

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	5	329	127	31	9	12	43	4	0	560
212			Chinese Philosophy	0	87	41	4	4	2	9	2	0	149
213			Indian Philosophy (inclu. Buddhist Studies)	4	151	61	13	7	7	39	1	3	286
214			Religion	3	157	66	25	2	9	29	2	4	297
215			Ethics	2	98	43	5	0	2	17	0	0	167
216			History of Philosophy	2	135	65	17	6	4	26	3	0	258
217			Aesthetics (inclu. Arts)	4	792	436	162	54	18	76	0	4	1,546
218			Art History	1	155	99	15	9	3	36	0	1	319
			Philosophy total	21	1,904	938	272	91	57	275	12	12	3,582
221			Experimental Psychology	0	289	133	40	44	8	47	7	3	571
222			Educational and Social	9	778	494	185	76	34	167	6	9	1,758
223			Sociology	9	887	470	247	71	18	147	9	8	1,866
224			Education	21	851	463	172	40	27	121	8	5	1,708
225			Cultural Anthropology (inclu. Ethnology and Folklore)	3	231	155	43	11	6	51	3	4	507
			Psychology·Sociology·Education Cultural Anthropology total	42	3,036	1,715	687	242	93	533	33	29	6,410
231			Japanese History	3	371	136	31	23	13	70	7	3	657
232			Oriental History	1	241	85	20	6	5	41	4	2	405
233			European History	1	271	130	42	7	7	59	6	4	527
234			Archaeology (inclu. Prehistory)	0	90	51	12	22	4	23	2	0	204
			History total	5	973	402	105	58	29	193	19	9	1,793
241			Japanese Language	0	189	114	42	8	5	29	0	2	389
242			Japanese Literature	3	580	215	45	19	14	123	5	3	1,007
243			Chinese Language and Literature	2	201	149	39	3	8	36	0	1	439
244			English Language and Literature	9	1,413	725	204	37	33	93	0	9	2,523
245			French Language and Literature	4	283	112	18	5	3	20	0	2	447
246			German Language and Literature	4	357	190	34	4	10	29	0	2	630
247			Other Foreign Languages and Literatures	2	207	115	43	5	6	21	2	0	401
248			Linguistics and Phonetics	0	436	365	150	24	18	83	2	1	1,079
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	157	77	32	4	6	38	0	2	318
			Literature total	26	3,823	2,062	607	109	103	472	9	22	7,233
			ARTS·HUMANITIES Total	94	9,736	5,117	1,671	500	282	1,473	73	72	19,018
261	L A W		Basic Science of Law	1	173	72	15	6	5	9	0	1	282
262			Public Law	6	252	98	28	5	6	25	1	1	422
263			International Law	1	135	55	5	3	3	18	1	0	221
264			Civil Law	5	407	177	57	9	11	41	0	2	709
265			Social Law	0	111	29	11	8	2	12	0	0	173
266			Criminal Law	0	124	49	11	0	1	18	0	0	203
267			Politics	5	509	249	95	20	13	94	3	4	992
			LAW Total	18	1,711	729	222	51	41	217	5	8	3,002
271	E C O N O M I C S		General Theory of Economics	6	555	272	83	9	15	67	4	7	1,018
272			Economical Statistics	0	121	45	16	8	1	15	1	0	207
273			Economic Policy (inclu. Economic Condition)	7	734	199	69	19	23	56	2	4	1,113
274			Economic History	0	253	88	34	4	5	22	0	2	408
275			Public Finance, Money and Banking	3	317	99	36	4	10	25	0	2	496
276			Commercial Science	3	253	96	47	2	5	20	0	0	426
277			Business Administration	7	649	257	99	21	13	65	1	5	1,117
278			Accounting	4	366	130	54	7	8	31	0	1	601
			ECONOMICS Total	30	3,248	1,186	438	74	80	301	8	21	5,386
301	S C I E N C E		Algebra	1	204	125	39	35	4	32	3	1	444
302			Geometry	2	184	96	24	26	4	27	1	2	366
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	262	139	55	50	4	38	1	1	550
305			Basic Analysis	0	208	99	33	26	4	18	1	1	390
306			Larger-area Analysis	0	75	57	11	17	2	20	0	0	182
			Mathematics total	3	933	516	162	154	18	135	6	5	1,932
311			Astronomy	1	59	44	6	24	1	26	6	0	167
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	3	281	169	34	90	11	94	21	6	709

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Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S	Philosophy	Philosophy	2	33	19	4	0	0	0	0	0	58
212			Chinese Philosophy	1	6	5	1	0	0	0	0	0	13
213			Indian Philosophy (inclu. Buddhist Studies)	5	20	16	6	1	0	0	0	0	48
214			Religion	3	20	18	9	0	3	0	0	0	53
215			Ethics	2	4	2	3	0	0	0	0	0	11
216			History of Philosophy	0	12	8	2	0	0	0	0	0	22
217			Aesthetics (inclu. Arts)	0	256	172	93	15	6	0	0	2	544
218			Art History	0	14	12	7	1	0	0	0	0	34
			Philosophy total	13	365	252	125	17	9	0	0	2	783
221		Psychology·Sociology·Education	Experimental Psychology	0	13	14	7	0	0	0	0	0	34
222			Educational and Social	3	149	89	88	4	3	0	0	0	336
223			Sociology	4	140	98	109	13	3	0	0	2	369
224			Education	8	208	138	97	4	5	0	0	0	460
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	34	13	6	0	2	0	0	0	55
			Psychology·Sociology·Education Cultural Anthropology total	15	544	352	307	21	13	0	0	2	1,254
231		History	Japanese History	2	28	14	4	1	2	0	0	0	51
232			Oriental History	1	5	6	3	0	0	0	0	0	15
233			European History	1	18	17	7	0	0	0	0	0	43
234			Archaeology (inclu. Prehistory)	0	5	4	0	0	1	0	0	0	10
			History total	4	56	41	14	1	3	0	0	0	119
241		Literature	Japanese Language	1	23	12	6	1	0	0	1	0	44
242			Japanese Literature	1	117	77	22	2	4	0	0	0	223
243			Chinese Language and Literature	0	10	8	3	0	0	0	0	0	21
244			English Language and Literature	4	236	181	73	2	3	0	0	0	499
245			French Language and Literature	0	15	10	3	0	0	0	0	0	28
246			German Language and Literature	0	5	2	2	0	0	0	0	0	9
247			Other Foreign Languages and Literatures	1	8	7	5	1	0	0	0	0	22
248			Linguistics and Phonetics	0	47	64	26	1	0	0	0	1	139
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	17	12	9	0	0	0	0	0	39
			Literature total	8	478	373	149	7	7	0	1	1	1,024
			ARTS·HUMANITIES Total	40	1,443	1,018	595	46	32	0	1	5	3,180
261	L A W	Basic Science of Law	Basic Science of Law	0	7	6	3	0	0	0	0	0	16
262			Public Law	2	13	7	5	0	0	0	0	0	27
263			International Law	0	2	0	0	0	0	0	0	0	2
264			Civil Law	2	10	10	6	0	1	0	0	0	29
265			Social Law	1	5	3	2	0	0	0	0	0	11
266			Criminal Law	0	5	2	0	0	0	0	0	0	7
267			Politics	3	15	8	2	0	0	0	0	0	28
			LAW Total	8	57	36	18	0	1	0	0	0	120
271	E C O N O M I C S	General Theory of Economics	General Theory of Economics	1	23	21	5	0	0	0	0	1	51
272			Economical Statistics	0	1	2	2	0	0	0	0	0	5
273			Economic Policy (inclu. Economic Condition)	1	30	15	6	1	2	0	0	0	55
274			Economic History	0	10	7	4	0	1	0	0	0	22
275			Public Finance, Money and Banking	4	9	7	2	0	0	0	0	0	22
276			Commercial Science	0	22	12	12	0	0	0	0	0	46
277			Business Administration	2	64	53	23	2	3	0	0	1	148
278			Accounting	0	31	23	9	2	2	0	0	0	67
			ECONOMICS Total	8	190	140	63	5	8	0	0	2	416
301	S C I E N C E	Mathematics	Algebra	1	4	0	2	0	0	0	0	0	7
302			Geometry	0	4	0	1	0	0	0	0	0	5
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	5	5	11	0	0	0	0	0	21
305			Basic Analysis	0	4	1	1	0	0	0	0	0	6
306			Larger-area Analysis	0	0	0	1	0	0	0	0	0	1
			Mathematics total	1	17	6	16	0	0	0	0	0	40
311		Astronomy	Astronomy	0	0	2	2	0	0	0	0	0	4
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	14	5	8	0	1	0	0	0	28

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Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	ARTS • HUMANITIES	Philosophy	Philosophy	0	12	7	0	0	0	0	0	0	19
212			Chinese Philosophy	0	3	6	1	0	0	0	0	0	10
213			Indian Philosophy (inclu. Buddhist Studies)	0	3	2	0	0	0	0	0	0	5
214			Religion	0	0	2	2	0	0	0	0	0	4
215			Ethics	0	2	0	0	0	0	0	0	0	2
216			History of Philosophy	0	2	2	1	0	0	0	0	0	5
217			Aesthetics (inclu. Arts)	0	6	2	0	1	0	0	0	0	9
218			Art History	0	0	0	0	0	0	0	0	0	0
		Philosophy total		0	28	21	4	1	0	0	0	0	54
221		Psychology • Sociology • Education	Experimental Psychology	0	0	0	0	1	0	0	0	0	1
222			Educational and Social	0	0	1	0	0	0	0	0	0	1
223			Sociology	0	0	0	0	0	0	0	0	0	0
224			Education	1	12	12	6	1	0	0	0	0	32
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	0	0	0	0	0	0
		Psychology • Sociology • Education Cultural Anthropology total		1	12	13	6	2	0	0	0	0	34
231		History	Japanese History	0	15	9	1	0	0	0	0	0	25
232			Oriental History	0	1	7	0	0	0	0	0	0	8
233			European History	0	3	1	4	0	1	0	0	0	9
234			Archaeology (inclu. Prehistory)	0	1	0	0	0	0	0	0	0	1
		History total		0	20	17	5	0	1	0	0	0	43
241		Languages and Literatures	Japanese Language	0	2	2	0	0	0	0	0	0	4
242			Japanese Literature	0	20	28	7	0	0	0	0	0	55
243			Chinese Language and Literature	0	2	4	1	0	0	0	0	0	7
244			English Language and Literature	0	41	48	12	0	0	0	0	0	101
245			French Language and Literature	0	0	2	0	0	0	0	0	0	2
246			German Language and Literature	0	9	4	1	0	0	0	0	0	14
247			Other Foreign Languages and Literatures	0	1	0	0	2	1	0	0	0	4
248			Linguistics and Phonetics	0	7	19	7	0	0	0	0	1	34
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	2	1	0	0	0	0	0	3
		Literature total		0	82	109	29	2	1	0	0	1	224
	ARTS • HUMANITIES Total			1	142	160	44	5	2	0	0	1	355
261	LAW	Basic Science of Law	0	3	0	1	0	0	0	0	0	4	
262		Public Law	0	1	2	0	0	1	0	0	0	4	
263		International Law	0	2	1	0	1	0	0	0	0	4	
264		Civil Law	0	0	1	1	0	0	0	0	0	2	
265		Social Law	0	0	0	0	0	0	0	0	0	0	
266		Criminal Law	0	0	0	0	0	0	0	0	0	0	
267		Politics	0	0	2	2	0	0	0	0	0	4	
	LAW Total		0	6	6	4	1	1	0	0	0	18	
271	ECONOMICS	General Theory of Economics	0	4	2	2	0	0	0	0	0	8	
272		Economical Statistics	0	0	0	0	0	0	0	0	0	0	
273		Economic Policy (inclu. Economic Condition)	0	1	3	2	0	0	0	0	0	6	
274		Economic History	0	0	0	0	0	0	0	0	0	0	
275		Public Finance, Money and Banking	0	0	0	1	0	0	0	0	0	1	
276		Commercial Science	0	0	0	1	0	0	0	0	0	1	
277		Business Administration	0	0	2	2	1	0	0	0	0	5	
278		Accounting	0	0	0	0	0	0	0	0	0	0	
	ECONOMICS Total		0	5	7	8	1	0	0	0	0	21	
301	SCIENCE	Algebra	0	12	17	9	2	0	0	0	0	40	
302		Geometry	0	17	21	11	1	0	0	0	0	50	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	28	18	6	0	0	0	0	1	53	
305		Basic Analysis	0	16	13	5	0	0	0	0	0	34	
306		Larger-area Analysis	0	4	3	2	0	0	0	0	0	9	
		Mathematics total		0	77	72	33	3	0	0	0	1	186
311	Astronomy		0	2	5	0	0	0	0	0	0	7	
321	Physics	Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics		0	9	7	3	2	0	0	0	0	21

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Code	Subject	Subdivision	Item	Inter-University Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	ARTS • HUMANITIES		Philosophy	0	0	0	0	0	0	0	0	0	0
212			Chinese Philosophy	0	0	0	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	1	0	0	0	0	0	0	0	1
214			Religion	0	0	0	0	1	0	0	0	0	1
215			Ethics	0	0	0	0	0	0	0	0	0	0
216			History of Philosophy	0	0	0	0	0	0	0	0	0	0
217			Aesthetics (inclu. Arts)	0	0	1	0	0	0	0	0	0	1
218			Art History	0	1	0	0	1	0	0	0	0	2
			Philosophy total	0	2	1	0	2	0	0	0	0	5
221			Experimental Psychology	0	3	2	0	0	0	0	0	0	5
222			Educational and Social	0	3	3	0	0	0	0	0	0	6
223			Sociology	0	1	1	1	1	1	0	0	0	5
224			Education	0	4	5	0	3	1	0	1	0	14
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	7	6	0	5	1	1	2	0	22
			Psychology • Sociology • Education Cultural Anthropology total	0	18	17	1	9	3	1	3	0	52
231			Japanese History	0	4	4	0	0	0	0	0	0	8
232			Oriental History	0	0	1	0	0	0	0	0	0	1
233			European History	0	1	0	0	0	0	0	0	0	1
234			Archaeology (inclu. Prehistory)	0	4	2	0	2	0	0	0	0	8
			History total	0	9	7	0	2	0	0	0	0	18
241			Japanese Language	0	0	0	0	0	0	0	0	0	0
242			Japanese Literature	0	1	0	0	1	1	0	1	0	4
243			Chinese Language and Literature	0	1	0	0	0	0	0	0	0	1
244			English Language and Literature	0	0	0	0	0	0	0	0	0	0
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	0	0	0	0
248			Linguistics and Phonetics	0	1	0	0	1	0	0	0	0	2
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	1	0	0	0	0	1
			Literature total	0	3	0	0	3	1	0	1	0	8
			ARTS • HUMANITIES Total	0	32	25	1	16	4	1	4	0	83
261	LAW		Basic Science of Law	0	0	0	0	1	0	0	0	0	1
262			Public Law	0	0	0	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0	0	0
264			Civil Law	0	0	1	0	0	0	0	0	0	1
265			Social Law	0	0	0	0	0	0	0	0	0	0
266			Criminal Law	0	0	0	0	0	0	0	0	0	0
267			Politics	0	0	1	0	0	0	0	0	0	1
			LAW Total	0	0	2	0	1	0	0	0	0	3
271	ECONOMICS		General Theory of Economics	0	0	0	0	0	0	0	0	0	0
272			Economical Statistics	0	0	0	0	0	0	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	0	1	0	0	0	0	0	0	1
274			Economic History	0	1	0	0	0	0	0	0	0	1
275			Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0
276			Commercial Science	0	0	0	0	0	0	0	0	0	0
277			Business Administration	0	0	0	0	0	0	0	0	0	0
278			Accounting	0	0	0	0	0	0	0	0	0	0
			ECONOMICS Total	0	1	1	0	0	0	0	0	0	2
301	SCIENCE		Algebra	0	0	0	0	0	0	0	0	0	0
302			Geometry	0	0	0	0	0	0	0	0	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	3	2	0	1	0	0	0	0	6
305			Basic Analysis	0	0	0	0	0	0	0	0	0	0
306			Larger-area Analysis	0	0	0	0	0	0	0	0	0	0
			Mathematics total	0	3	2	0	1	0	0	0	0	6
311			Astronomy	0	11	12	0	26	0	1	2	0	52
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	17	32	0	18	2	0	1	0	70

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				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S	Philosophy	Philosophy	0	0	0	0	0	1	0	0	0	1
212			Chinese Philosophy	0	0	0	0	0	1	0	0	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0	0	0
214			Religion	0	0	0	0	0	0	0	0	0	0
215			Ethics	0	0	0	0	0	1	0	0	0	1
216			History of Philosophy	0	0	0	0	0	0	0	0	0	0
217			Aesthetics (inclu. Arts)	0	0	0	0	0	5	0	0	0	5
218			Art History	0	0	0	0	0	28	0	0	0	28
			Philosophy total	0	0	0	0	0	36	0	0	0	36
221		Psychology·Sociology·Education	Experimental Psychology	0	0	0	0	0	1	0	0	0	1
222			Educational and Social	0	0	0	0	0	18	0	0	0	18
223			Sociology	0	0	0	0	0	2	0	0	1	3
224			Education	0	0	0	0	0	38	0	0	0	38
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	0	4	0	0	0	4
			Psychology·Sociology·Education Cultural Anthropology total	0	0	0	0	0	63	0	0	1	64
231		History	Japanese History	0	0	0	0	0	3	0	0	0	3
232			Oriental History	0	0	0	0	0	1	0	0	0	1
233			European History	0	0	0	0	0	1	0	0	0	1
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	5	0	0	0	5
			History total	0	0	0	0	0	10	0	0	0	10
241		Literature	Japanese Language	0	0	0	0	0	9	0	0	0	9
242			Japanese Literature	0	0	0	0	0	1	0	0	0	1
243			Chinese Language and Literature	0	0	0	0	0	0	0	0	0	0
244			English Language and Literature	0	0	0	0	0	1	0	0	0	1
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	0	0	0	0
248			Linguistics and Phonetics	0	0	0	0	0	9	0	0	0	9
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0	0	0
			Literature total	0	0	0	0	0	20	0	0	0	20
			ARTS·HUMANITIES Total	0	0	0	0	0	129	0	0	1	130
261	L A W	Basic Science of Law	Basic Science of Law	0	0	0	0	0	0	0	0	0	0
262			Public Law	0	0	0	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0	0	0
264			Civil Law	0	0	0	0	0	0	0	0	0	0
265			Social Law	0	0	0	0	0	0	0	0	0	0
266			Criminal Law	0	0	0	0	0	0	0	0	0	0
267			Politics	0	0	0	0	0	1	0	0	0	1
			LAW Total	0	0	0	0	0	1	0	0	0	1
271	E C O N O M I C S	General Theory of Economics	General Theory of Economics	0	0	0	0	0	0	0	0	0	0
272			Economical Statistics	0	0	0	0	0	0	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	0	0	0	0	0	0	0	0	0
274			Economic History	0	0	0	0	0	0	0	0	0	0
275			Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0
276			Commercial Science	0	0	0	0	0	0	0	0	0	0
277			Business Administration	0	0	0	0	0	0	0	0	0	0
278			Accounting	0	0	0	0	0	0	0	0	0	0
			ECONOMICS Total	0	0	0	0	0	0	0	0	0	0
301	S C I E N C E	Algebra	Algebra	0	0	0	0	0	0	0	0	0	0
302			Geometry	0	0	0	0	0	0	0	0	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	0	0	0	0	0	0	0
305			Basic Analysis	0	0	0	0	0	0	0	0	0	0
306			Larger-area Analysis	0	0	0	0	0	0	0	0	0	0
			Mathematics total	0	0	0	0	0	0	0	0	0	0
311			Astronomy	0	0	0	0	0	2	0	0	0	2
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	0	1	0	0	0	1

