	326	7	14	218	87	244
Brazil	304	7	14	193	90	491
Other	2,512	91	80	1,671	670	7,083
Foreign (%)	3.2	1.3	0.9	4.0	2.3	3.1
All graduates	131,751	18,550	12,295	22,050	78,856	101,214
Master's	104,074	13,539	8,715	15,930	65,890	55,040
Doctorate	27,677	5,011	3,580	6,120	12,966	46,174



Year, enrollment level, and place of origin	S&E fields					Non-S&E fields
	All S&E	Physical and biological sciences and mathematics	Agricultural sciences	Social and behavioral sciences	Engineering	
Foreign	24,899	1,870	2,373	9,877	10,779	20,667
China	13,092	771	838	6,469	5,014	11,728
South Korea	1,488	138	101	554	695	1,386
Indonesia	1,314	185	237	208	684	666
Vietnam	1,203	78	138	345	642	607
Thailand	904	44	149	176	535	480
Taiwan	684	46	71	328	239	734
Bangladesh	539	69	158	91	221	360
Malaysia	513	41	44	74	354	184
India	405	56	25	63	261	185
Myanmar	302	8	48	102	144	185
Other	4,455	434	564	1,467	1,990	4,152
Foreign (%)	18.9	10.1	19.3	44.8	13.7	20.4

Note(s)

Data are for students of non-Japanese citizenship, including permanent residents. Undergraduates include those attending 4-year colleges and universities. Engineering includes computer sciences. Physical and biological sciences and mathematics include earth, atmospheric, and ocean sciences and mathematics. Social and behavioral sciences include business and law. Enrollment is as of May of the reference year.

Source(s)



Government of Japan, Ministry of Education, Culture, Sports, Science and Technology, Survey of Education, special tabulations (2016).

Science and Engineering Indicators 2018