

Appendix table 2-45

**Foreign S&E student enrollment in Japanese universities, by enrollment level, place of origin, and field: 2004 and 2012**

Year, enrollment level, and place of origin	S&E field					Non-S&E
	All S&E	Physical/biological sciences	Agricultural sciences	Social/behavioral sciences	Engineering	
<b>2004</b>						
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
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
<b>2012</b>						
All undergraduates	1,409,144	80,990	75,741	861,881	390,532	1,151,765
Foreign	47,552	704	614	37,540	8,694	32,525
China	33,189	398	347	27,477	4,967	17,787
South Korea	8,625	198	120	6,949	1,358	7,467
Vietnam	1,486	31	30	910	515	480
Malaysia	1,194	12	20	160	1,002	177
Thailand	357	7	10	279	61	413
Nepal	309	4	0	252	53	563

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	All S&E	Physical/biological sciences	Agricultural sciences	Social/behavioral sciences	Engineering	
Mongolia	289	3	15	201	70	160
Myanmar	215	0	2	192	21	159
Saudi Arabia	210	0	0	30	180	28
Indonesia	196	10	5	168	13	302
Other	1,482	41	65	922	454	4,989
Foreign (%)	3.4	0.9	0.8	4.4	2.2	2.8
All graduates	141,910	19,473	13,055	25,027	84,355	101,309
Master's	112,500	14,295	9,257	18,334	70,614	56,403
Doctorate	29,410	5,178	3,798	6,693	13,741	44,906
Foreign	23,557	1,535	2,212	9,751	10,059	18,318
China	13,987	756	1,017	6,979	5,235	11,232
South Korea	2,056	127	142	754	1,033	1,875
Indonesia	1,080	114	171	240	555	530
Vietnam	953	66	116	239	532	383
Thailand	764	39	131	142	452	354
Malaysia	498	30	33	68	367	161
Bangladesh	423	43	112	73	195	278
India	230	45	24	28	133	141
Mongolia	199	23	22	93	61	178
Nepal	197	25	37	67	68	146
Other	3,170	267	407	1,068	1,428	3,040
Foreign (%)	16.6	7.9	16.9	39.0	11.9	18.1

NOTES: 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 sciences include earth, atmospheric, and ocean sciences and mathematics. Social/behavioral sciences include business and law. Enrollment is as of May of the reference year.

SOURCE: Government of Japan, Ministry of Education, Culture, Sports, Science and Technology, Monbusho Survey of Education, special tabulations (2013).