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	ARTS • HUMANITIES	Philosophy	Philosophy	0	0	0	0	0	0	0	0	0	0
212			Chinese Philosophy	0	0	0	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	1	0	8	0	0	0	9
214			Religion	0	0	0	0	0	1	0	0	0	1
215			Ethics	0	0	0	0	0	0	0	0	0	0
216			History of Philosophy	0	0	0	0	0	1	0	0	0	1
217			Aesthetics (inclu. Arts)	0	0	0	0	0	1	0	0	0	1
218			Art History	0	0	0	0	0	4	0	0	0	4
			Philosophy total	0	0	0	1	0	15	0	0	0	16
221		Psychology • Sociology • Education	Experimental Psychology	0	0	0	0	0	2	0	0	0	2
222			Educational and Social	0	0	0	0	0	3	0	0	0	3
223			Sociology	0	0	0	0	0	5	0	1	0	6
224			Education	0	0	0	0	0	6	0	0	0	6
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	1	0	0	0	2	0	0	0	3
			Psychology • Sociology • Education Cultural Anthropology total	0	1	0	0	0	18	0	1	0	20
231		History	Japanese History	0	0	1	0	0	12	0	0	0	13
232			Oriental History	0	0	0	0	0	5	0	0	0	5
233			European History	0	1	1	0	0	0	0	0	0	2
234			Archaeology (inclu. Prehistory)	0	1	1	0	1	5	0	0	0	8
			History total	0	2	3	0	1	22	0	0	0	28
241		Language and Literature	Japanese Language	0	0	0	0	0	0	0	0	0	0
242			Japanese Literature	0	0	0	0	0	0	0	0	0	0
243			Chinese Language and Literature	0	0	0	0	0	0	0	0	0	0
244			English Language and Literature	0	0	0	0	0	0	0	0	0	0
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	1	0	0	0	1
248			Linguistics and Phonetics	0	1	0	0	0	0	0	0	0	1
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0	0	0
			Literature total	0	1	0	0	0	1	0	0	0	2
			ARTS • HUMANITIES Total	0	4	3	1	1	56	0	1	0	66
261	LAW	Basic Science of Law	Basic Science of Law	0	0	0	0	0	0	0	0	0	0
262			Public Law	0	0	0	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0	0	0
264			Civil Law	0	3	0	0	0	2	0	0	0	5
265			Social Law	0	0	0	0	0	1	0	0	0	1
266			Criminal Law	0	1	0	0	0	0	0	0	0	1
267			Politics	0	0	0	0	0	0	0	0	0	0
			LAW Total	0	4	0	0	0	3	0	0	0	7
271	ECONOMICS	General Theory of Economics	General Theory of Economics	0	0	0	0	0	4	0	0	0	4
272			Economical Statistics	0	0	0	0	0	1	0	0	0	1
273			Economic Policy (inclu. Economic Condition)	0	0	0	0	0	12	0	0	0	12
274			Economic History	0	0	0	0	0	1	0	0	0	1
275			Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0
276			Commercial Science	0	0	0	0	0	0	0	0	0	0
277			Business Administration	0	0	0	0	0	0	0	0	0	0
278			Accounting	0	0	0	0	0	1	0	0	0	1
			ECONOMICS Total	0	0	0	0	0	19	0	0	0	19
301	SCIENCE	Mathematics	Algebra	0	0	0	0	0	1	0	0	0	1
302			Geometry	0	0	0	0	0	1	0	0	0	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	0	0	0	0	0	0	0
305			Basic Analysis	0	0	0	0	0	1	0	0	0	1
306			Larger-area Analysis	0	0	0	0	0	0	0	0	0	0
			Mathematics total	0	0	0	0	0	3	0	0	0	3
311		Astronomy	Astronomy	0	0	0	0	0	0	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	0	0	0	0	0	0

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L										
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total	
211	A R T S · H U M A N I T I E S		Philosophy	7	374	153	35	9	13	43	4	0	638	
212			Chinese Philosophy	1	96	52	6	4	3	9	2	0	173	
213			Indian Philosophy (inclu. Buddhist Studies)	9	175	79	20	8	15	39	1	3	349	
214			Religion	6	177	86	36	3	13	29	2	4	356	
215			Ethics	4	104	45	8	0	3	17	0	0	181	
216			History of Philosophy	2	149	75	20	6	5	26	3	0	286	
217			Aesthetics (inclu. Arts)	4	1,054	611	255	70	30	76	0	6	2,106	
218			Art History	1	170	111	22	11	35	36	0	1	387	
		Philosophy total	34	2,299	1,212	402	111	117	275	12	14	4,476		
221				Experimental Psychology	0	305	149	47	45	11	47	7	3	614
222				Educational and Social	12	930	587	273	80	58	167	6	9	2,122
223				Sociology	13	1,028	569	357	85	29	147	10	11	2,249
224				Education	30	1,075	618	275	48	77	121	9	5	2,258
225				Cultural Anthropology (inclu. Ethnology and Folklore)	3	273	174	49	16	15	52	5	4	591
		Psychology·Sociology·Education Cultural Anthropology total		58	3,611	2,097	1,001	274	190	534	37	32	7,834	
231				Japanese History	5	418	164	36	24	30	70	7	3	757
232				Oriental History	2	247	99	23	6	11	41	4	2	435
233				European History	2	294	149	53	7	9	59	6	4	583
234				Archaeology (inclu. Prehistory)	0	101	58	12	25	15	23	2	0	236
		History total		9	1,060	470	124	62	65	193	19	9	2,011	
241				Japanese Language	1	214	128	48	9	14	29	1	2	446
242				Japanese Literature	4	718	320	74	22	20	123	6	3	1,290
243				Chinese Language and Literature	2	214	161	43	3	8	36	0	1	468
244				English Language and Literature	13	1,690	954	289	39	37	93	0	9	3,124
245				French Language and Literature	4	298	124	21	5	3	20	0	2	477
246				German Language and Literature	4	371	196	37	4	10	29	0	2	653
247				Other Foreign Languages and Literatures	3	216	122	48	8	8	21	2	0	428
248				Linguistics and Phonetics	0	492	448	183	26	27	83	2	3	1,264
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	3	174	91	42	5	6	38	0	2	361
		Literature total		34	4,387	2,544	785	121	133	472	11	24	8,511	
	ARTS·HUMANITIES Total			135	11,357	6,323	2,312	568	505	1,474	79	79	22,832	
261	L A W		Basic Science of Law	1	183	78	19	7	5	9	0	1	303	
262			Public Law	8	266	107	33	5	7	25	1	1	453	
263			International Law	1	139	56	5	4	3	18	1	0	227	
264			Civil Law	7	420	189	64	9	14	41	0	2	746	
265			Social Law	1	116	32	13	8	3	12	0	0	185	
266			Criminal Law	0	130	51	11	0	1	18	0	0	211	
267			Politics	8	524	260	99	20	14	94	3	4	1,026	
	LAW Total			26	1,778	773	244	53	47	217	5	8	3,151	
271	E C O N O M I C S		General Theory of Economics	7	582	295	90	9	19	67	4	8	1,081	
272			Economical Statistics	0	122	47	18	8	2	15	1	0	213	
273			Economic Policy (inclu. Economic Condition)	8	765	218	77	20	37	56	2	4	1,187	
274			Economic History	0	264	95	38	4	7	22	0	2	432	
275			Public Finance, Money and Banking	7	326	106	39	4	10	25	0	2	519	
276			Commercial Science	3	275	108	60	2	5	20	0	0	473	
277			Business Administration	9	713	312	124	24	16	65	1	6	1,270	
278			Accounting	4	397	153	63	9	11	31	0	1	669	
	ECONOMICS Total			38	3,444	1,334	509	80	107	301	8	23	5,844	
301	S C I E N C E		Algebra	2	220	142	50	37	5	32	3	1	492	
302			Geometry	2	205	117	36	27	5	27	1	2	422	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	298	164	72	51	4	38	1	2	630	
305			Basic Analysis	0	228	113	39	26	5	18	1	1	431	
306			Larger-area Analysis	0	79	60	14	17	2	20	0	0	192	
		Mathematics total		4	1,030	596	211	158	21	135	6	6	2,167	
311		Astronomy		1	72	63	8	50	3	27	8	0	232	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	3	321	213	45	110	15	94	22	6	829	

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	156	95	20	75	6	30	3	1	387
323			Solid-State Physics II (Magnetism, Metal Physics,	1	185	100	20	78	3	43	8	2	440
324			Physical Properties in General (inclu. Basic Theories)	1	120	74	26	55	4	26	2	1	309
325			Physics in General	0	104	91	20	63	6	23	4	2	313
			Physics total	6	846	529	120	361	30	216	38	12	2,158
331			Physics of Solid Earth	0	68	68	5	45	1	33	9	0	229
332			Meteorology, Oceanography and Hydrology	0	113	66	9	41	4	52	4	1	290
333			Aeronomy	0	30	12	1	13	3	18	2	0	79
334			Geology	2	79	36	5	15	2	26	7	1	173
335			Stratigraphy and Paleontology	0	22	29	3	15	0	19	3	0	91
336			Mineralogy, Petrology and Study of Mineral Deposit	3	78	51	8	24	3	21	7	0	195
337			Geochemistry	1	51	34	8	20	1	27	6	0	148
			Earth Science total	6	441	296	39	173	14	196	38	2	1,205
341			Physical Chemistry	2	202	139	42	112	9	77	6	1	590
342			Organic Chemistry	1	180	120	40	92	2	61	5	3	504
343			Inorganic Chemistry	1	110	72	21	61	4	48	4	1	322
344			Function, Properties and Materials in Chemistry	0	82	63	16	65	3	36	2	1	268
345			Substance Transformation	1	10	12	1	11	1	4	0	0	40
346			Separation, Refining and Identification	1	82	49	12	37	1	21	3	2	208
			Chemistry total	6	666	455	132	378	20	247	20	8	1,932
351			Genetics	3	59	51	11	44	2	68	8	0	246
352			Ecology	0	144	109	21	51	9	84	20	4	442
353			Plant Physiology	0	83	58	11	56	3	62	11	1	285
354			Morphology, Structure of Organism	0	49	20	22	17	6	35	6	0	155
355			Animal Physiology and	0	51	44	14	29	0	40	1	0	179
356			Morphology and Taxonomy	0	83	56	5	33	6	22	5	1	211
			Biology total	3	469	338	84	230	26	311	51	6	1,518
361			Physical Anthropology (inclu. Physiological Anthropology)	1	41	15	14	16	0	15	2	2	106
			SCIENCE Total	26	3,455	2,193	557	1,336	109	1,146	161	35	9,018
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	104	55	16	43	6	36	2	0	262
402			Surface Physics	0	64	41	8	27	2	27	3	0	172
403			Applied Optics and Quantum Optics	0	116	49	15	41	4	41	3	2	271
404			General Applied Physics	0	53	38	12	21	2	11	1	0	138
405			Fundamentals of Engineering	0	38	22	12	19	1	15	1	0	108
			Applied Physics·Fundamentals of Engineering total	0	375	205	63	151	15	130	10	2	951
411			Materials for Machines and Strength of Materials	2	200	93	30	71	7	42	2	1	448
412			Workshop Processes and Production Engineering	0	141	77	32	53	3	30	0	1	337
413			Design Engineering, Machine Elements and Tribology	1	98	55	12	41	4	23	0	0	234
414			Fluid Mechanics	1	163	98	29	72	4	65	1	1	434
415			Heat Engineering	4	172	95	20	59	2	45	1	0	398
416			Mechanics and Control Engineering	1	118	71	18	57	3	30	2	1	301
417			Intelligent Mechanics and Machine System	1	144	84	35	68	2	74	1	2	411
			Machine Engineering total	10	1,036	573	176	421	25	309	7	6	2,563
421			Electric Power Engineering and Electric Machinery	1	190	81	30	51	4	59	0	4	420
422			Electronic and Electric Materials Engineering	0	187	93	19	73	10	67	3	2	454
423			Electron Devices and Apparatus Engineering	0	211	107	30	55	5	63	5	0	476
424			Information and Communication Engineering	1	412	206	70	155	19	140	3	3	1,009

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	3	1	1	0	0	0	0	0	5
323			Solid-State Physics II (Magnetism, Metal Physics,	0	5	3	0	0	0	0	0	0	8
324			Physical Properties in General (inclu. Basic Theories)	0	6	3	1	2	0	0	0	0	12
325			Physics in General	0	4	2	3	0	0	0	0	0	9
			Physics total	0	32	14	13	2	1	0	0	0	62
331			Physics of Solid Earth	0	1	0	1	0	0	0	0	0	2
332			Meteorology, Oceanography and Hydrology	0	1	0	0	0	0	0	0	0	1
333			Aeronomy	0	0	1	0	0	0	0	0	0	1
334			Geology	0	1	0	0	0	0	0	0	0	1
335			Stratigraphy and Paleontology	0	1	0	0	0	0	0	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	1	0	0	0	0	0	0	0	0	1
337			Geochemistry	0	1	0	0	0	0	0	0	0	1
			Earth Science total	1	5	1	1	0	0	0	0	0	8
341			Physical Chemistry	1	7	2	0	0	0	0	0	0	10
342			Organic Chemistry	0	3	2	0	0	0	0	0	0	5
343			Inorganic Chemistry	0	3	2	0	0	0	0	0	0	5
344			Function, Properties and Materials in Chemistry	0	4	0	2	0	0	0	0	0	6
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	5	1	1	0	1	0	0	0	8
			Chemistry total	1	22	7	3	0	1	0	0	0	34
351			Genetics	0	4	2	0	0	0	0	0	0	6
352			Ecology	0	15	3	2	1	0	0	0	0	21
353			Plant Physiology	0	4	1	0	1	0	0	0	0	6
354			Morphology, Structure of Organism	0	4	2	0	0	0	0	0	0	6
355			Animal Physiology and	0	2	4	1	2	0	0	0	0	9
356			Morphology and Taxonomy	0	4	1	0	0	0	0	0	0	5
			Biology total	0	33	13	3	4	0	0	0	0	53
361			Physical Anthropology (inclu. Physiological Anthropology)	0	3	0	0	0	1	0	0	0	4
			SCIENCE Total	3	112	43	38	6	3	0	0	0	205
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	1	0	0	0	1
402			Surface Physics	0	1	0	0	0	0	0	0	0	1
403			Applied Optics and Quantum Optics	0	2	3	0	0	0	0	0	0	5
404			General Applied Physics	0	4	3	2	0	0	0	0	0	9
405			Fundamentals of Engineering	0	0	2	0	0	0	0	0	0	2
			Applied Physics·Fundamentals of Engineering total	0	7	8	2	0	1	0	0	0	18
411			Materials for Machines and Strength of Materials	0	5	1	1	0	0	0	0	0	7
412			Workshop Processes and Production Engineering	0	3	0	4	0	0	0	0	0	7
413			Design Engineering, Machine Elements and Tribology	1	4	6	6	0	0	0	0	1	18
414			Fluid Mechanics	0	4	2	1	1	0	0	0	0	8
415			Heat Engineering	0	8	3	5	2	1	0	0	0	19
416			Mechanics and Control Engineering	0	5	5	4	1	1	0	0	0	16
417			Intelligent Mechanics and Machine System	0	4	4	7	0	1	0	0	0	16
			Machine Engineering total	1	33	21	28	4	3	0	0	1	91
421			Electric Power Engineering and Electric Machinery	0	5	3	1	1	0	0	0	0	10
422			Electronic and Electric Materials Engineering	0	1	3	1	2	0	0	0	0	7
423			Electron Devices and Apparatus Engineering	0	4	2	3	0	0	0	0	0	9
424			Information and Communication Engineering	1	16	11	5	1	0	0	0	0	34

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	9	8	1	2	1	0	0	0	21
323			Solid-State Physics II (Magnetism, Metal Physics,	1	11	8	3	0	0	0	0	0	23
324			Physical Properties in General (inclu. Basic Theories)	0	11	6	0	0	0	0	0	0	17
325			Physics in General	0	9	9	1	0	0	0	0	0	19
			Physics total	1	49	38	8	4	1	0	0	0	101
331			Physics of Solid Earth	0	0	1	0	0	0	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	6	4	0	0	1	0	0	0	11
333			Aeronomy	0	1	1	0	0	0	0	0	0	2
334			Geology	0	0	2	0	0	0	0	0	0	2
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	1	0	1	0	0	0	0	0	2
			Earth Science total	0	8	8	1	0	1	0	0	0	18
341			Physical Chemistry	1	10	5	2	2	0	0	0	0	20
342			Organic Chemistry	0	14	8	0	0	0	0	0	0	22
343			Inorganic Chemistry	0	4	5	3	0	0	0	0	0	12
344			Function, Properties and Materials in Chemistry	0	3	5	1	2	0	0	0	0	11
345			Substance Transformation	0	0	1	0	0	0	0	0	0	1
346			Separation, Refining and Identification	0	4	5	0	0	0	0	0	0	9
			Chemistry total	1	35	29	6	4	0	0	0	0	75
351			Genetics	0	0	0	0	0	0	0	0	0	0
352			Ecology	0	0	0	0	0	0	0	0	0	0
353			Plant Physiology	0	0	0	1	1	0	0	0	0	2
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0	0	0
355			Animal Physiology and	0	0	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	0	0	1	0	0	0	0	0	0	1
			Biology total	0	0	1	1	1	0	0	0	0	3
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
	SCIENCE Total			2	171	153	49	12	2	0	0	1	390
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	4	4	2	2	1	0	0	0	13
402			Surface Physics	0	4	3	1	1	0	0	0	0	9
403			Applied Optics and Quantum Optics	0	11	7	1	0	1	0	0	0	20
404			General Applied Physics	0	8	7	1	1	1	0	0	0	18
405			Fundamentals of Engineering	0	3	7	2	1	0	0	0	0	13
			Applied Physics·Fundamentals of Engineering total	0	30	28	7	5	3	0	0	0	73
411			Materials for Machines and Strength of Materials	0	41	23	6	2	1	0	0	0	73
412			Workshop Processes and Production Engineering	0	34	20	4	7	0	0	0	0	65
413			Design Engineering, Machine Elements and Tribology	0	12	15	4	5	0	0	0	0	36
414			Fluid Mechanics	0	35	28	6	11	0	0	0	0	80
415			Heat Engineering	0	33	24	4	4	1	0	0	0	66
416			Mechanics and Control Engineering	0	28	18	10	13	0	0	0	1	70
417			Intelligent Mechanics and Machine System	0	12	16	1	6	0	0	0	0	35
			Machine Engineering total	0	195	144	35	48	2	0	0	1	425
421			Electric Power Engineering and Electric Machinery	0	48	27	8	8	0	0	0	0	91
422			Electronic and Electric Materials Engineering	0	21	21	5	6	2	0	0	0	55
423			Electron Devices and Apparatus Engineering	0	36	15	9	6	0	0	0	0	66
424			Information and Communication Engineering	0	49	50	14	18	0	0	0	0	131

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	1	2	0	3	0	0	1	0	7
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	2	0	3	0	1	0	0	6
324			Physical Properties in General (inclu. Basic Theories)	0	2	3	0	5	0	0	1	0	11
325			Physics in General	0	6	7	0	7	0	0	3	0	23
			Physics total	0	26	46	0	36	2	1	6	0	117
331			Physics of Solid Earth	0	5	3	0	4	0	0	2	0	14
332			Meteorology, Oceanography and Hydrology	0	4	4	0	4	0	0	0	0	12
333			Aeronomy	0	3	2	0	2	0	0	0	0	7
334			Geology	0	0	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	0	0	1	0	0	0	0	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	1	1	0	0	0	2
337			Geochemistry	0	0	1	0	1	0	0	0	0	2
			Earth Science total	0	12	11	0	12	1	0	2	0	38
341			Physical Chemistry	0	10	7	0	11	1	0	8	0	37
342			Organic Chemistry	0	1	2	0	3	0	0	2	0	8
343			Inorganic Chemistry	0	1	2	0	3	0	0	1	0	7
344			Function, Properties and Materials in Chemistry	0	2	1	0	3	1	0	0	0	7
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	2	0	1	0	0	0	0	3
			Chemistry total	0	14	14	0	21	2	0	11	0	62
351			Genetics	0	4	3	0	4	0	0	5	2	18
352			Ecology	0	4	2	0	1	0	0	0	0	7
353			Plant Physiology	0	2	2	0	4	0	2	2	0	12
354			Morphology, Structure of Organism	0	2	2	0	3	0	0	0	0	7
355			Animal Physiology and	1	0	1	0	0	0	0	0	0	2
356			Morphology and Taxonomy	0	1	0	0	1	0	0	0	0	2
			Biology total	1	13	10	0	13	0	2	7	2	48
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	1	0	0	0	0	1
			SCIENCE Total	1	79	95	0	110	5	4	28	2	324
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	1	0	0	0	0	0	0	0	1
402			Surface Physics	0	0	0	0	1	0	0	0	0	1
403			Applied Optics and Quantum Optics	0	1	0	0	2	1	1	0	0	5
404			General Applied Physics	0	1	1	0	3	0	0	1	0	6
405			Fundamentals of Engineering	0	1	1	0	0	0	0	0	0	2
			Applied Physics·Fundamentals of Engineering total	0	4	2	0	6	1	1	1	0	15
411			Materials for Machines and Strength of Materials	0	0	1	0	1	0	0	0	0	2
412			Workshop Processes and Production Engineering	0	1	0	0	0	0	0	0	0	1
413			Design Engineering, Machine Elements and Tribology	0	0	1	0	1	0	0	0	0	2
414			Fluid Mechanics	0	0	0	0	1	0	0	0	0	1
415			Heat Engineering	0	1	1	0	3	0	0	0	0	5
416			Mechanics and Control Engineering	0	0	1	0	1	0	0	0	0	2
417			Intelligent Mechanics and Machine System	0	0	1	0	0	1	0	0	0	2
			Machine Engineering total	0	2	5	0	7	1	0	0	0	15
421			Electric Power Engineering and Electric Machinery	0	3	2	0	2	0	0	0	0	7
422			Electronic and Electric Materials Engineering	0	0	0	0	2	0	0	0	0	2
423			Electron Devices and Apparatus Engineering	0	0	2	0	1	0	0	0	0	3
424			Information and Communication Engineering	0	4	5	0	3	1	0	0	0	13

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Government Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	0	0	0	0	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	0	0	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	0	0	0	0	0	0
325			Physics in General	0	0	0	0	0	0	0	0	0	0
			Physics total	0	0	0	0	0	1	0	0	0	1
331			Physics of Solid Earth	0	0	0	0	0	0	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	0	0	0	0	3	0	0	0	3
335			Stratigraphy and Paleontology	0	0	0	0	0	3	0	0	0	3
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	2	0	0	0	2
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	0	0	0	0	8	0	0	0	8
341			Physical Chemistry	0	0	0	0	0	1	0	0	0	1
342			Organic Chemistry	0	0	0	0	0	0	0	0	0	0
343			Inorganic Chemistry	0	0	0	0	0	1	0	0	0	1
344			Function, Properties and Materials in Chemistry	0	0	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	0	0	0	0	0	0	0	0
			Chemistry total	0	0	0	0	0	2	0	0	0	2
351			Genetics	0	0	0	0	0	1	0	0	0	1
352			Ecology	0	0	0	0	0	3	0	0	0	3
353			Plant Physiology	0	0	0	0	0	0	0	0	0	0
354			Morphology, Structure of Organism	0	0	0	0	0	2	0	0	0	2
355			Animal Physiology and	0	0	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	0	0	0	0	0	22	0	0	0	22
			Biology total	0	0	0	0	0	28	0	0	0	28
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
			SCIENCE Total	0	0	0	0	0	41	0	0	0	41
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	0	0	0	0	0
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0	0	0	0	0	0	0
404			General Applied Physics	0	0	0	0	0	0	0	0	0	0
405			Fundamentals of Engineering	0	0	0	0	0	0	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	0	0	0	0	0	0	0	0	0	0
411			Materials for Machines and Strength of Materials	0	0	0	0	0	0	0	0	0	0
412			Workshop Processes and Production Engineering	0	0	0	0	0	0	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	0	0	0	0	0	0	0	0	0	0
414			Fluid Mechanics	0	0	0	0	0	0	0	0	0	0
415			Heat Engineering	0	0	0	0	0	0	0	0	0	0
416			Mechanics and Control Engineering	0	0	0	0	0	0	0	0	0	0
417			Intelligent Mechanics and Machine System	0	0	0	0	0	1	0	0	0	1
			Machine Engineering total	0	0	0	0	0	1	0	0	0	1
421			Electric Power Engineering and Electric Machinery	0	0	0	0	0	0	0	0	0	0
422			Electronic and Electric Materials Engineering	0	0	0	0	0	0	0	0	0	0
423			Electron Devices and Apparatus Engineering	0	0	0	0	0	0	0	0	0	0
424			Information and Communication Engineering	0	0	0	0	0	0	0	0	0	0

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	0	0	0	1	0	0	0	1
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	0	0	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	0	0	0	0	0	0
325			Physics in General	0	0	0	0	0	2	0	0	0	2
			Physics total	0	0	0	0	0	3	0	0	0	3
331			Physics of Solid Earth	0	0	0	0	0	1	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	0	0	0	0	4	0	0	0	4
335			Stratigraphy and Paleontology	0	0	0	0	0	1	0	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	0	0	0	0	6	0	0	0	6
341			Physical Chemistry	0	0	0	0	0	0	0	1	0	1
342			Organic Chemistry	0	0	0	0	0	9	0	0	0	9
343			Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
344			Function, Properties and Materials in Chemistry	0	0	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	0	0	0	1	0	0	0	1
			Chemistry total	0	0	0	0	0	10	0	1	0	11
351			Genetics	0	0	0	0	0	3	0	0	0	3
352			Ecology	0	0	0	0	0	10	0	0	0	10
353			Plant Physiology	0	0	0	0	0	1	0	0	0	1
354			Morphology, Structure of Organism	0	0	0	0	0	2	0	0	0	2
355			Animal Physiology and	0	0	0	0	0	0	0	0	1	1
356			Morphology and Taxonomy	0	0	0	0	0	4	0	0	0	4
			Biology total	0	0	0	0	0	20	0	0	1	21
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
			SCIENCE Total	0	0	0	0	0	42	0	1	1	44
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	1	0	0	0	1
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0	0	1	0	0	0	1
404			General Applied Physics	0	0	0	0	0	12	0	0	0	12
405			Fundamentals of Engineering	0	0	0	0	0	0	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	0	0	0	0	0	14	0	0	0	14
411			Materials for Machines and Strength of Materials	0	0	0	0	0	1	0	0	0	1
412			Workshop Processes and Production Engineering	0	0	0	0	0	0	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	0	0	0	0	0	1	0	0	0	1
414			Fluid Mechanics	0	0	0	0	0	0	0	0	0	0
415			Heat Engineering	0	0	0	0	0	0	0	0	0	0
416			Mechanics and Control Engineering	0	0	0	0	0	0	0	0	0	0
417			Intelligent Mechanics and Machine System	0	0	0	0	0	0	0	0	0	0
			Machine Engineering total	0	0	0	0	0	2	0	0	0	2
421			Electric Power Engineering and Electric Machinery	0	0	0	0	0	0	0	0	0	0
422			Electronic and Electric Materials Engineering	0	0	0	0	0	3	0	0	0	3
423			Electron Devices and Apparatus Engineering	0	0	0	0	0	1	0	0	0	1
424			Information and Communication Engineering	0	0	0	0	0	1	0	0	0	1

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivision	I t e m	T O T A L									
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	169	106	22	80	8	30	4	1	421
323			Solid-State Physics II (Magnetism, Metal Physics,	2	201	113	23	81	3	44	8	2	477
324			Physical Properties in General (inclu. Basic Theories)	1	139	86	27	62	4	26	3	1	349
325			Physics in General	0	123	109	24	70	8	23	7	2	366
			Physics total	7	953	627	141	403	38	217	44	12	2,442
331			Physics of Solid Earth	0	74	72	6	49	2	33	11	0	247
332			Meteorology, Oceanography and Hydrology	0	124	74	9	45	5	52	4	1	314
333			Aeronomy	0	34	16	1	15	3	18	2	0	89
334			Geology	2	80	38	5	15	9	26	7	1	183
335			Stratigraphy and Paleontology	0	23	30	3	15	4	19	3	0	97
336			Mineralogy, Petrology and Study of Mineral Deposit	4	78	51	8	25	6	21	7	0	200
337			Geochemistry	1	53	35	9	21	1	27	6	0	153
			Earth Science total	7	466	316	41	185	30	196	40	2	1,283
341			Physical Chemistry	4	229	153	44	125	11	77	15	1	659
342			Organic Chemistry	1	198	132	40	95	11	61	7	3	548
343			Inorganic Chemistry	1	118	81	24	64	5	48	5	1	347
344			Function, Properties and Materials in Chemistry	0	91	69	19	70	4	36	2	1	292
345			Substance Transformation	1	10	13	1	11	1	4	0	0	41
346			Separation, Refining and Identification	1	91	57	13	38	3	21	3	2	229
			Chemistry total	8	737	505	141	403	35	247	32	8	2,116
351			Genetics	3	67	56	11	48	6	68	13	2	274
352			Ecology	0	163	114	23	53	22	84	20	4	483
353			Plant Physiology	0	89	61	12	62	4	64	13	1	306
354			Morphology, Structure of Organism	0	55	24	22	20	10	35	6	0	172
355			Animal Physiology and	1	53	49	15	31	0	40	1	1	191
356			Morphology and Taxonomy	0	88	58	5	34	32	22	5	1	245
			Biology total	4	515	362	88	248	74	313	58	9	1,671
361			Physical Anthropology (inclu. Physiological Anthropology)	1	44	15	14	17	1	15	2	2	111
		SCIENCE Total	32	3,817	2,484	644	1,464	202	1,150	190	39	10,022	
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	109	59	18	45	9	36	2	0	278
402			Surface Physics	0	69	44	9	29	2	27	3	0	183
403			Applied Optics and Quantum Optics	0	130	59	16	43	7	42	3	2	302
404			General Applied Physics	0	66	49	15	25	15	11	2	0	183
405			Fundamentals of Engineering	0	42	32	14	20	1	15	1	0	125
			Applied Physics·Fundamentals of Engineering total	0	416	243	72	162	34	131	11	2	1,071
411			Materials for Machines and Strength of Materials	2	246	118	37	74	9	42	2	1	531
412			Workshop Processes and Production Engineering	0	179	97	40	60	3	30	0	1	410
413			Design Engineering, Machine Elements and Tribology	2	114	77	22	47	5	23	0	1	291
414			Fluid Mechanics	1	202	128	36	85	4	65	1	1	523
415			Heat Engineering	4	214	123	29	68	4	45	1	0	488
416			Mechanics and Control Engineering	1	151	95	32	72	4	30	2	2	389
417			Intelligent Mechanics and Machine System	1	160	105	43	74	5	74	1	2	465
			Machine Engineering total	11	1,266	743	239	480	34	309	7	8	3,097
421			Electric Power Engineering and Electric Machinery	1	246	113	39	62	4	59	0	4	528
422			Electronic and Electric Materials Engineering	0	209	117	25	83	15	67	3	2	521
423			Electron Devices and Apparatus Engineering	0	251	126	42	62	6	63	5	0	555
424			Information and Communication Engineering	2	481	272	89	177	21	140	3	3	1,188

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Universities									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	3	96	49	17	21	1	44	2	3	236
427			Electronic Measurements	0	135	88	33	44	5	42	1	2	350
428			Control Engineering	0	114	86	32	43	0	45	1	3	324
			Electric and Electronic Engineering	5	1,345	710	231	442	44	460	15	17	3,269
431			Construction Materials and Dynamics in General Civil Engineering	2	87	29	13	24	3	23	1	0	182
432			Structural Engineering and Seismology	0	123	49	7	38	7	41	1	1	267
433			Ground Engineering	3	97	63	15	41	9	41	1	0	270
434			Hydraulics and River Engineering	3	106	71	12	39	4	39	1	1	276
435			Traffic Engineering and Regional Planning	2	86	47	20	33	3	27	2	0	220
436			Civil Environmental System	0	72	46	14	27	5	53	3	4	224
			Civil Engineering total	10	571	305	81	202	31	224	9	6	1,439
441		G I A	Building Structure and Materials	1	210	94	28	60	5	51	0	2	451
442			Building Science and Building Equipment	0	99	47	21	24	1	32	0	2	226
443			City Planning and Building Planning	0	268	157	60	77	5	83	3	1	654
444			Architectural History and Design	1	111	61	22	32	6	47	1	0	281
			Architecture total	2	688	359	131	193	17	213	4	5	1,612
451		N E T E R I A L	Physical Metallurgy	0	50	47	7	39	4	19	3	0	169
452			Inorganic Materials and	2	97	72	11	76	2	57	1	2	320
453			Composed Materials and Properties	0	34	24	4	24	1	19	1	2	109
454			Structural and Functional Materials	0	81	50	7	40	2	40	4	1	225
455			Metallurgy and Material	0	105	65	10	44	4	27	1	2	258
456			Metal Productive Engineering	0	47	22	4	28	2	13	1	0	117
			Material Engineering total	2	414	280	43	251	15	175	11	7	1,198
461		C H E M I C A L	Chemical Engineering in General	0	73	42	10	52	1	35	2	0	215
462			Reaction and Separation Engineering	0	48	29	4	29	0	25	0	0	135
463			Catalyst and Chemical Process	0	52	23	3	23	0	19	3	0	123
464			Bioengineering	0	64	54	14	48	5	52	1	3	241
465			Industrial Analytical Chemistry	0	39	18	8	18	2	14	0	1	100
			Process Engineering total	0	276	166	39	170	8	145	6	4	814
471			Industrial Physical Chemistry	1	88	50	8	35	2	21	1	1	207
472			Industrial Inorganic Chemistry	0	37	15	7	19	2	12	1	0	93
473			Industrial Organic Chemistry	0	43	22	3	12	2	6	0	0	88
474			Synthetic Chemistry	1	78	55	6	58	0	46	4	1	249
475			Polymer Synthesis	0	70	48	7	34	5	43	1	0	208
476			Polymer Structure and Property (inclu. Fiber)	1	86	49	10	45	2	30	3	1	227
			Industrial Chemistry total	3	402	239	41	203	13	158	10	3	1,072
481			Aeronautics	0	51	28	8	22	2	24	0	0	135
482			Ship Engineering	5	35	22	3	15	0	9	0	0	89
483			Marine Engineering	0	13	10	4	9	1	9	1	0	47
484			Resource Development Engineering	0	36	18	1	22	0	15	1	0	93
			Synthetic Engineering total	5	135	78	16	68	3	57	2	0	364
			ENGINEERING Total	37	5,242	2,915	821	2,101	171	1,871	74	50	13,282
501	A G R I C U L T U R E		Plant Breeding	0	37	32	7	18	1	30	3	1	129
502			Crop Science	0	37	28	10	14	3	13	0	0	105
503			Horticulture and Landscape Architecture	2	120	75	22	42	2	35	3	2	303
504			Plant Protection	1	67	42	15	23	5	39	1	0	193
505			Sericultural Science and Economic Entomology	0	18	16	1	8	2	11	0	1	57
			Agriculture total	3	279	193	55	105	13	128	7	4	787
511			Plant Fertilizer and Manure and Soil Science	1	59	42	5	18	1	24	1	0	151
512			Applied Microbiochemistry and Applied Biochemistry	2	179	88	34	64	6	97	9	2	481
513			Biological Productive Chemistry and Bioorganic Chemistry	2	55	31	6	20	2	22	2	1	141
514			Food Science and Nutritional Chemistry	2	200	100	37	58	9	58	2	0	466

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	0	4	3	3	1	0	0	0	0	11
427			Electronic Measurements	0	5	3	2	1	0	0	0	0	11
428			Control Engineering	0	1	1	3	0	0	0	0	0	5
			Electric and Electronic Engineering	1	36	26	18	6	0	0	0	0	87
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	1	5	0	0	0	1	0	0	0	7
433			Ground Engineering	0	1	0	0	0	0	0	0	0	1
434			Hydraulics and River Engineering	1	0	1	1	0	0	0	0	0	3
435			Traffic Engineering and Regional Planning	3	0	2	3	0	0	0	0	0	8
436			Civil Environmental System	0	1	3	1	0	0	0	0	0	5
			Civil Engineering total	5	7	6	5	0	1	0	0	0	24
441			Building Structure and Materials	0	3	5	1	0	0	0	0	0	9
442			Building Science and Building Equipment	0	6	6	1	2	0	0	0	0	15
443			City Planning and Building Planning	0	24	14	7	3	0	0	0	0	48
444			Architectural History and Design	0	14	12	7	0	0	0	0	0	33
			Architecture total	0	47	37	16	5	0	0	0	0	105
451			Physical Metallurgy	0	0	0	0	1	0	0	0	0	1
452			Inorganic Materials and	0	1	0	0	0	0	0	0	0	1
453			Composed Materials and Properties	0	1	0	0	0	0	0	0	0	1
454			Structural and Functional Materials	1	2	0	1	0	0	0	0	0	4
455			Metallurgy and Material	0	3	2	1	0	0	0	0	0	6
456			Metal Productive Engineering	1	1	0	1	0	0	0	0	0	3
			Material Engineering total	2	8	2	3	1	0	0	0	0	16
461			Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	1	0	0	0	0	0	0	1
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	1	0	0	0	0	0	0	1
471			Industrial Physical Chemistry	0	0	1	0	1	0	0	0	0	2
472			Industrial Inorganic Chemistry	0	0	0	1	0	0	0	0	0	1
473			Industrial Organic Chemistry	0	5	1	0	0	0	0	0	0	6
474			Synthetic Chemistry	0	0	1	0	0	1	0	0	0	2
475			Polymer Synthesis	0	2	0	0	0	0	0	0	0	2
476			Polymer Structure and Property (inclu. Fiber)	1	16	3	1	1	1	0	0	0	23
			Industrial Chemistry total	1	23	6	2	2	2	0	0	0	36
481			Aeronautics	0	0	0	1	0	0	0	0	0	1
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	1	0	0	0	0	0	1
	ENGINEERING Total			10	161	107	75	18	7	0	0	1	379
501	A G R I C U L T U R E		Plant Breeding	0	1	3	1	0	0	0	0	0	5
502			Crop Science	0	2	1	0	0	0	0	0	0	3
503			Horticulture and Landscape Architecture	1	13	9	5	1	1	0	0	0	30
504			Plant Protection	1	3	3	2	1	0	0	0	0	10
505			Sericultural Science and Economic Entomology	1	2	0	0	0	0	0	0	0	3
			Agriculture total	3	21	16	8	2	1	0	0	0	51
511			Plant Fertilizer and Manure and Soil Science	0	7	1	1	0	0	0	0	0	9
512			Applied Microbiochemistry and Applied Biochemistry	1	16	11	3	1	1	0	0	0	33
513			Biological Productive Chemistry and Bioorganic Chemistry	0	6	0	1	0	0	0	0	0	7
514			Food Science and Nutritional Chemistry	3	111	48	21	18	0	0	0	1	202

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	ENGINEERING		System Engineering	0	6	6	3	4	1	0	0	0	20
427			Electronic Measurements	0	26	25	5	7	2	0	0	1	66
428			Control Engineering	0	19	23	11	10	1	0	0	1	65
			Electric and Electronic Engineering	0	205	167	55	59	6	0	0	2	494
431			Construction Materials and Dynamics in General Civil Engineering	0	14	13	0	1	0	0	0	0	28
432			Structural Engineering and Seismology	0	11	12	4	4	1	0	0	0	32
433			Ground Engineering	0	16	9	3	1	2	0	0	0	31
434			Hydraulics and River Engineering	0	14	13	1	3	0	0	0	0	31
435			Traffic Engineering and Regional Planning	0	4	8	2	6	0	0	0	0	20
436			Civil Environmental System	0	11	8	1	6	0	0	0	0	26
			Civil Engineering total	0	70	63	11	21	3	0	0	0	168
441		N	Building Structure and Materials	0	12	8	0	4	0	0	0	0	24
442			Building Science and Building Equipment	0	5	1	3	2	0	0	0	0	11
443			City Planning and Building Planning	0	11	11	4	5	0	0	0	0	31
444			Architectural History and Design	0	6	4	1	5	1	0	0	0	17
			Architecture total	0	34	24	8	16	1	0	0	0	83
451		N	Physical Metallurgy	0	13	7	0	0	0	0	0	0	20
452			Inorganic Materials and	0	13	9	0	1	0	0	0	0	23
453			Composed Materials and Properties	0	5	1	0	1	0	0	0	0	7
454			Structural and Functional Materials	0	4	8	0	4	0	0	0	0	16
455		R	Metallurgy and Material	0	12	9	2	2	0	0	0	0	25
456			Metal Productive Engineering	0	4	1	1	1	0	0	0	0	7
			Material Engineering total	0	51	35	3	9	0	0	0	0	98
461		G	Chemical Engineering in General	0	14	2	1	0	1	0	0	0	18
462			Reaction and Separation Engineering	0	5	1	1	2	0	0	0	0	9
463			Catalyst and Chemical Process	0	2	2	0	1	0	0	0	0	5
464			Bioengineering	0	3	3	1	0	0	0	0	0	7
465			Industrial Analytical Chemistry	1	6	3	1	2	0	0	0	0	13
			Process Engineering total	1	30	11	4	5	1	0	0	0	52
471			Industrial Physical Chemistry	0	4	6	0	1	0	0	0	0	11
472			Industrial Inorganic Chemistry	0	6	1	0	1	0	0	0	0	8
473			Industrial Organic Chemistry	1	7	1	0	0	0	0	0	0	9
474			Synthetic Chemistry	0	8	6	0	3	2	0	0	0	19
475			Polymer Synthesis	0	8	4	2	2	0	0	0	0	16
476			Polymer Structure and Property (inclu. Fiber)	0	5	3	0	0	0	0	0	0	8
			Industrial Chemistry total	1	38	21	2	7	2	0	0	0	71
481			Aeronautics	0	1	0	1	1	1	0	0	0	4
482			Ship Engineering	0	6	5	1	8	0	0	0	0	20
483			Marine Engineering	0	1	3	0	0	0	0	0	0	4
484			Resource Development Engineering	0	3	2	1	0	0	0	0	0	6
			Synthetic Engineering total	0	11	10	3	9	1	0	0	0	34
			ENGINEERING Total	2	664	503	128	179	19	0	0	3	1,498
501	AGRICULTURE		Plant Breeding	0	0	1	0	0	0	0	0	0	1
502			Crop Science	0	1	0	0	0	0	0	0	0	1
503			Horticulture and Landscape Architecture	0	1	0	0	0	0	0	0	0	1
504			Plant Protection	0	0	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	2	1	0	0	0	0	0	0	3
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	1	0	0	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	0	4	3	2	2	0	0	0	0	11
513			Biological Productive Chemistry and Bioorganic Chemistry	0	2	0	0	1	0	0	0	0	3
514			Food Science and Nutritional Chemistry	0	1	1	0	1	0	0	0	0	3

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E		System Engineering	0	1	2	0	1	0	0	0	0	4
427			Electronic Measurements	0	0	0	0	1	0	0	0	0	1
428			Control Engineering	0	0	1	0	0	0	0	0	0	1
			Electric and Electronic Engineering	0	8	12	0	10	1	0	0	0	31
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	1	0	0	0	1
434			Hydraulics and River Engineering	0	0	0	0	0	0	0	0	0	0
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	0	0	0	0	1	0	0	0	1
441		N	Building Structure and Materials	0	0	0	0	0	0	0	0	0	0
442			Building Science and Building Equipment	0	0	0	0	0	0	0	0	0	0
443			City Planning and Building Planning	0	0	0	0	0	0	0	0	0	0
444			Architectural History and Design	0	0	0	0	0	0	0	0	0	0
			Architecture total	0	0	0	0	0	0	0	0	0	0
451		N	Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	1	0	1	0	2
453			Composed Materials and Properties	0	0	0	0	0	0	0	0	0	0
454			Structural and Functional Materials	0	0	0	0	0	0	0	0	0	0
455	R		Metallurgy and Material	0	0	0	0	1	0	0	0	0	1
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	0	1	1	0	1	0	3
461			Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462	G		Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	2	0	0	0	0	0	0	0	2
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	2	0	0	0	0	0	0	0	2
471			Industrial Physical Chemistry	0	0	0	0	0	0	0	0	0	0
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	1	0	0	1	0	2
475			Polymer Synthesis	0	1	0	0	0	0	0	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	0	0	1	0	0	0	0	1	0	2
			Industrial Chemistry total	0	1	1	0	1	0	0	2	0	5
481			Aeronautics	0	8	6	0	1	1	0	0	0	16
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	8	6	0	1	1	0	0	0	16
			ENGINEERING Total	0	25	26	0	26	6	1	4	0	88
501	A	G	Plant Breeding	0	0	0	0	0	0	0	0	0	0
502			Crop Science	0	0	0	0	0	0	0	0	0	0
503			Horticulture and Landscape Architecture	0	0	0	0	0	0	0	0	0	0
504			Plant Protection	0	0	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	0	0	0	0	0	0	0	0	0
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	0	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	0	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0	0
514			Food Science and Nutritional Chemistry	0	0	0	0	0	0	0	0	0	0

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Government Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	0	0	0	0	0	1	0	0	0	1
427			Electronic Measurements	0	0	0	0	0	0	0	0	0	0
428			Control Engineering	0	0	0	0	0	0	0	0	0	0
			Electric and Electronic Engineering	0	0	0	0	0	1	0	0	0	1
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	0	0	0	0	0
434			Hydraulics and River Engineering	0	0	0	0	0	0	0	0	0	0
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	0	0	0	0	0	0	0	0	0
441		G	Building Structure and Materials	0	0	0	0	0	1	0	0	0	1
442			Building Science and Building Equipment	0	0	0	0	0	0	0	0	0	0
443			City Planning and Building Planning	0	0	0	0	0	1	0	0	0	1
444			Architectural History and Design	0	0	0	0	0	3	0	0	0	3
			Architecture total	0	0	0	0	0	5	0	0	0	5
451		N	Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	0	0	0	1	0	0	0	1
454			Structural and Functional Materials	0	0	0	0	0	0	0	0	0	0
455		R	Metallurgy and Material	0	0	0	0	0	0	0	0	0	0
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	0	0	1	0	0	0	1
461		G	Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	0	0	0	0	0	0	0	0
471			Industrial Physical Chemistry	0	0	0	0	0	0	0	0	0	0
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	0	0	0	0	0	0
475			Polymer Synthesis	0	0	0	0	0	0	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	0	0	0	0	0	0
			Industrial Chemistry total	0	0	0	0	0	0	0	0	0	0
481			Aeronautics	0	0	0	0	0	0	0	0	0	0
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	0	0	0	0	0	0	0
			ENGINEERING Total	0	0	0	0	0	8	0	0	0	8
501	A G R I C U L T U R E		Plant Breeding	0	0	0	0	0	2	0	0	0	2
502			Crop Science	0	0	0	0	0	0	0	0	0	0
503			Horticulture and Landscape Architecture	0	0	0	0	0	0	0	0	0	0
504			Plant Protection	0	0	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	0	0	0	0	2	0	0	0	2
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	1	0	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	0	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0	0
514			Food Science and Nutritional Chemistry	0	0	0	0	0	0	0	0	0	0

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E		System Engineering	0	0	0	0	0	1	0	0	0	1
427			Electronic Measurements	0	0	0	0	0	1	0	0	0	1
428			Control Engineering	0	0	0	0	0	0	0	0	0	0
			Electric and Electronic Engineering	0	0	0	0	0	7	0	0	0	7
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	1	0	0	0	1
434			Hydraulics and River Engineering	0	0	0	0	0	4	0	0	0	4
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	0	0	0	0	5	0	0	0	5
441		N	Building Structure and Materials	0	0	0	0	0	1	0	0	0	1
442			Building Science and Building Equipment	0	0	0	0	0	4	0	0	0	4
443			City Planning and Building Planning	0	0	0	0	0	1	0	0	0	1
444			Architectural History and Design	0	0	0	0	0	0	0	0	0	0
			Architecture total	0	0	0	0	0	6	0	0	0	6
451		N	Physical Metallurgy	0	0	0	0	0	2	0	0	0	2
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	0	0	0	0	0	0	0	0
454			Structural and Functional Materials	0	0	0	0	0	1	0	0	0	1
455		R	Metallurgy and Material	0	0	0	0	0	3	0	0	0	3
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	0	0	6	0	0	0	6
461		G	Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	1	0	0	0	1
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	0	0	0	1	0	0	0	1
471			Industrial Physical Chemistry	0	0	0	0	0	2	0	0	0	2
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	0	3	0	0	0	3
475			Polymer Synthesis	0	0	0	0	0	0	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	0	1	0	0	0	1
			Industrial Chemistry total	0	0	0	0	0	6	0	0	0	6
481			Aeronautics	0	0	0	0	0	0	0	0	0	0
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	0	0	0	0	0	0	0
			ENGINEERING Total	0	0	0	0	0	47	0	0	0	47
501	A	G	Plant Breeding	0	0	0	0	0	4	0	0	0	4
502			Crop Science	0	0	0	0	0	1	0	0	0	1
503			Horticulture and Landscape Architecture	0	0	0	0	0	1	0	0	0	1
504			Plant Protection	0	0	0	0	0	2	0	0	0	2
505			Sericultural Science and Economic Entomology	0	0	0	0	0	13	0	0	0	13
			Agriculture total	0	0	0	0	0	21	0	0	0	21
511		R	Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	0	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	9	0	0	0	9
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	3	0	0	0	3
514			Food Science and Nutritional Chemistry	0	0	0	0	0	2	0	0	0	2

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L											
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total		
425	E N G I N E E R I N G		System Engineering	3	107	60	23	27	4	44	2	3	273		
427			Electronic Measurements	0	166	116	40	53	8	42	1	3	429		
428			Control Engineering	0	134	111	46	53	1	45	1	4	395		
			Electric and Electronic Engineering	6	1,594	915	304	517	59	460	15	19	3,889		
431			Construction Materials and Dynamics in General Civil Engineering	2	101	42	13	25	3	23	1	0	210		
432			Structural Engineering and Seismology	1	139	61	11	42	9	41	1	1	306		
433			Ground Engineering	3	114	72	18	42	13	41	1	0	304		
434			Hydraulics and River Engineering	4	120	85	14	42	8	39	1	1	314		
435			Traffic Engineering and Regional Planning	5	90	57	25	39	3	27	2	0	248		
436			Civil Environmental System	0	84	57	16	33	5	53	3	4	255		
			Civil Engineering total	15	648	374	97	223	41	224	9	6	1,637		
441			G		Building Structure and Materials	1	225	107	29	64	7	51	0	2	486
442					Building Science and Building Equipment	0	110	54	25	28	5	32	0	2	256
443					City Planning and Building Planning	0	303	182	71	85	7	83	3	1	735
444					Architectural History and Design	1	131	77	30	37	10	47	1	0	334
					Architecture total	2	769	420	155	214	29	213	4	5	1,811
451			N		Physical Metallurgy	0	63	54	7	40	6	19	3	0	192
452					Inorganic Materials and	2	111	81	11	77	3	57	2	2	346
453					Composed Materials and Properties	0	40	25	4	25	2	19	1	2	118
454			E		Structural and Functional Materials	1	87	58	8	44	3	40	4	1	246
455					Metallurgy and Material	0	120	76	13	47	7	27	1	2	293
456					Metal Productive Engineering	1	52	23	6	29	2	13	1	0	127
					Material Engineering total	4	473	317	49	262	23	175	12	7	1,322
461			N		Chemical Engineering in General	0	87	44	11	52	2	35	2	0	233
462					Reaction and Separation Engineering	0	53	30	5	31	0	25	0	0	144
463					Catalyst and Chemical Process	0	56	25	3	24	0	19	3	0	130
464					Bioengineering	0	67	58	15	48	6	52	1	3	250
465					Industrial Analytical Chemistry	1	45	21	9	20	2	14	0	1	113
					Process Engineering total	1	308	178	43	175	10	145	6	4	870
471					Industrial Physical Chemistry	1	92	57	8	37	4	21	1	1	222
472	Industrial Inorganic Chemistry	0			43	16	8	20	2	12	1	0	102		
473	Industrial Organic Chemistry	1			55	24	3	12	2	6	0	0	103		
474	Synthetic Chemistry	1			86	62	6	62	6	46	5	1	275		
475	Polymer Synthesis	0			81	52	9	36	5	43	1	0	227		
476	Polymer Structure and Property (inclu. Fiber)	2			107	56	11	46	4	30	4	1	261		
			Industrial Chemistry total	5	464	267	45	213	23	158	12	3	1,190		
481			Aeronautics	0	60	34	10	24	4	24	0	0	156		
482			Ship Engineering	5	41	27	4	23	0	9	0	0	109		
483			Marine Engineering	0	14	13	4	9	1	9	1	0	51		
484			Resource Development Engineering	0	39	20	2	22	0	15	1	0	99		
			Synthetic Engineering total	5	154	94	20	78	5	57	2	0	415		
	ENGINEERING Total			49	6,092	3,551	1,024	2,324	258	1,872	78	54	15,302		
501	A G R I C U L T U R E		Plant Breeding	0	38	36	8	18	7	30	3	1	141		
502			Crop Science	0	40	29	10	14	4	13	0	0	110		
503			Horticulture and Landscape Architecture	3	134	84	27	43	4	35	3	2	335		
504			Plant Protection	2	70	45	17	24	7	39	1	0	205		
505			Sericultural Science and Economic Entomology	1	20	16	1	8	15	11	0	1	73		
			Agriculture total	6	302	210	63	107	37	128	7	4	864		
511				Plant Fertilizer and Manure and Soil Science	1	66	43	6	19	2	24	1	0	162	
512				Applied Microbiochemistry and Applied Biochemistry	3	199	102	39	67	16	97	9	2	534	
513				Biological Productive Chemistry and Bioorganic Chemistry	2	63	31	7	21	5	22	2	1	154	
514				Food Science and Nutritional Chemistry	5	312	149	58	77	11	58	2	1	673	

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	7	493	261	82	160	18	201	14	3	1,239
521			Forestry	0	101	73	22	42	4	47	6	3	298
522	G		Wood Science	0	64	37	9	34	3	32	3	1	183
			Forestry total	0	165	110	31	76	7	79	9	4	481
531	R		Fisheries in General	1	116	57	26	42	8	70	8	1	329
532			Fisheries Chemistry	0	40	28	4	16	1	15	1	1	106
			Fisheries total	1	156	85	30	58	9	85	9	2	435
541	I		Agricultural Economics	3	148	62	20	16	1	47	5	4	306
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	66	39	12	22	3	22	1	0	165
552	U		Agricultural Machinery	0	41	30	8	20	0	10	1	0	110
553	L		Biological Environment	0	30	15	4	7	2	11	2	0	71
			Agricultural Engineering total	0	137	84	24	49	5	43	4	0	346
561	T		Animal Science and Grassland Science	0	64	34	11	19	3	16	2	0	149
562	U		Applied Animal Science	0	48	36	7	20	0	36	1	0	148
563	R		Basic Veterinary Medicine and Basic Animal Science	0	79	58	17	34	3	40	2	0	233
564			Applied Veterinary Medicine	1	75	52	20	40	2	54	1	0	245
	E		Animal Science·Veterinary Medicine total	1	266	180	55	113	8	146	6	0	775
571			Biological Resource Science	0	31	17	7	10	1	11	0	0	77
572			Applied Molecular Cell Biology	0	16	15	3	15	0	23	0	1	73
			Interdisciplinary Agricultural Science total	0	47	32	10	25	1	34	0	1	150
			AGRICULTURE Total	15	1,691	1,007	307	602	62	763	54	18	4,519
601			Anatomy in General (inclu. Histology, Embryology)	1	86	68	52	86	2	50	0	0	345
602			Physiology in General	2	94	74	59	89	5	49	8	0	380
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	100	53	31	27	4	12	0	0	228
604			Pharmacology in General	4	79	53	41	77	6	27	3	0	290
605			Medical Chemistry in General	2	79	40	34	76	4	49	2	0	286
606			Pathological Medical Chemistry	1	46	24	12	33	1	35	1	1	154
			Physiology total	11	484	312	229	388	22	222	14	1	1,683
611	M		Hominal Pathology	5	116	88	65	136	9	48	1	1	469
612	E		Experimental Pathology	1	45	39	30	63	2	50	2	0	232
613	D		Parasitology (inclu. Medical Zoology)	0	33	31	34	45	1	7	0	0	151
614			Bacteriology (inclu. Eumycetes)	1	72	39	40	80	4	31	1	1	269
615	I		Virology	1	56	39	25	52	1	34	5	0	213
616			Immunology	2	86	59	36	109	4	66	1	0	363
			Pathology total	10	408	295	230	485	21	236	10	2	1,697
621	C		Hygiene	0	75	41	41	61	2	22	0	0	242
622	I		Public Health and Health Science	4	289	149	92	131	12	72	0	3	752
623			Legal Medicine	1	50	30	41	69	1	11	0	1	204
			Social Medicine total	5	414	220	174	261	15	105	0	4	1,198
631	N		Internal Medicine in General	5	114	64	94	146	21	47	0	2	493
632	E		Gastroenterology	2	82	95	116	197	10	98	1	2	603
633			Internal Medicine Respiratory System	0	46	37	69	90	7	30	0	0	279
634			Neurological Medicine	0	71	68	68	101	3	49	0	0	360
635			Cardioangiopathy	1	105	91	148	206	16	93	0	4	664
636			Pediatrics	4	118	79	133	190	23	55	0	4	606
637			Dermatology	1	59	48	66	132	7	44	0	1	358
638			Radiology	2	122	98	139	243	13	56	1	3	677
639			Neuropsychiatry	2	137	93	100	164	8	56	0	3	563
641			Hematology	0	62	58	78	140	7	38	3	3	389
642			Internal Medicine of Kidney	0	30	43	56	76	1	45	0	2	253
643			Embryology and Newborn	0	5	10	8	19	1	1	0	0	44
644			Endocrinology	2	44	31	39	64	2	26	0	0	208
645			Metabolic Science	1	46	37	46	55	6	40	2	2	235
			Internal Medicine total	20	1,041	852	1,160	1,823	125	678	7	26	5,732
651			Surgery in General	0	93	73	101	198	9	55	1	2	532
652			Gastroenterological Surgery	3	69	80	125	171	8	79	0	0	535
653			Thoracic Surgery	3	64	50	87	144	10	25	0	2	385

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	4	140	60	26	19	1	0	0	1	251
521			Forestry	0	2	1	1	0	0	0	0	0	4
522	G		Wood Science	0	1	0	0	0	0	0	0	0	1
			Forestry total	0	3	1	1	0	0	0	0	0	5
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	5	2	1	1	0	0	0	0	9
			Fisheries total	0	5	2	1	1	0	0	0	0	9
541	I		Agricultural Economics	1	10	3	2	0	0	0	0	0	16
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	7	2	2	0	0	0	0	0	12
552	U		Agricultural Machinery	1	6	2	0	0	0	0	0	0	9
553	L		Biological Environment	0	0	1	0	0	0	0	0	0	1
			Agricultural Engineering total	2	13	5	2	0	0	0	0	0	22
561	T		Animal Science and Grassland Science	0	2	4	2	1	0	0	0	0	9
562	U		Applied Animal Science	0	4	2	1	1	0	0	0	0	8
563	R		Basic Veterinary Medicine and Basic Animal Science	0	4	0	1	1	0	0	0	0	6
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	10	6	4	3	0	0	0	0	23
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	1	1	0	0	0	0	0	0	2
			Interdisciplinary Agricultural Science total	0	1	1	0	0	0	0	0	0	2
			AGRICULTURE Total	10	203	94	44	25	2	0	0	1	379
601			Anatomy in General (inclu. Histology, Embryology)	0	15	3	3	1	0	0	0	0	22
602			Physiology in General	0	15	3	1	5	0	0	0	0	24
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	14	12	7	5	1	0	0	0	40
604			Pharmacology in General	0	9	2	1	0	0	0	0	0	12
605			Medical Chemistry in General	0	11	2	2	0	0	0	0	0	15
606			Pathological Medical Chemistry	0	0	2	1	2	0	0	0	0	5
			Physiology total	1	64	24	15	13	1	0	0	0	118
611	M		Hominal Pathology	0	7	1	1	2	0	0	0	0	11
612	E		Experimental Pathology	0	3	5	0	1	0	0	0	0	9
613	D		Parasitology (inclu. Medical Zoology)	0	5	2	0	1	0	0	0	0	8
614			Bacteriology (inclu. Eumycetes)	0	10	3	4	4	0	0	0	0	21
615	I		Virology	0	0	1	0	0	0	0	0	1	2
616			Immunology	0	5	0	3	3	0	0	0	0	11
			Pathology total	0	30	12	8	11	0	0	0	1	62
621	C		Hygiene	0	12	1	3	0	0	0	0	0	16
622	I		Public Health and Health Science	1	74	34	23	10	0	0	0	0	142
623			Legal Medicine	0	1	0	0	0	0	0	0	1	2
			Social Medicine total	1	87	35	26	10	0	0	0	1	160
631	N		Internal Medicine in General	0	9	0	4	2	0	0	0	0	15
632	E		Gastroenterology	0	2	0	1	0	0	0	0	0	3
633			Internal Medicine Respiratory System	0	3	1	0	0	0	0	0	0	4
634			Neurological Medicine	0	3	0	1	0	1	0	0	0	5
635			Cardioangiopathy	1	1	1	2	0	1	0	0	0	6
636			Pediatrics	0	9	4	3	0	0	0	0	0	16
637			Dermatology	0	1	0	0	0	0	0	0	0	1
638			Radiology	1	10	10	4	3	0	0	0	0	28
639			Neuropsychiatry	1	12	4	0	1	0	0	0	0	18
641			Hematology	1	4	1	2	0	0	0	0	0	8
642			Internal Medicine of Kidney	1	2	1	1	2	0	0	0	0	7
643			Embryology and Newborn	0	1	0	0	0	0	0	0	0	1
644			Endocrinology	0	3	0	0	0	0	0	0	0	3
645			Metabolic Science	0	2	0	2	0	0	0	0	0	4
			Internal Medicine total	5	62	22	20	8	2	0	0	0	119
651			Surgery in General	0	4	0	0	0	0	0	0	0	4
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	1	1
653			Thoracic Surgery	0	1	0	0	0	0	0	0	0	1

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	7	4	2	5	0	0	0	0	18
521			Forestry	0	0	0	0	1	0	0	0	0	1
522	G		Wood Science	0	0	1	0	0	0	0	0	0	1
			Forestry total	0	0	1	0	1	0	0	0	0	2
531	R		Fisheries in General	0	0	0	0	0	1	0	0	0	1
532			Fisheries Chemistry	0	0	1	0	0	0	0	0	0	1
			Fisheries total	0	0	1	0	0	1	0	0	0	2
541	I		Agricultural Economics	0	0	0	0	0	0	0	0	0	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	1	0	0	0	0	1
552	U		Agricultural Machinery	0	1	0	0	0	0	0	0	0	1
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	1	0	0	1	0	0	0	0	2
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	0	0	0	0	0
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	0	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	2	0	1	0	0	0	0	3
			Interdisciplinary Agricultural Science total	0	0	2	0	1	0	0	0	0	3
			AGRICULTURE Total	0	10	9	2	8	1	0	0	0	30
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	0	0	0	0	0
602			Physiology in General	0	0	0	0	0	0	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	0	2	0	0	0	0	0	3
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	1	0	0	0	0	0	0	0	1
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	2	0	2	0	0	0	0	0	4
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	1	0	0	0	0	0	0	1
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	1	0	0	0	0	0	0	1
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	1	0	0	0	0	0	0	1
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	1	0	0	0	0	0	0	1
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	0
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	0	0	0	0	0
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	0	0	0	0	0	0	0	0	0
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	0	0	0	0	0
521			Forestry	0	1	1	0	1	0	0	0	0	3
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	1	1	0	1	0	0	0	0	3
531	R		Fisheries in General	0	0	1	0	0	0	0	0	0	1
532			Fisheries Chemistry	0	0	0	0	0	0	0	0	0	0
			Fisheries total	0	0	1	0	0	0	0	0	0	1
541	I		Agricultural Economics	0	0	1	0	0	0	0	0	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	0	0	0	0	0
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	0	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	1	3	0	1	0	0	0	0	5
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	2	0	0	0	0	2
602			Physiology in General	0	3	2	0	5	0	0	0	0	10
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	1	0	1	0	0	0	0	2
605			Medical Chemistry in General	0	0	0	0	1	0	0	0	0	1
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	3	3	0	9	0	0	0	0	15
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	0	0	0	0	0
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	0	0	0	0	0	0	0	0
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	0	0	0	0	0	0	0	0
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	0	0	0	0	0
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	1	0	0	0	0	0	0	0	1
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	1	0	0	0	0	0	0	0	1
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	2	0	0	0	0	0	0	0	2
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Government Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	1	0	0	0	1
521			Forestry	0	0	0	0	0	0	0	0	0	0
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	0	0	0	0	0	0	0	0	0
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	0	0	0	0	0
			Fisheries total	0	0	0	0	0	0	0	0	0	0
541	I		Agricultural Economics	0	0	0	0	0	0	0	0	0	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	1	0	0	0	1
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	1	0	0	0	1
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	0	0	0	0	4	0	0	0	4
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	0	0	0	0	0
602			Physiology in General	0	0	0	0	0	1	0	0	0	1
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	0	0	0	0	0	0	0	0	0
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	0	0	0	0	1	0	0	0	1
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	1	0	0	0	1
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	0	0	0	0	0
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	0	0	0	1	0	0	0	1
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	0	0	0	1	0	0	0	1
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	1	0	0	0	1
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	0
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	0	0	0	0	0
639			Neuropsychiatry	0	0	0	0	0	1	0	0	0	1
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	0	0	0	0	1	0	0	0	1
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	14	0	0	0	14
521			Forestry	0	0	0	0	0	0	0	0	0	0
522	G		Wood Science	0	0	0	0	0	1	0	0	0	1
			Forestry total	0	0	0	0	0	1	0	0	0	1
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	1	0	0	0	1
			Fisheries total	0	0	0	0	0	1	0	0	0	1
541	I		Agricultural Economics	0	0	0	0	0	1	0	0	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	2	0	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	11	0	0	0	11
564			Applied Veterinary Medicine	0	0	0	0	0	10	0	0	0	10
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	23	0	0	0	23
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	0	0	0	0	61	0	0	0	61
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	1	0	0	0	1
602			Physiology in General	0	0	0	0	0	0	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	0	0	0	1	0	0	0	1
605			Medical Chemistry in General	0	0	0	0	0	5	0	0	0	5
606			Pathological Medical Chemistry	0	0	0	0	0	1	0	0	0	1
			Physiology total	0	0	0	0	0	8	0	0	0	8
611	M		Hominal Pathology	0	0	0	0	0	6	0	0	0	6
612	E		Experimental Pathology	0	0	0	0	0	6	0	0	0	6
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	6	0	0	0	6
615	I		Virology	0	0	0	0	0	21	0	0	0	21
616			Immunology	0	0	0	0	0	10	0	0	0	10
			Pathology total	0	0	0	0	0	49	0	0	0	49
621	C		Hygiene	0	0	0	0	0	7	0	0	0	7
622	I		Public Health and Health Science	0	0	0	0	0	4	0	0	0	4
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	11	0	0	0	11
631	N		Internal Medicine in General	0	0	0	0	0	4	0	0	0	4
632	E		Gastroenterology	0	0	0	0	0	3	0	0	0	3
633			Internal Medicine Respiratory System	0	0	0	0	1	1	0	0	0	2
634			Neurological Medicine	0	0	0	0	0	1	0	0	0	1
635			Cardioangiopathy	0	0	0	0	0	3	0	0	0	3
636			Pediatrics	0	0	0	0	0	1	0	0	0	1
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	5	0	0	0	5
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	2	0	0	0	2
642			Internal Medicine of Kidney	0	0	0	0	0	3	0	0	0	3
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	1	0	0	0	1
645			Metabolic Science	0	0	0	0	0	1	0	0	0	1
			Internal Medicine total	0	0	0	0	1	25	0	0	0	26
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	2	0	0	0	2
653			Thoracic Surgery	0	0	0	0	0	2	0	0	0	2

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	11	640	325	110	184	34	201	14	4	1,523
521			Forestry	0	104	75	23	44	4	47	6	3	306
522	G		Wood Science	0	65	38	9	34	4	32	3	1	186
			Forestry total	0	169	113	32	78	8	79	9	4	492
531	R		Fisheries in General	1	116	58	26	42	9	70	8	1	331
532			Fisheries Chemistry	0	45	31	5	17	2	15	1	1	117
			Fisheries total	1	161	89	31	59	11	85	9	2	448
541	I		Agricultural Economics	4	158	66	22	16	2	47	5	4	324
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	73	41	14	23	3	22	1	0	178
552	U		Agricultural Machinery	1	48	32	8	20	0	10	1	0	120
553	L		Biological Environment	0	30	16	4	7	2	11	2	0	72
			Agricultural Engineering total	2	151	89	26	50	5	43	4	0	370
561	T		Animal Science and Grassland Science	0	66	38	13	20	3	16	2	0	158
562	U		Applied Animal Science	0	52	38	8	21	2	36	1	0	158
563	R		Basic Veterinary Medicine and Basic Animal Science	0	83	58	18	35	15	40	2	0	251
564			Applied Veterinary Medicine	1	75	52	20	40	12	54	1	0	255
	E		Animal Science·Veterinary Medicine total	1	276	186	59	116	32	146	6	0	822
571			Biological Resource Science	0	31	17	7	10	1	11	0	0	77
572			Applied Molecular Cell Biology	0	17	18	3	16	0	23	0	1	78
			Interdisciplinary Agricultural Science total	0	48	35	10	26	1	34	0	1	155
			AGRICULTURE Total	25	1,905	1,113	353	636	130	763	54	19	4,998
601			Anatomy in General (inclu. Histology, Embryology)	1	101	71	55	89	3	50	0	0	370
602			Physiology in General	2	112	79	60	99	6	49	8	0	415
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	2	115	65	40	32	5	12	0	0	271
604			Pharmacology in General	4	88	56	42	78	7	27	3	0	305
605			Medical Chemistry in General	2	91	42	36	77	9	49	2	0	308
606			Pathological Medical Chemistry	1	46	26	13	35	2	35	1	1	160
			Physiology total	12	553	339	246	410	32	222	14	1	1,829
611	M		Hominal Pathology	5	123	89	66	138	15	48	1	1	486
612	E		Experimental Pathology	1	48	44	30	64	8	50	2	0	247
613	D		Parasitology (inclu. Medical Zoology)	0	38	33	34	46	2	7	0	0	160
614			Bacteriology (inclu. Eumycetes)	1	82	43	44	84	10	31	1	1	297
615	I		Virology	1	56	40	25	52	22	34	5	1	236
616			Immunology	2	91	59	39	112	14	66	1	0	384
			Pathology total	10	438	308	238	496	71	236	10	3	1,810
621	C		Hygiene	0	87	42	44	61	9	22	0	0	265
622	I		Public Health and Health Science	5	363	184	115	141	17	72	0	3	900
623			Legal Medicine	1	51	30	41	69	1	11	0	2	206
			Social Medicine total	6	501	256	201	271	27	105	0	5	1,371
631	N		Internal Medicine in General	5	123	64	98	148	25	47	0	2	512
632	E		Gastroenterology	2	84	95	117	197	13	98	1	2	609
633			Internal Medicine Respiratory System	0	49	38	69	91	8	30	0	0	285
634			Neurological Medicine	0	75	68	69	101	5	49	0	0	367
635			Cardioangiopathy	2	106	92	150	206	20	93	0	4	673
636			Pediatrics	4	127	83	136	190	24	55	0	4	623
637			Dermatology	1	60	48	66	132	7	44	0	1	359
638			Radiology	3	133	108	143	246	18	56	1	3	711
639			Neuropsychiatry	3	149	97	100	165	9	56	0	3	582
641			Hematology	1	66	59	80	140	9	38	3	3	399
642			Internal Medicine of Kidney	1	32	44	57	78	4	45	0	2	263
643			Embryology and Newborn	0	6	10	8	19	1	1	0	0	45
644			Endocrinology	2	47	31	39	64	3	26	0	0	212
645			Metabolic Science	1	48	37	48	55	7	40	2	2	240
			Internal Medicine total	25	1,105	874	1,180	1,832	153	678	7	26	5,880
651			Surgery in General	0	97	73	101	198	9	55	1	2	536
652			Gastroenterological Surgery	3	69	80	125	171	10	79	0	1	538
653			Thoracic Surgery	3	65	50	87	144	12	25	0	2	388

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	1	68	65	100	149	8	49	0	1	441
655			Orthopedic Surgery	2	124	111	131	220	20	96	2	3	709
656			Anesthesiology and Rescue Medicine	2	83	99	122	173	4	41	0	1	525
657			Urology	0	61	66	85	125	1	38	4	1	381
658			Obstetrics and Gynecology	2	89	70	109	162	4	40	0	0	476
659			Oto-rhino-laryngology	4	66	40	82	156	17	41	2	2	410
660			Ophthalmology	0	62	52	81	157	4	47	1	2	406
661			Pediatric Surgery	0	20	25	15	19	0	2	0	0	81
662			Formative Surgery	0	14	17	23	53	2	10	0	0	119
			Surgery total	17	813	748	1,061	1,727	87	523	10	14	5,000
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	0	54	55	51	94	6	77	1	1	339
672			Functional Basic Dentistry	0	39	39	34	67	11	53	0	4	247
673			Morbid Dentistry (inclu. Dental Radiology)	1	32	37	47	93	6	30	1	1	248
674			Conservative Dentistry	0	43	45	73	171	12	93	0	1	438
675			Prosthodontics and Dental Technology	0	62	67	109	225	25	174	0	2	664
676			Oral Surgery	0	102	81	137	279	11	152	1	0	763
677			Orthodontics, Pedodontics and Social Dentistry	1	66	55	118	245	27	194	1	3	710
678			Periodontological Dentistry	0	12	9	23	70	3	75	0	0	192
			Dentistry total	2	410	388	592	1,244	101	848	4	12	3,601
681			Chemical Pharmaceuticals	4	143	115	55	145	7	43	4	0	516
682			Physical Pharmaceuticals	2	76	44	31	62	2	13	0	0	230
683			Biopharmaceutics	1	166	113	67	168	3	62	4	2	586
684			Molecular Pharmaceuticals	0	32	31	13	36	5	37	1	1	156
685			Environmental Pharmaceuticals	0	26	12	8	19	1	10	0	1	77
			Pharmaceutics total	7	443	315	174	430	18	165	9	4	1,565
691			Medical Sociology	2	50	48	25	35	3	19	0	0	182
692			Human Genetics	0	18	16	10	29	1	12	1	0	87
693			Applied Pharmacology and Medical Pharmacology	0	70	44	21	39	6	14	0	2	196
694			Pathological Examination	1	48	34	25	49	4	11	0	0	172
696			Science of Basic and Local Nursing	2	167	116	112	138	4	15	1	0	555
697			Science of Clinical Nursing	1	179	136	165	282	1	22	0	5	791
			Medicine in General total	6	532	394	358	572	19	93	2	7	1,983
			MEDICINE Total	78	4,545	3,524	3,978	6,930	408	2,870	56	70	22,459
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	3	78	25	7	4	2	7	0	0	126
703			Physical Education	3	780	531	155	76	14	28	2	2	1,591
704			Human Geography	1	157	79	15	13	5	19	1	3	293
705			Physical Geography	0	72	32	4	6	3	17	2	1	137
			Geography total	1	229	111	19	19	8	36	3	4	430
706			Home Science(inclu. Cloth/Living Environments)	3	198	110	36	40	1	22	0	0	410
707			Food Culture	1	95	77	38	52	1	8	0	0	272
			Domestic Science total	4	293	187	74	92	2	30	0	0	682
708			Science of Cultural Property	0	10	7	3	3	1	10	0	0	34
711			Science Education	4	108	74	10	10	3	15	0	1	225
712	A R E A		Educational Engineering	2	115	87	45	32	4	18	0	0	303
713			Curriculum Studies	1	424	342	107	17	8	33	1	2	935
714			Japanese Language Education	0	80	73	47	6	2	13	0	1	222
			Science Education・Curriculum Education total	7	727	576	209	65	17	79	1	4	1,685
721			Statistics	0	72	36	10	16	2	12	0	0	148
731			Computer Science	3	303	239	104	147	7	104	0	3	910
732			Intelligent Informatics	5	244	164	66	116	4	87	8	0	694
733			Study of Information System (Inclu. Library and Information Science)	2	257	121	51	62	10	34	1	1	539
			Information Science total	10	804	524	221	325	21	225	9	4	2,143
741	I		Social System Engineering	1	175	93	42	35	3	43	4	0	396
751			Natural Disaster Science	0	15	19	3	5	1	8	1	0	52
761			Plasma Science and Technology	1	64	51	8	28	2	25	2	0	181
772			Nuclear Fusion	0	24	14	3	16	2	9	1	0	69

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivision	I t e m	Junior Colleges									Total
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	1	0	0	0	0	0	0	0	1
655			Orthopedic Surgery	1	3	8	5	8	0	0	0	1	26
656			Anesthesiology and Rescue Medicine	0	0	0	0	1	1	0	0	0	2
657			Urology	0	0	0	0	0	0	0	0	0	0
658			Obstetrics and Gynecology	0	5	0	0	0	0	0	0	0	5
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0
661			Pediatric Surgery	0	0	0	1	0	0	0	0	0	1
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
				Surgery total	1	14	8	6	9	1	0	0	2
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	1	0	0	0	0	1	
672	D		Functional Basic Dentistry	0	3	0	0	1	0	0	0	4	
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	1	0	0	0	0	1	
674	C		Conservative Dentistry	0	5	6	2	2	0	0	0	15	
675			Prosthodontics and Dental Technology	0	2	2	0	1	0	0	0	5	
676	I		Oral Surgery	1	3	1	0	0	0	0	0	5	
677	N		Orthodontics, Pedodontics and Social Dentistry	0	4	5	4	5	0	0	0	18	
678			Periodontological Dentistry	1	0	1	1	0	0	0	0	3	
	E		Dentistry total	2	17	15	9	9	0	0	0	0	52
681				Chemical Pharmaceutics	0	0	0	0	0	1	0	0	0
682		Physical Pharmaceutics		0	1	1	0	0	0	0	0	0	2
683		Biopharmaceutics		1	0	2	1	0	0	0	0	0	4
684		Molecular Pharmaceutics		0	1	0	0	0	0	0	0	0	1
685		Environmental Pharmaceutics		0	0	1	0	0	0	0	0	0	1
			Pharmaceutics total	1	2	4	1	0	1	0	0	0	9
691			Medical Sociology	0	5	1	4	1	0	0	0	0	11
692			Human Genetics	0	0	0	1	0	0	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	2	0	0	0	0	0	0	2
694			Pathological Examination	1	7	14	8	10	0	0	0	0	40
696	Science of Basic and Local Nursing		1	43	46	82	31	0	0	0	1	204	
697		Science of Clinical Nursing	1	44	36	86	59	1	0	0	0	227	
		Medicine in General total	3	99	99	181	101	1	0	0	1	485	
	MEDICINE Total			14	375	219	266	161	6	0	0	5	1,046
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	3	0	0	0	0	0	0	0	3
703			Physical Education	0	115	112	59	10	3	0	0	0	299
704			Human Geography	0	7	2	4	0	0	0	0	0	13
705			Physical Geography	0	2	2	0	1	0	0	0	0	5
			Geography total	0	9	4	4	1	0	0	0	0	18
706			Home Science(inclu. Cloth/Living Environments)	2	159	144	56	43	2	0	0	1	407
707			Food Culture	1	105	109	70	51	5	0	0	0	341
			Domestic Science total	3	264	253	126	94	7	0	0	1	748
708			Science of Cultural Property	1	1	0	0	0	0	0	0	0	2
711			Science Education	0	14	5	6	0	0	0	0	0	25
712	A	Educational Engineering	0	26	26	21	3	1	0	0	1	78	
713		Curriculum Studies	1	102	93	81	11	1	1	0	0	290	
714		Japanese Language Education	0	2	8	3	0	1	0	0	0	14	
		Science Education·Curriculum Education total	1	144	132	111	14	3	1	0	1	407	
721	A	Statistics	1	3	3	0	1	0	0	0	0	8	
731		Computer Science	0	19	27	14	4	0	0	0	1	65	
732		Intelligent Informatics	0	11	12	10	2	0	0	0	0	35	
733		Study of Information System (Inclu. Library and Information Science)	0	51	39	18	5	1	0	0	1	115	
	I	Information Science total	0	81	78	42	11	1	0	0	2	215	
741		Social System Engineering	0	8	5	4	0	1	0	0	0	18	
751		Natural Disaster Science	0	0	1	0	0	0	0	0	0	1	
761		Plasma Science and Technology	0	1	1	0	0	0	0	0	0	2	
772		Nuclear Fusion	0	1	0	0	0	0	0	0	0	1	

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total	
				President / Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0	
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0	
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0	
657			Urology	0	0	0	0	0	0	0	0	0	0	
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0	
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0	
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0	
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0	
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0	
				Surgery total	0	0	0	0	0	0	0	0	0	0
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
672	D		Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0	
674	C		Conservative Dentistry	0	0	0	0	0	0	0	0	0	0	
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0	
676	I		Oral Surgery	0	0	0	0	0	0	0	0	0	0	
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0	
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0	
	E		Dentistry total	0	0	0	0	0	0	0	0	0	0	
681				Chemical Pharmaceutics	0	1	0	0	0	0	0	0	0	1
682		Physical Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
683		Biopharmaceutics		0	0	1	0	0	1	0	0	0	2	
684		Molecular Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
685		Environmental Pharmaceutics		0	0	1	0	0	0	0	0	0	1	
			Pharmaceutics total	0	1	2	0	0	1	0	0	0	4	
691				Medical Sociology	0	0	0	0	0	0	0	0	0	0
692				Human Genetics	0	0	0	0	0	0	0	0	0	0
693				Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694				Pathological Examination	0	0	0	0	0	0	0	0	0	0
696	Science of Basic and Local Nursing			0	0	1	0	0	0	0	0	0	1	
697	Science of Clinical Nursing			0	0	0	0	0	0	0	0	0	0	
	Medicine in General total			0	0	1	0	0	0	0	0	0	1	
	MEDICINE Total			0	3	5	2	0	1	0	0	0	11	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	4	1	0	0	0	0	0	0	5	
703			Physical Education	0	28	37	17	1	0	0	0	0	83	
704			Human Geography	0	3	4	2	0	0	0	0	0	9	
705			Physical Geography	0	0	2	0	0	0	0	0	0	2	
			Geography total	0	3	6	2	0	0	0	0	0	11	
706			Home Science(inclu. Cloth/Living Environments)	0	1	0	0	1	0	0	0	0	2	
707			Food Culture	0	0	0	0	0	0	0	0	0	0	
			Domestic Science total	0	1	0	0	1	0	0	0	0	2	
708			Science of Cultural Property	0	1	0	0	0	0	0	0	0	1	
711			Science Education	0	21	3	0	0	0	0	0	0	24	
712			Educational Engineering	0	13	12	4	6	0	0	0	0	35	
713			Curriculum Studies	0	13	32	6	0	1	0	0	0	52	
714			Japanese Language Education	0	0	1	0	0	0	0	0	0	1	
	A R E A		Science Education·Curriculum Education total	0	47	48	10	6	1	0	0	0	112	
721			Statistics	0	0	0	0	0	0	0	0	0	0	
731			Computer Science	0	17	25	14	10	1	0	0	0	67	
732			Intelligent Informatics	0	10	20	6	10	0	1	0	0	47	
733	I		Study of Information System (Inclu. Library and Information Science)	0	7	8	2	0	0	0	0	0	17	
			Information Science total	0	34	53	22	20	1	1	0	0	131	
741			Social System Engineering	0	2	2	1	1	0	0	0	0	6	
751			Natural Disaster Science	0	1	1	0	0	0	0	0	0	2	
761			Plasma Science and Technology	0	4	4	1	1	0	0	0	0	10	
772			Nuclear Fusion	0	0	0	0	0	1	0	0	0	1	

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total	
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0	
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0	
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0	
657			Urology	0	0	0	0	0	0	0	0	0	0	
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0	
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0	
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0	
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0	
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0	
				Surgery total	0	0	0	0	0	0	0	0	0	0
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
672	D		Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0	
674	C		Conservative Dentistry	0	0	0	0	0	0	0	0	0	0	
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0	
676	I		Oral Surgery	0	0	0	0	0	0	0	0	0	0	
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0	
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0	
	E		Dentistry total	0	0	0	0	0	0	0	0	0	0	
681				Chemical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
682		Physical Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
683		Biopharmaceutics		0	0	0	0	0	0	0	0	0	0	
684		Molecular Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
685		Environmental Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
			Pharmaceutics total	0	0	0	0	0	0	0	0	0	0	
691				Medical Sociology	0	0	0	0	0	0	0	0	0	0
692				Human Genetics	0	1	0	0	0	0	0	0	0	1
693				Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694				Pathological Examination	0	0	0	0	0	0	0	0	0	0
696	Science of Basic and Local Nursing			0	0	0	0	0	0	0	0	0	0	
697	Science of Clinical Nursing			0	0	0	0	0	0	0	0	0	0	
	Medicine in General total			0	1	0	0	0	0	0	0	0	1	
	MEDICINE Total			0	6	3	0	9	0	0	0	0	18	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	1	0	1	0	0	0	0	2	
703			Physical Education	0	0	0	0	0	0	0	0	0	0	
704			Human Geography	0	1	0	0	0	0	0	0	0	1	
705			Physical Geography	0	0	0	0	1	0	0	0	0	1	
			Geography total	0	1	0	0	1	0	0	0	0	2	
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	0	0	0	0	0	0	
707			Food Culture	0	0	0	0	0	0	0	0	0	0	
			Domestic Science total	0	0	0	0	0	0	0	0	0	0	
708			Science of Cultural Property	0	0	1	0	0	0	0	0	0	1	
711			Science Education	0	0	0	0	0	0	0	0	0	0	
712	A R E A		Educational Engineering	0	5	6	0	1	1	0	0	0	13	
713			Curriculum Studies	0	0	0	0	0	0	0	0	0	0	
714			Japanese Language Education	0	0	0	0	0	0	0	0	0	0	
			Science Education・Curriculum Education total	0	5	6	0	1	1	0	0	0	13	
721			Statistics	0	8	5	0	2	0	0	0	0	15	
731			Computer Science	0	3	4	0	1	0	0	0	0	8	
732			Intelligent Informatics	0	4	4	0	4	2	0	0	0	14	
733			Study of Information System (Inclu. Library and Information Science)	0	5	7	0	6	2	0	0	0	20	
		Information Science total	0	12	15	0	11	4	0	0	0	42		
741	I		Social System Engineering	0	0	0	0	0	0	0	0	0	0	
751			Natural Disaster Science	0	0	0	0	0	0	0	0	0	0	
761			Plasma Science and Technology	0	8	9	0	6	0	0	0	1	24	
772			Nuclear Fusion	0	9	4	0	3	1	0	0	0	17	

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Government Research Institutes									Total		
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown			
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0		
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0		
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0		
657			Urology	0	0	0	0	0	0	0	0	0	0		
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0		
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0		
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0		
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0		
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0		
				Surgery total	0	0	0	0	0	0	0	0	0	0	
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0		
672	D		Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0		
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0		
674	C		Conservative Dentistry	0	0	0	0	0	0	0	0	0	0		
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0		
676	I		Oral Surgery	0	0	0	0	0	0	0	0	0	0		
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0		
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0		
	E		Dentistry total	0	0	0	0	0	0	0	0	0	0		
681				Chemical Pharmaceuticals	0	0	0	0	0	0	0	0	0	0	
682		Physical Pharmaceuticals		0	0	0	0	0	0	0	0	0	0		
683		Biopharmaceutics		0	0	0	0	0	0	0	0	0	0		
684		Molecular Pharmaceuticals		0	0	0	0	0	0	0	0	0	0		
685		Environmental Pharmaceuticals		0	0	0	0	0	0	0	0	0	0		
		Pharmaceutics total		0	0	0	0	0	0	0	0	0	0		
691					Medical Sociology	0	0	0	0	0	0	0	0	0	0
692					Human Genetics	0	0	0	0	0	0	0	0	0	0
693					Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694					Pathological Examination	0	0	0	0	0	0	0	0	0	0
696	Science of Basic and Local Nursing		0		0	0	0	0	0	0	0	0	0		
697	Science of Clinical Nursing		0		0	0	0	0	0	0	0	0	0		
	Medicine in General total		0		0	0	0	0	0	0	0	0	0		
	MEDICINE Total			0	0	0	0	0	4	0	0	0	4		
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	3	0	0	0	3		
703			Physical Education	0	0	0	0	0	0	0	0	0	0	0	
704			Human Geography	0	0	0	0	0	1	0	0	0	1	1	
705			Physical Geography	0	0	0	0	0	0	0	0	0	0	0	
			Geography total	0	0	0	0	0	1	0	0	0	1	1	
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	0	0	0	0	0	0	0	
707			Food Culture	0	0	0	0	0	0	0	0	0	0	0	
			Domestic Science total	0	0	0	0	0	0	0	0	0	0	0	
708			Science of Cultural Property	0	0	0	0	0	5	0	0	0	0	5	
711			Science Education	0	0	0	0	0	7	0	0	0	0	7	
712	A R E A		Educational Engineering	0	0	0	0	0	6	0	0	0	6		
713			Curriculum Studies	0	0	0	0	0	9	0	0	0	9		
714			Japanese Language Education	0	0	0	0	0	5	0	0	0	5		
			Science Education・Curriculum Education total	0	0	0	0	0	27	0	0	0	27		
721			Statistics	0	0	0	0	0	0	0	0	0	0	0	
731			Computer Science	0	0	0	0	0	0	0	0	0	0	0	
732			Intelligent Informatics	0	0	0	0	0	1	0	0	0	1	1	
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	0	0	2	0	0	0	0	2	
			Information Science total	0	0	0	0	0	3	0	0	0	0	3	
741			Social System Engineering	0	0	0	0	0	0	0	0	0	0	0	
751	I		Natural Disaster Science	0	0	0	0	0	0	0	0	0	0		
761			Plasma Science and Technology	0	0	0	0	0	0	0	0	0	0		
772			Nuclear Fusion	0	0	0	0	0	0	0	0	0	0		

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0
655			Orthopedic Surgery	0	0	0	0	0	1	0	0	0	1
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	1	0	0	0	1
657			Urology	0	0	0	0	0	2	0	0	0	2
658			Obstetrics and Gynecology	0	0	0	0	0	1	0	0	0	1
659			Oto-rhino-laryngology	0	0	0	0	0	1	0	0	0	1
660			Ophthalmology	0	0	0	0	0	1	0	0	0	1
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
				Surgery total	0	0	0	0	0	11	0	0	0
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0
672			Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0
674			Conservative Dentistry	0	0	0	0	0	0	0	0	0	0
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0
676			Oral Surgery	0	0	0	0	0	1	0	0	0	1
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0
				Dentistry total	0	0	0	0	0	1	0	0	0
681			Chemical Pharmaceutics	0	0	0	0	0	5	0	0	0	5
682			Physical Pharmaceutics	0	0	0	0	0	1	0	0	0	1
683			Biopharmaceutics	0	0	0	0	0	5	0	0	0	5
684			Molecular Pharmaceutics	0	0	0	0	0	2	0	0	0	2
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0	0	0
		Pharmaceutics total	0	0	0	0	0	13	0	0	0	13	
691			Medical Sociology	0	0	0	0	0	3	0	0	0	3
692			Human Genetics	0	0	0	0	0	1	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694			Pathological Examination	0	0	0	0	0	2	0	0	0	2
696			Science of Basic and Local Nursing	0	0	0	0	0	0	0	0	0	0
697			Science of Clinical Nursing	0	0	0	0	0	0	0	0	0	0
				Medicine in General total	0	0	0	0	0	6	0	0	0
	MEDICINE Total			0	0	0	0	1	124	0	0	0	125
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	0	0	0	0	0
703			Physical Education	0	0	0	0	0	0	0	0	0	0
704			Human Geography	0	0	0	0	0	4	0	0	0	4
705			Physical Geography	0	0	0	0	0	0	0	0	0	0
			Geography total	0	0	0	0	0	4	0	0	0	4
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	0	1	0	0	0	1
707			Food Culture	0	0	0	0	0	0	0	0	0	0
			Domestic Science total	0	0	0	0	0	1	0	0	0	1
708			Science of Cultural Property	0	0	0	0	0	0	0	0	0	0
711			Science Education	0	0	0	0	0	0	0	0	0	0
712	A R E A		Educational Engineering	0	0	0	0	0	0	0	0	0	0
713			Curriculum Studies	0	0	0	0	0	0	0	0	0	0
714			Japanese Language Education	0	0	0	0	0	7	0	0	0	7
			Science Education·Curriculum Education total	0	0	0	0	0	7	0	0	0	7
721		Statistics	0	0	0	0	0	0	0	0	0	0	
731	I		Computer Science	0	0	0	0	0	0	0	0	0	0
732			Intelligent Informatics	0	0	0	0	0	0	0	0	0	0
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	0	0	5	0	0	0	5
			Information Science total	0	0	0	0	0	5	0	0	0	5
741			Social System Engineering	0	0	0	0	0	1	0	0	0	1
751			Natural Disaster Science	0	0	0	0	0	2	0	0	0	2
761			Plasma Science and Technology	0	0	0	0	0	2	0	0	0	2
772		Nuclear Fusion	0	0	0	0	0	1	0	0	0	1	

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L								
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown
654	M <											

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities									
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
773	N		Energy Science General	2	42	25	4	15	2	13	0	0	103
774			Nuclear Power Science	0	69	37	5	43	1	12	1	0	168
	E		Energy total	2	135	76	12	74	5	34	2	0	340
801	R D I S C		Environmental Dynamic Analysis	1	81	35	12	31	2	20	3	2	187
802			Environmental Influence Assessment (inclu. Radiobiology)	0	62	46	17	44	0	16	1	2	188
803			Environmental Preservation	1	126	69	33	29	6	41	2	3	310
			Environmental Science total	2	269	150	62	104	8	77	6	7	685
811	I P L I		Biological Organic Chemistry	0	75	44	13	42	3	24	4	1	206
812			Structured Biochemistry	0	56	49	10	42	4	22	4	2	189
813			Functional Biochemistry	0	96	63	18	59	2	32	6	1	277
			Biological Chemistry total	0	227	156	41	143	9	78	14	4	672
821	N A R Y		Biophysics	0	79	53	16	47	2	26	3	1	227
822			Molecular Biology	1	123	117	58	174	10	100	15	5	603
823			Cell Biology	0	92	67	47	99	8	72	9	0	394
824			Developmental Biology	0	54	43	16	49	2	51	11	1	227
			Basic Biology total	1	348	280	137	369	22	249	38	7	1,451
831	A R E A		Neuroanatomy and Neuropathology	1	46	29	21	31	0	20	3	1	152
832			Neurochemistry and Neuropharmacology	0	50	25	24	47	2	24	2	1	175
833			Neuro Science in General	1	79	66	35	69	4	47	5	1	307
834			Neuro and Muscular Physiology	0	67	42	38	51	1	22	2	0	223
			Neuro Science (inclu. Brain Science) total	2	242	162	118	198	7	113	12	3	857
841			Laboratory Animal Science	0	16	25	9	24	3	6	1	0	84
851			Medical Organism Engineering and Material Science of Organism	0	132	88	51	71	9	67	3	1	422
	INTERDISCIPLINARY AREA Total			37	4,616	3,097	1,181	1,651	136	1,127	98	36	11,979
999	WIDE AREA Total			8	895	442	178	166	24	123	7	18	1,861
	Item n.a. Total			118	11,765	8,975	4,906	8,890	749	8,943	563	19,119	64,028
	Grand Total			461	46,904	29,185	14,259	22,301	2,062	18,834	1,099	19,447	154,552

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	Nuclear Energy		Energy Science General	0	1	0	0	0	0	0	0	0	1
774			Nuclear Power Science	0	0	0	0	1	0	0	0	0	1
			Energy total	0	2	0	0	1	0	0	0	0	3
801	Environmental Science		Environmental Dynamic Analysis	0	4	0	1	0	0	0	0	0	5
802			Environmental Influence Assessment (inclu. Radiobiology)	0	2	4	0	0	0	0	0	0	6
803			Environmental Preservation	0	11	3	3	2	0	0	0	0	19
			Environmental Science total	0	17	7	4	2	0	0	0	0	30
811	Biological Chemistry		Biological Organic Chemistry	0	3	0	0	0	0	0	0	0	3
812			Structured Biochemistry	0	4	1	0	0	0	0	0	0	5
813			Functional Biochemistry	0	5	8	1	1	0	0	0	0	15
			Biological Chemistry total	0	12	9	1	1	0	0	0	0	23
821	Basic Biology		Biophysics	0	1	0	0	0	0	0	0	0	1
822			Molecular Biology	1	3	3	3	1	0	0	0	0	11
823			Cell Biology	0	3	0	0	0	0	0	0	0	3
824			Developmental Biology	0	0	1	0	0	0	0	0	0	1
			Basic Biology total	1	7	4	3	1	0	0	0	0	16
831	Neuro Science		Neuroanatomy and Neuropathology	0	4	1	0	0	0	0	0	0	5
832			Neurochemistry and Neuropharmacology	0	0	0	1	0	0	0	0	0	1
833			Neuro Science in General	0	3	2	1	2	0	0	0	0	8
834			Neuro and Muscular Physiology	0	7	3	1	1	1	0	0	0	13
			Neuro Science (inclu. Brain Science) total	0	14	6	3	3	1	0	0	0	27
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	8	3	5	2	0	0	0	0	18
	INTERDISCIPLINARY AREA Total			7	689	618	362	141	16	1	0	4	1,838
999	WIDE AREA Total			3	171	125	90	29	9	1	0	0	428
	Item n.a. Total			71	1,201	880	905	353	38	0	0	739	4,187
	Grand Total			174	4,602	3,280	2,456	784	122	2	1	757	12,178

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	Nuclear Energy		Energy Science General	0	2	2	1	1	0	0	0	0	6
774			Nuclear Power Science	0	0	2	0	1	0	0	0	0	3
			Energy total	0	2	4	1	2	1	0	0	0	10
801	Environmental Science		Environmental Dynamic Analysis	0	2	0	1	0	0	0	0	0	3
802			Environmental Influence Assessment (inclu. Radiobiology)	0	2	6	0	0	0	0	0	0	8
803			Environmental Preservation	0	6	2	1	3	0	0	0	0	12
			Environmental Science total	0	10	8	2	3	0	0	0	0	23
811	Biological Chemistry		Biological Organic Chemistry	0	0	3	0	2	0	0	0	0	5
812			Structured Biochemistry	0	0	1	0	0	0	0	0	0	1
813			Functional Biochemistry	0	0	1	0	1	0	0	0	0	2
			Biological Chemistry total	0	0	5	0	3	0	0	0	0	8
821	Basic Biology		Biophysics	0	1	4	0	1	0	0	0	0	6
822			Molecular Biology	0	2	1	0	0	0	0	0	0	3
823			Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	1	0	0	0	0	0	0	0	1
			Basic Biology total	0	4	5	0	1	0	0	0	0	10
831	Neuro Science		Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833			Neuro Science in General	0	1	0	0	0	0	0	0	0	1
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	1	0	0	0	0	0	0	0	1
841			Laboratory Animal Science	0	1	0	0	0	0	0	0	0	1
851			Medical Organism Engineering and Material Science of Organism	0	6	11	2	3	0	0	0	0	22
	INTERDISCIPLINARY AREA Total			0	149	185	58	42	3	1	0	0	438
999	WIDE AREA Total			0	17	7	5	4	0	0	0	0	33
	Item n.a. Total			3	486	529	205	203	11	2	1	87	1,527
	Grand Total			8	1,653	1,564	505	455	40	3	1	92	4,321

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Inter-University Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	1	0	0	0	0	0	0	0	1
774			Nuclear Power Science	0	1	1	0	3	0	0	0	0	5
	E		Energy total	0	11	5	0	6	1	0	0	0	23
801	R	D	Environmental Dynamic Analysis	0	0	0	0	1	0	0	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	1	0	0	0	0	0	0	1
803	S	C	Environmental Preservation	0	1	0	0	0	0	0	0	0	1
			Environmental Science total	0	1	1	0	1	0	0	0	0	3
811	I	P	Biological Organic Chemistry	0	0	0	0	0	0	0	0	0	0
812			Structured Biochemistry	0	0	0	0	0	0	0	0	0	0
813	L	I	Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	0	0	0	0	0
821	N	A	Biophysics	0	4	2	0	7	1	1	1	0	16
822			Molecular Biology	0	5	5	0	6	1	1	1	1	20
823	R	Y	Cell Biology	0	1	1	0	6	0	0	1	0	9
824			Developmental Biology	0	3	2	0	4	0	2	4	0	15
			Basic Biology total	0	13	10	0	23	2	4	7	1	60
831	A	R	Neuroanatomy and Neuropathology	0	0	1	0	1	0	0	1	0	3
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	1	0	1
833	E	A	Neuro Science in General	0	4	5	0	11	2	2	3	0	27
834			Neuro and Muscular Physiology	0	2	1	0	5	0	1	1	0	10
			Neuro Science (inclu. Brain Science) total	0	6	7	0	17	2	3	6	0	41
841			Laboratory Animal Science	0	0	2	0	0	0	0	0	0	2
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	0	0	0	0	0	0
	INTERDISCIPLINARY AREA Total			0	65	62	0	69	10	7	13	2	228
999	WIDE AREA Total			0	6	2	0	5	0	0	0	0	13
	Item n.a. Total			0	101	115	2	180	13	17	38	626	1,092
	Grand Total			1	316	334	3	417	38	30	87	630	1,856

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Government Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	Nuclear Energy		Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
			Energy total	0	0	0	0	0	0	0	0	0	0
801	Environmental Science		Environmental Dynamic Analysis	0	0	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	0	0	0	0	0	0
803			Environmental Preservation	0	0	0	0	0	0	0	0	0	0
			Environmental Science total	0	0	0	0	0	0	0	0	0	0
811	Biological Chemistry		Biological Organic Chemistry	0	0	0	0	0	0	0	0	0	0
812			Structured Biochemistry	0	0	0	0	0	0	0	0	0	0
813			Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	0	0	0	0	0
821	Basic Biology		Biophysics	0	0	0	0	0	0	0	0	0	0
822			Molecular Biology	0	0	0	0	0	0	0	0	0	0
823			Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	0	0	0	0	0	0	0	0	0
			Basic Biology total	0	0	0	0	0	0	0	0	0	0
831	Neuro Science		Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833			Neuro Science in General	0	0	0	0	0	0	0	0	0	0
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	0	0	0	0	0	0	0	0
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	0	0	0	0	0	0
	INTERDISCIPLINARY AREA Total			0	0	0	0	0	39	0	0	0	39
999	WIDE AREA Total			0	0	0	0	0	5	0	0	0	5
	Item n.a. Total			0	2	0	0	0	96	0	0	22	120
	Grand Total			0	2	0	0	0	327	0	0	23	352

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	Nuclear Energy		Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
			Energy total	0	0	0	0	0	1	0	0	0	1
801	Environmental Science		Environmental Dynamic Analysis	0	0	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	0	4	0	0	0	4
803			Environmental Preservation	0	0	0	0	0	2	0	0	0	2
			Environmental Science total	0	0	0	0	0	6	0	0	0	6
811	Biological Chemistry		Biological Organic Chemistry	0	0	0	0	0	5	0	0	0	5
812			Structured Biochemistry	0	0	0	0	0	2	0	0	0	2
813			Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	7	0	0	0	7
821	Basic Biology		Biophysics	0	0	0	0	0	1	0	0	0	1
822			Molecular Biology	0	0	0	0	0	6	0	1	0	7
823			Cell Biology	0	0	0	0	0	9	0	2	0	11
824			Developmental Biology	0	0	0	0	0	1	0	0	0	1
			Basic Biology total	0	0	0	0	0	17	0	3	0	20
831	Neuro Science		Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	1	0	1	0	2
833			Neuro Science in General	0	0	0	0	0	1	0	0	0	1
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	0	0	0	2	0	1	0	3
841			Laboratory Animal Science	0	0	0	0	0	20	0	0	0	20
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	0	0	0	0	0	0
	INTERDISCIPLINARY AREA Total			0	0	0	0	0	75	0	4	0	79
999	WIDE AREA Total			0	0	0	0	0	17	0	0	0	17
	Item n.a. Total			0	0	0	2	0	300	0	3	142	447
	Grand Total			0	8	3	3	2	744	0	9	143	912

Table 1. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Japan)

Code	Subject	Subdivision	Item	TOTAL									
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
773	Nuclear Energy		Energy Science General	2	46	27	5	16	2	13	0	0	111
774			Nuclear Power Science	0	70	40	5	48	1	12	1	0	177
			Energy total	2	150	85	13	83	8	34	2	0	377
801	Environmental Science		Environmental Dynamic Analysis	1	87	35	14	32	2	20	3	2	196
802			Environmental Influence Assessment (inclu. Radiobiology)	0	66	57	17	44	4	16	1	2	207
803			Environmental Preservation	1	144	74	37	34	8	41	2	3	344
			Environmental Science total	2	297	166	68	110	14	77	6	7	747
811	Biological Chemistry		Biological Organic Chemistry	0	78	47	13	44	8	24	4	1	219
812			Structured Biochemistry	0	60	51	10	42	6	22	4	2	197
813			Functional Biochemistry	0	101	72	19	61	2	32	6	1	294
			Biological Chemistry total	0	239	170	42	147	16	78	14	4	710
821	Basic Biology		Biophysics	0	85	59	16	55	4	27	4	1	251
822			Molecular Biology	2	133	126	61	181	17	101	17	6	644
823			Cell Biology	0	96	68	47	105	17	72	12	0	417
824			Developmental Biology	0	58	46	16	53	3	53	15	1	245
			Basic Biology total	2	372	299	140	394	41	253	48	8	1,557
831	Neuroscience		Neuroanatomy and Neuropathology	1	50	31	21	32	0	20	4	1	160
832			Neurochemistry and Neuropharmacology	0	50	25	25	47	3	24	4	1	179
833			Neuro Science in General	1	87	73	36	82	7	49	8	1	344
834			Neuro and Muscular Physiology	0	76	46	39	57	2	23	3	0	246
				Neuro Science (inclu. Brain Science) total	2	263	175	121	218	12	116	19	3
841	Interdisciplinary Area		Laboratory Animal Science	0	17	27	9	24	23	6	1	0	107
851			Medical Organism Engineering and Material Science of Organism	0	146	102	58	76	9	67	3	1	462
			INTERDISCIPLINARY AREA Total	44	5,519	3,962	1,601	1,903	279	1,136	115	42	14,601
999	WIDE AREA Total			11	1,089	576	273	204	55	124	7	18	2,357
	Item n.a. Total			192	13,555	10,499	6,020	9,626	1,207	8,962	605	20,735	71,401
	Grand Total			644	53,485	34,366	17,226	23,959	3,333	18,869	1,197	21,092	174,171

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	0	100	57	4	5	1	34	4	0	205
212			Chinese Philosophy	0	28	19	1	4	0	4	2	0	58
213			Indian Philosophy (inclu. Buddhist Studies)	0	14	12	0	1	1	7	0	2	37
214			Religion	0	21	7	1	1	1	10	1	1	43
215			Ethics	0	37	21	1	0	0	14	0	0	73
216			History of Philosophy	0	28	21	4	4	0	19	2	0	78
217			Aesthetics (inclu. Arts)	2	190	125	19	20	2	46	0	1	405
218			Art History	0	34	48	3	5	1	19	0	1	111
			Philosophy total	2	452	310	33	40	6	153	9	5	1,010
221			Experimental Psychology	0	106	64	6	25	4	31	6	1	243
222			Educational and Social	3	238	183	42	30	12	114	5	4	631
223			Sociology	0	131	109	24	20	1	75	8	2	370
224			Education	5	343	231	52	21	6	94	7	4	763
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	54	67	10	7	1	30	3	2	174
			Psychology·Sociology·Education Cultural Anthropology total	8	872	654	134	103	24	344	29	13	2,181
231			Japanese History	1	110	48	6	17	1	31	7	1	222
232			Oriental History	0	74	42	5	5	1	23	3	0	153
233			European History	0	67	41	12	3	1	41	4	1	170
234			Archaeology (inclu. Prehistory)	0	27	27	2	22	0	16	2	0	96
			History total	1	278	158	25	47	3	111	16	2	641
241			Japanese Language	0	55	49	10	4	2	17	0	0	137
242			Japanese Literature	0	96	54	8	4	1	56	5	1	225
243			Chinese Language and Literature	0	49	51	3	1	2	26	0	0	132
244			English Language and Literature	1	243	199	28	11	4	39	0	3	528
245			French Language and Literature	1	68	40	2	3	0	10	0	0	124
246			German Language and Literature	2	121	75	3	2	5	18	0	1	227
247			Other Foreign Languages and Literatures	0	56	44	13	4	1	21	1	0	140
248			Linguistics and Phonetics	0	97	116	30	14	3	52	2	1	315
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	34	31	7	3	0	25	0	1	101
			Literature total	4	819	659	104	46	18	264	8	7	1,929
		ARTS·HUMANITIES Total			15	2,421	1,781	296	236	51	872	62	27
261	L A W	Basic Science of Law	0	54	28	4	3	1	3	0	0	93	
262		Public Law	2	68	35	8	2	1	11	1	0	128	
263		International Law	0	28	13	1	3	0	7	1	0	53	
264		Civil Law	0	95	74	3	6	1	15	0	0	194	
265		Social Law	0	33	12	3	4	0	7	0	0	59	
266		Criminal Law	0	23	21	3	0	0	6	0	0	53	
267		Politics	1	120	83	21	8	0	54	2	2	291	
	LAW Total			3	421	266	43	26	3	103	4	2	871
271	E C O N O M I C S	General Theory of Economics	1	117	97	20	4	3	43	4	2	291	
272		Economical Statistics	0	32	13	2	6	0	7	1	0	61	
273		Economic Policy (inclu. Economic Condition)	0	134	70	15	10	2	28	2	0	261	
274		Economic History	0	66	26	2	3	1	10	0	1	109	
275		Public Finance, Money and Banking	0	54	29	7	1	0	10	0	0	101	
276		Commercial Science	0	21	14	4	1	0	4	0	0	44	
277		Business Administration	0	70	59	8	11	1	21	1	0	171	
278		Accounting	1	51	35	3	1	1	14	0	0	106	
	ECONOMICS Total			2	545	343	61	37	8	137	8	3	1,144
301	S C I E N C E	Algebra	1	112	69	12	26	0	26	3	1	250	
302		Geometry	0	111	64	11	18	3	25	1	1	234	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	113	74	15	36	2	27	1	1	269	
305		Basic Analysis	0	118	59	12	15	3	17	1	1	226	
306		Larger-area Analysis	0	47	41	4	12	1	17	0	0	122	
		Mathematics total	1	501	307	54	107	9	112	6	4	1,101	
311		Astronomy	1	37	36	1	23	1	24	6	0	129	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Physics	1	137	106	13	76	8	89	21	6	457	

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	0	0	0	0	0	0	0	0	0	0
212			Chinese Philosophy	0	0	0	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0	0	0
214			Religion	0	0	0	0	0	0	0	0	0	0
215			Ethics	0	0	0	0	0	0	0	0	0	0
216			History of Philosophy	0	0	0	0	0	0	0	0	0	0
217			Aesthetics (inclu. Arts)	0	7	4	4	1	0	0	0	0	16
218			Art History	0	1	0	0	0	0	0	0	0	1
			Philosophy total	0	8	4	4	1	0	0	0	0	17
221			Experimental Psychology	0	0	1	0	0	0	0	0	0	1
222			Educational and Social	0	0	0	0	0	0	0	0	0	0
223			Sociology	0	1	0	1	0	0	0	0	0	2
224			Education	0	1	0	0	0	0	0	0	0	1
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	0	0	0	0	0	0
			Psychology·Sociology·Education Cultural Anthropology total	0	2	1	1	0	0	0	0	0	4
231			Japanese History	0	1	0	0	0	0	0	0	0	1
232			Oriental History	0	0	0	0	0	0	0	0	0	0
233			European History	0	0	0	0	0	0	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	0	0	0	0	0
			History total	0	1	0	0	0	0	0	0	0	1
241			Japanese Language	0	0	0	0	0	0	0	0	0	0
242			Japanese Literature	0	0	0	0	0	0	0	0	0	0
243			Chinese Language and Literature	0	3	0	0	0	0	0	0	0	3
244			English Language and Literature	0	1	2	0	0	0	0	0	0	3
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	0	0	0	0
248			Linguistics and Phonetics	0	0	0	0	0	0	0	0	0	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0	0	0
			Literature total	0	4	2	0	0	0	0	0	0	6
			ARTS·HUMANITIES Total	0	15	7	5	1	0	0	0	0	28
261	L A W		Basic Science of Law	0	0	1	0	0	0	0	0	0	1
262			Public Law	0	0	0	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0	0	0
264			Civil Law	1	0	0	0	0	0	0	0	0	1
265			Social Law	0	1	0	0	0	0	0	0	0	1
266			Criminal Law	0	0	0	0	0	0	0	0	0	0
267			Politics	0	0	0	0	0	0	0	0	0	0
			LAW Total	1	1	1	0	0	0	0	0	0	3
271	E C O N O M I C S		General Theory of Economics	0	0	1	0	0	0	0	0	0	1
272			Economical Statistics	0	0	0	0	0	0	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	0	0	0	0	0	0	0	0	0
274			Economic History	0	0	0	0	0	0	0	0	0	0
275			Public Finance, Money and Banking	1	0	0	0	0	0	0	0	0	1
276			Commercial Science	0	0	1	0	0	0	0	0	0	1
277			Business Administration	0	1	0	0	0	0	0	0	0	1
278			Accounting	0	1	0	1	0	0	0	0	0	2
			ECONOMICS Total	1	2	2	1	0	0	0	0	0	6
301	S C I E N C E		Algebra	0	0	0	0	0	0	0	0	0	0
302			Geometry	0	0	0	0	0	0	0	0	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	0	0	0	0	0	0	0
305			Basic Analysis	0	1	0	0	0	0	0	0	0	1
306			Larger-area Analysis	0	0	0	0	0	0	0	0	0	0
			Mathematics total	0	1	0	0	0	0	0	0	0	1
311			Astronomy	0	0	0	0	0	0	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	0	10	6	0	0	0	0	0	0	16
212			Chinese Philosophy	0	3	5	1	0	0	0	0	0	9
213			Indian Philosophy (inclu. Buddhist Studies)	0	3	2	0	0	0	0	0	0	5
214			Religion	0	0	2	1	0	0	0	0	0	3
215			Ethics	0	2	0	0	0	0	0	0	0	2
216			History of Philosophy	0	2	2	1	0	0	0	0	0	5
217			Aesthetics (inclu. Arts)	0	0	0	0	1	0	0	0	0	1
218			Art History	0	0	0	0	0	0	0	0	0	0
			Philosophy total	0	20	17	3	1	0	0	0	0	41
221			Experimental Psychology	0	0	0	0	1	0	0	0	0	1
222			Educational and Social	0	0	1	0	0	0	0	0	0	1
223			Sociology	0	0	0	0	0	0	0	0	0	0
224			Education	0	11	11	6	1	0	0	0	0	29
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	0	0	0	0	0	0
			Psychology·Sociology·Education Cultural Anthropology total	0	11	12	6	2	0	0	0	0	31
231			Japanese History	0	13	9	0	0	0	0	0	0	22
232			Oriental History	0	1	6	0	0	0	0	0	0	7
233			European History	0	3	1	3	0	1	0	0	0	8
234			Archaeology (inclu. Prehistory)	0	1	0	0	0	0	0	0	0	1
			History total	0	18	16	3	0	1	0	0	0	38
241			Japanese Language	0	2	2	0	0	0	0	0	0	4
242			Japanese Literature	0	17	26	6	0	0	0	0	0	49
243			Chinese Language and Literature	0	2	4	1	0	0	0	0	0	7
244			English Language and Literature	0	34	47	11	0	0	0	0	0	92
245			French Language and Literature	0	0	2	0	0	0	0	0	0	2
246			German Language and Literature	0	8	4	1	0	0	0	0	0	13
247			Other Foreign Languages and Literatures	0	1	0	0	2	1	0	0	0	4
248			Linguistics and Phonetics	0	4	15	6	0	0	0	0	1	26
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	2	1	0	0	0	0	0	3
			Literature total	0	68	102	26	2	1	0	0	1	200
			ARTS·HUMANITIES Total	0	117	147	38	5	2	0	0	1	310
261	L A W		Basic Science of Law	0	3	0	1	0	0	0	0	0	4
262			Public Law	0	1	2	0	0	1	0	0	0	4
263			International Law	0	2	1	0	1	0	0	0	0	4
264			Civil Law	0	0	1	1	0	0	0	0	0	2
265			Social Law	0	0	0	0	0	0	0	0	0	0
266			Criminal Law	0	0	0	0	0	0	0	0	0	0
267			Politics	0	0	2	2	0	0	0	0	0	4
			LAW Total	0	6	6	4	1	1	0	0	0	18
271	E C O N O M I C S		General Theory of Economics	0	4	2	2	0	0	0	0	0	8
272			Economical Statistics	0	0	0	0	0	0	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	1	2	2	0	0	0	0	0	5
274			Economic History	0	0	0	0	0	0	0	0	0	0
275			Public Finance, Money and Banking	0	0	0	1	0	0	0	0	0	1
276			Commercial Science	0	0	0	1	0	0	0	0	0	1
277			Business Administration	0	0	2	2	1	0	0	0	0	5
278			Accounting	0	0	0	0	0	0	0	0	0	0
			ECONOMICS Total	0	5	6	8	1	0	0	0	0	20
301	S C I E N C E		Algebra	0	12	17	6	2	0	0	0	0	37
302			Geometry	0	15	19	10	1	0	0	0	0	45
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	23	14	4	0	0	0	0	1	42
305			Basic Analysis	0	15	12	4	0	0	0	0	0	31
306			Larger-area Analysis	0	4	3	2	0	0	0	0	0	9
			Mathematics total	0	69	65	26	3	0	0	0	1	164
311			Astronomy	0	1	4	0	0	0	0	0	0	5
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	9	6	2	1	0	0	0	0	18

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	0	0	0	0	0	0	0	0	0	0
212			Chinese Philosophy	0	0	0	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	1	0	0	0	0	0	0	0	1
214			Religion	0	0	0	0	1	0	0	0	0	1
215			Ethics	0	0	0	0	0	0	0	0	0	0
216			History of Philosophy	0	0	0	0	0	0	0	0	0	0
217			Aesthetics (inclu. Arts)	0	0	1	0	0	0	0	0	0	1
218			Art History	0	1	0	0	1	0	0	0	0	2
			Philosophy total	0	2	1	0	2	0	0	0	0	5
221			Experimental Psychology	0	3	2	0	0	0	0	0	0	5
222			Educational and Social	0	3	3	0	0	0	0	0	0	6
223			Sociology	0	1	1	1	1	1	0	0	0	5
224			Education	0	4	5	0	3	1	0	1	0	14
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	7	6	0	5	1	1	2	0	22
			Psychology·Sociology·Education Cultural Anthropology total	0	18	17	1	9	3	1	3	0	52
231			Japanese History	0	4	4	0	0	0	0	0	0	8
232			Oriental History	0	0	1	0	0	0	0	0	0	1
233			European History	0	1	0	0	0	0	0	0	0	1
234			Archaeology (inclu. Prehistory)	0	4	2	0	2	0	0	0	0	8
			History total	0	9	7	0	2	0	0	0	0	18
241			Japanese Language	0	0	0	0	0	0	0	0	0	0
242			Japanese Literature	0	1	0	0	1	1	0	1	0	4
243			Chinese Language and Literature	0	1	0	0	0	0	0	0	0	1
244			English Language and Literature	0	0	0	0	0	0	0	0	0	0
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	0	0	0	0
248			Linguistics and Phonetics	0	1	0	0	1	0	0	0	0	2
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	1	0	0	0	0	1
			Literature total	0	3	0	0	3	1	0	1	0	8
			ARTS·HUMANITIES Total	0	32	25	1	16	4	1	4	0	83
261	L A W		Basic Science of Law	0	0	0	0	1	0	0	0	0	1
262			Public Law	0	0	0	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0	0	0
264			Civil Law	0	0	1	0	0	0	0	0	0	1
265			Social Law	0	0	0	0	0	0	0	0	0	0
266			Criminal Law	0	0	0	0	0	0	0	0	0	0
267			Politics	0	0	1	0	0	0	0	0	0	1
			LAW Total	0	0	2	0	1	0	0	0	0	3
271	E C O N O M I C S		General Theory of Economics	0	0	0	0	0	0	0	0	0	0
272			Economical Statistics	0	0	0	0	0	0	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	0	1	0	0	0	0	0	0	1
274			Economic History	0	1	0	0	0	0	0	0	0	1
275			Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0
276			Commercial Science	0	0	0	0	0	0	0	0	0	0
277			Business Administration	0	0	0	0	0	0	0	0	0	0
278			Accounting	0	0	0	0	0	0	0	0	0	0
			ECONOMICS Total	0	1	1	0	0	0	0	0	0	2
301	S C I E N C E		Algebra	0	0	0	0	0	0	0	0	0	0
302			Geometry	0	0	0	0	0	0	0	0	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	3	2	0	1	0	0	0	0	6
305			Basic Analysis	0	0	0	0	0	0	0	0	0	0
306			Larger-area Analysis	0	0	0	0	0	0	0	0	0	0
			Mathematics total	0	3	2	0	1	0	0	0	0	6
311			Astronomy	0	11	12	0	26	0	1	2	0	52
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	17	32	0	18	2	0	1	0	70

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Government research institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	0	0	0	0	0	1	0	0	0	1
212			Chinese Philosophy	0	0	0	0	0	1	0	0	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0	0	0
214			Religion	0	0	0	0	0	0	0	0	0	0
215			Ethics	0	0	0	0	0	1	0	0	0	1
216			History of Philosophy	0	0	0	0	0	0	0	0	0	0
217			Aesthetics (inclu. Arts)	0	0	0	0	0	5	0	0	0	5
218			Art History	0	0	0	0	0	28	0	0	0	28
			Philosophy total	0	0	0	0	0	36	0	0	0	36
221			Experimental Psychology	0	0	0	0	0	1	0	0	0	1
222			Educational and Social	0	0	0	0	0	18	0	0	0	18
223			Sociology	0	0	0	0	0	2	0	0	1	3
224			Education	0	0	0	0	0	38	0	0	0	38
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	0	4	0	0	0	4
			Psychology·Sociology·Education Cultural Anthropology total	0	0	0	0	0	63	0	0	1	64
231			Japanese History	0	0	0	0	0	3	0	0	0	3
232			Oriental History	0	0	0	0	0	1	0	0	0	1
233			European History	0	0	0	0	0	1	0	0	0	1
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	5	0	0	0	5
			History total	0	0	0	0	0	10	0	0	0	10
241			Japanese Language	0	0	0	0	0	9	0	0	0	9
242			Japanese Literature	0	0	0	0	0	1	0	0	0	1
243			Chinese Language and Literature	0	0	0	0	0	0	0	0	0	0
244			English Language and Literature	0	0	0	0	0	1	0	0	0	1
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	0	0	0	0
248			Linguistics and Phonetics	0	0	0	0	0	9	0	0	0	9
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0	0	0
			Literature total	0	0	0	0	0	20	0	0	0	20
			ARTS·HUMANITIES Total	0	0	0	0	0	129	0	0	1	130
261	L A W		Basic Science of Law	0	0	0	0	0	0	0	0	0	0
262			Public Law	0	0	0	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0	0	0
264			Civil Law	0	0	0	0	0	0	0	0	0	0
265			Social Law	0	0	0	0	0	0	0	0	0	0
266			Criminal Law	0	0	0	0	0	0	0	0	0	0
267			Politics	0	0	0	0	0	1	0	0	0	1
			LAW Total	0	0	0	0	0	1	0	0	0	1
271	E C O N O M I C S		General Theory of Economics	0	0	0	0	0	0	0	0	0	0
272			Economical Statistics	0	0	0	0	0	0	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	0	0	0	0	0	0	0	0	0
274			Economic History	0	0	0	0	0	0	0	0	0	0
275			Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0
276			Commercial Science	0	0	0	0	0	0	0	0	0	0
277			Business Administration	0	0	0	0	0	0	0	0	0	0
278			Accounting	0	0	0	0	0	0	0	0	0	0
			ECONOMICS Total	0	0	0	0	0	0	0	0	0	0
301	S C I E N C E		Algebra	0	0	0	0	0	0	0	0	0	0
302			Geometry	0	0	0	0	0	0	0	0	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	0	0	0	0	0	0	0
305			Basic Analysis	0	0	0	0	0	0	0	0	0	0
306			Larger-area Analysis	0	0	0	0	0	0	0	0	0	0
			Mathematics total	0	0	0	0	0	0	0	0	0	0
311			Astronomy	0	0	0	0	0	2	0	0	0	2
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	0	1	0	0	0	1

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	0	110	63	4	5	2	34	4	0	222
212			Chinese Philosophy	0	31	24	2	4	1	4	2	0	68
213			Indian Philosophy (inclu. Buddhist Studies)	0	18	14	0	1	1	7	0	2	43
214			Religion	0	21	9	2	2	1	10	1	1	47
215			Ethics	0	39	21	1	0	1	14	0	0	76
216			History of Philosophy	0	30	23	5	4	0	19	2	0	83
217			Aesthetics (inclu. Arts)	2	197	130	23	22	7	46	0	1	428
218			Art History	0	36	48	3	6	29	19	0	1	142
		Philosophy total	2	482	332	40	44	42	153	9	5	1,109	
221			Experimental Psychology	0	109	67	6	26	5	31	6	1	251
222			Educational and Social	3	241	187	42	30	30	114	5	4	656
223			Sociology	0	133	110	26	21	4	75	8	3	380
224			Education	5	359	247	58	25	45	94	8	4	845
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	61	73	10	12	6	31	5	2	200
		Psychology·Sociology·Education Cultural Anthropology total	8	903	684	142	114	90	345	32	14	2,332	
231			Japanese History	1	128	61	6	17	4	31	7	1	256
232			Oriental History	0	75	49	5	5	2	23	3	0	162
233			European History	0	71	42	15	3	3	41	4	1	180
234			Archaeology (inclu. Prehistory)	0	32	29	2	24	5	16	2	0	110
		History total	1	306	181	28	49	14	111	16	2	708	
241			Japanese Language	0	57	51	10	4	11	17	0	0	150
242			Japanese Literature	0	114	80	14	5	3	56	6	1	279
243			Chinese Language and Literature	0	55	55	4	1	2	26	0	0	143
244			English Language and Literature	1	278	248	39	11	5	39	0	3	624
245			French Language and Literature	1	68	42	2	3	0	10	0	0	126
246			German Language and Literature	2	129	79	4	2	5	18	0	1	240
247			Other Foreign Languages and Literatures	0	57	44	13	6	2	21	1	0	144
248			Linguistics and Phonetics	0	102	131	36	15	12	52	2	2	352
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	34	33	8	4	0	25	0	1	105
		Literature total	4	894	763	130	51	40	264	9	8	2,163	
		ARTS·HUMANITIES Total	15	2,585	1,960	340	258	186	873	66	29	6,312	
261	L A W	Basic Science of Law	0	57	29	5	4	1	3	0	0	99	
262		Public Law	2	69	37	8	2	2	11	1	0	132	
263		International Law	0	30	14	1	4	0	7	1	0	57	
264		Civil Law	1	95	76	4	6	1	15	0	0	198	
265		Social Law	0	34	12	3	4	0	7	0	0	60	
266		Criminal Law	0	23	21	3	0	0	6	0	0	53	
267		Politics	1	120	86	23	8	1	54	2	2	297	
	LAW Total	4	428	275	47	28	5	103	4	2	896		
271	E C O N O M I C S	General Theory of Economics	1	121	100	22	4	3	43	4	2	300	
272		Economical Statistics	0	32	13	2	6	0	7	1	0	61	
273		Economic Policy (inclu. Economic Condition)	0	135	73	17	10	2	28	2	0	267	
274		Economic History	0	67	26	2	3	1	10	0	1	110	
275		Public Finance, Money and Banking	1	54	29	8	1	0	10	0	0	103	
276		Commercial Science	0	21	15	5	1	0	4	0	0	46	
277		Business Administration	0	71	61	10	12	1	21	1	0	177	
278		Accounting	1	52	35	4	1	1	14	0	0	108	
	ECONOMICS Total	3	553	352	70	38	8	137	8	3	1,172		
301	S C I E N C E	Algebra	1	124	86	18	28	0	26	3	1	287	
302		Geometry	0	126	83	21	19	3	25	1	1	279	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	139	90	19	37	2	27	1	2	317	
305		Basic Analysis	0	134	71	16	15	3	17	1	1	258	
306		Larger-area Analysis	0	51	44	6	12	1	17	0	0	131	
		Mathematics total	1	574	374	80	111	9	112	6	5	1,272	
311		Astronomy	1	49	52	1	49	3	25	8	0	188	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Physics	1	163	144	15	95	11	89	22	6	546	

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	91	65	7	60	2	24	3	1	254
323			Solid-State Physics II (Magnetism, Metal Physics,	0	112	73	7	66	2	39	7	1	307
324			Physical Properties in General (inclu. Basic Theories)	1	64	48	10	38	2	26	1	1	191
325			Physics in General	0	57	57	5	47	2	20	4	1	193
			Physics total	3	461	349	42	287	16	198	36	10	1,402
331			Physics of Solid Earth	0	50	57	3	44	1	33	9	0	197
332			Meteorology, Oceanography and Hydrology	0	78	53	3	36	4	50	4	1	229
333			Aeronomy	0	16	10	1	12	1	17	2	0	59
334			Geology	0	56	28	4	10	1	24	7	1	131
335			Stratigraphy and Paleontology	0	16	25	2	12	0	13	3	0	71
336			Mineralogy, Petrology and Study of Mineral Deposit	2	60	48	6	22	2	21	7	0	168
337			Geochemistry	0	39	24	3	18	0	26	6	0	116
			Earth Science total	2	315	245	22	154	9	184	38	2	971
341			Physical Chemistry	1	114	99	15	86	4	73	6	1	399
342			Organic Chemistry	0	109	87	6	65	2	54	5	3	331
343			Inorganic Chemistry	0	64	51	5	46	2	44	4	0	216
344			Function, Properties and Materials in Chemistry	0	47	43	2	54	2	33	2	1	184
345			Substance Transformation	1	4	11	1	9	0	4	0	0	30
346			Separation, Refining and Identification	1	46	28	0	23	0	21	3	1	123
			Chemistry total	3	384	319	29	283	10	229	20	6	1,283
351			Genetics	1	37	35	6	34	2	65	8	0	188
352			Ecology	0	84	81	10	43	8	82	20	4	332
353			Plant Physiology	0	48	38	4	35	2	55	10	1	193
354			Morphology, Structure of Organism	0	31	16	6	9	3	35	6	0	106
355			Animal Physiology and	0	31	33	5	21	0	39	0	0	129
356			Morphology and Taxonomy	0	51	39	2	26	6	18	5	0	147
			Biology total	1	282	242	33	168	21	294	49	5	1,095
361			Physical Anthropology (inclu. Physiological Anthropology)	0	17	7	7	10	0	15	2	1	59
			SCIENCE Total	11	1,997	1,505	188	1,032	66	1,056	157	28	6,040
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	56	40	9	34	1	31	2	0	173
402			Surface Physics	0	32	34	4	24	2	25	3	0	124
403			Applied Optics and Quantum Optics	0	54	28	8	32	4	39	3	2	170
404			General Applied Physics	0	28	25	6	18	1	10	1	0	89
405			Fundamentals of Engineering	0	15	16	3	15	1	10	1	0	61
			Applied Physics·Fundamentals of Engineering total	0	185	143	30	123	9	115	10	2	617
411			Materials for Machines and Strength of Materials	0	90	58	11	55	3	37	2	1	257
412			Workshop Processes and Production Engineering	0	57	47	11	38	1	24	0	0	178
413			Design Engineering, Machine Elements and Tribology	0	40	33	1	36	1	22	0	0	133
414			Fluid Mechanics	1	67	59	11	59	2	54	1	1	255
415			Heat Engineering	3	82	69	10	52	2	37	1	0	256
416			Mechanics and Control Engineering	0	56	45	8	44	2	24	2	0	181
417			Intelligent Mechanics and Machine System	1	67	51	15	55	1	64	1	1	256
			Machine Engineering total	5	459	362	67	339	12	262	7	3	1,516
421			Electric Power Engineering and Electric Machinery	0	69	48	6	38	1	51	0	1	214
422			Electronic and Electric Materials Engineering	0	86	54	8	57	6	57	3	2	273
423			Electron Devices and Apparatus Engineering	0	78	69	7	43	1	58	3	0	259
424			Information and Communication Engineering	1	144	111	26	110	9	113	2	3	519

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	0	0	0	0	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	0	1	0	0	0	0	0	0	0	1
324			Physical Properties in General (inclu. Basic Theories)	0	1	0	0	1	0	0	0	0	2
325			Physics in General	0	0	0	0	0	0	0	0	0	0
			Physics total	0	2	0	0	1	0	0	0	0	3
331			Physics of Solid Earth	0	0	0	0	0	0	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	0	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	0	0	0	0	0	0	0	0	0
341			Physical Chemistry	0	0	0	0	0	0	0	0	0	0
342			Organic Chemistry	0	0	0	0	0	0	0	0	0	0
343			Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
344			Function, Properties and Materials in Chemistry	0	0	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	1	0	0	0	0	0	0	0	1
			Chemistry total	0	1	0	0	0	0	0	0	0	1
351			Genetics	0	0	0	0	0	0	0	0	0	0
352			Ecology	0	0	0	0	0	0	0	0	0	0
353			Plant Physiology	0	0	0	0	0	0	0	0	0	0
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0	0	0
355			Animal Physiology and	0	0	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	0	0	0	0	0	0	0	0	0	0
			Biology total	0	0	0	0	0	0	0	0	0	0
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
			SCIENCE Total	0	4	0	0	1	0	0	0	0	5
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	0	0	0	0	0
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0	0	0	0	0	0	0
404			General Applied Physics	0	0	1	0	0	0	0	0	0	1
405			Fundamentals of Engineering	0	0	0	0	0	0	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	0	0	1	0	0	0	0	0	0	1
411			Materials for Machines and Strength of Materials	0	0	0	0	0	0	0	0	0	0
412			Workshop Processes and Production Engineering	0	0	0	0	0	0	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	0	0	1	0	0	0	0	0	0	1
414			Fluid Mechanics	0	1	0	0	0	0	0	0	0	1
415			Heat Engineering	0	0	1	0	0	0	0	0	0	1
416			Mechanics and Control Engineering	0	0	0	0	0	0	0	0	0	0
417			Intelligent Mechanics and Machine System	0	0	0	0	0	0	0	0	0	0
			Machine Engineering total	0	1	2	0	0	0	0	0	0	3
421			Electric Power Engineering and Electric Machinery	0	0	0	0	0	0	0	0	0	0
422			Electronic and Electric Materials Engineering	0	0	0	0	0	0	0	0	0	0
423			Electron Devices and Apparatus Engineering	0	0	1	0	0	0	0	0	0	1
424			Information and Communication Engineering	0	3	0	0	0	0	0	0	0	3

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	7	8	1	2	1	0	0	0	19
323			Solid-State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	1	10	8	2	0	0	0	0	0	21
324			Physics in General	0	8	5	0	0	0	0	0	0	13
325			Physics total	1	42	35	6	3	1	0	0	0	88
331			Physics of Solid Earth	0	0	1	0	0	0	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	6	4	0	0	1	0	0	0	11
333			Aeronomy	0	1	1	0	0	0	0	0	0	2
334			Geology	0	0	2	0	0	0	0	0	0	2
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	1	0	1	0	0	0	0	0	2
			Earth Science total	0	8	8	1	0	1	0	0	0	18
341			Physical Chemistry	1	10	4	1	2	0	0	0	0	18
342			Organic Chemistry	0	13	6	0	0	0	0	0	0	19
343			Inorganic Chemistry	0	4	4	3	0	0	0	0	0	11
344			Function, Properties and Materials in Chemistry	0	3	5	1	2	0	0	0	0	11
345			Substance Transformation	0	0	1	0	0	0	0	0	0	1
346			Separation, Refining and Identification	0	4	5	0	0	0	0	0	0	9
			Chemistry total	1	34	25	5	4	0	0	0	0	69
351			Genetics	0	0	0	0	0	0	0	0	0	0
352			Ecology	0	0	0	0	0	0	0	0	0	0
353			Plant Physiology	0	0	0	1	1	0	0	0	0	2
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0	0	0
355			Animal Physiology and	0	0	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	0	0	1	0	0	0	0	0	0	1
			Biology total	0	0	1	1	1	0	0	0	0	3
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
	SCIENCE Total			2	154	138	39	11	2	0	0	1	347
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	3	4	1	2	0	0	0	0	10
402			Surface Physics	0	4	3	1	1	0	0	0	0	9
403			Applied Optics and Quantum Optics	0	9	6	1	0	1	0	0	0	17
404			General Applied Physics	0	7	6	1	1	1	0	0	0	16
405			Fundamentals of Engineering	0	3	6	2	1	0	0	0	0	12
			Applied Physics·Fundamentals of Engineering total	0	26	25	6	5	2	0	0	0	64
411			Materials for Machines and Strength of Materials	0	37	22	5	2	1	0	0	0	67
412			Workshop Processes and Production Engineering	0	29	16	2	6	0	0	0	0	53
413			Design Engineering, Machine Elements and Tribology	0	7	14	4	5	0	0	0	0	30
414			Fluid Mechanics	0	29	28	5	10	0	0	0	0	72
415			Heat Engineering	0	26	23	4	4	1	0	0	0	58
416			Mechanics and Control Engineering	0	24	17	8	13	0	0	0	1	63
417			Intelligent Mechanics and Machine System	0	11	16	1	6	0	0	0	0	34
			Machine Engineering total	0	163	136	29	46	2	0	0	1	377
421			Electric Power Engineering and Electric Machinery	0	42	24	6	8	0	0	0	0	80
422			Electronic and Electric Materials Engineering	0	21	20	5	6	2	0	0	0	54
423			Electron Devices and Apparatus Engineering	0	33	14	7	6	0	0	0	0	60
424			Information and Communication Engineering	0	41	47	11	16	0	0	0	0	115

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	1	2	0	3	0	0	1	0	7
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	2	0	3	0	1	0	0	6
324			Physical Properties in General (inclu. Basic Theories)	0	2	3	0	5	0	0	1	0	11
325			Physics in General	0	6	7	0	7	0	0	3	0	23
			Physics total	0	26	46	0	36	2	1	6	0	117
331			Physics of Solid Earth	0	5	3	0	4	0	0	2	0	14
332			Meteorology, Oceanography and Hydrology	0	4	4	0	4	0	0	0	0	12
333			Aeronomy	0	3	2	0	2	0	0	0	0	7
334			Geology	0	0	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	0	0	1	0	0	0	0	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	1	1	0	0	0	2
337			Geochemistry	0	0	1	0	1	0	0	0	0	2
			Earth Science total	0	12	11	0	12	1	0	2	0	38
341			Physical Chemistry	0	10	7	0	11	1	0	8	0	37
342			Organic Chemistry	0	1	2	0	3	0	0	2	0	8
343			Inorganic Chemistry	0	1	2	0	3	0	0	1	0	7
344			Function, Properties and Materials in Chemistry	0	2	1	0	3	1	0	0	0	7
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	2	0	1	0	0	0	0	3
			Chemistry total	0	14	14	0	21	2	0	11	0	62
351			Genetics	0	4	3	0	4	0	0	5	2	18
352			Ecology	0	4	2	0	1	0	0	0	0	7
353			Plant Physiology	0	2	2	0	4	0	2	2	0	12
354			Morphology, Structure of Organism	0	2	2	0	3	0	0	0	0	7
355			Animal Physiology and	1	0	1	0	0	0	0	0	0	2
356			Morphology and Taxonomy	0	1	0	0	1	0	0	0	0	2
			Biology total	1	13	10	0	13	0	2	7	2	48
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	1	0	0	0	0	1
			SCIENCE Total	1	79	95	0	110	5	4	28	2	324
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	1	0	0	0	0	0	0	0	1
402			Surface Physics	0	0	0	0	1	0	0	0	0	1
403			Applied Optics and Quantum Optics	0	1	0	0	2	1	1	0	0	5
404			General Applied Physics	0	1	1	0	3	0	0	1	0	6
405			Fundamentals of Engineering	0	1	1	0	0	0	0	0	0	2
			Applied Physics·Fundamentals of Engineering total	0	4	2	0	6	1	1	1	0	15
411			Materials for Machines and Strength of Materials	0	0	1	0	1	0	0	0	0	2
412			Workshop Processes and Production Engineering	0	1	0	0	0	0	0	0	0	1
413			Design Engineering, Machine Elements and Tribology	0	0	1	0	1	0	0	0	0	2
414			Fluid Mechanics	0	0	0	0	1	0	0	0	0	1
415			Heat Engineering	0	1	1	0	3	0	0	0	0	5
416			Mechanics and Control Engineering	0	0	1	0	1	0	0	0	0	2
417			Intelligent Mechanics and Machine System	0	0	1	0	0	1	0	0	0	2
			Machine Engineering total	0	2	5	0	7	1	0	0	0	15
421			Electric Power Engineering and Electric Machinery	0	3	2	0	2	0	0	0	0	7
422			Electronic and Electric Materials Engineering	0	0	0	0	2	0	0	0	0	2
423			Electron Devices and Apparatus Engineering	0	0	2	0	1	0	0	0	0	3
424			Information and Communication Engineering	0	4	5	0	3	1	0	0	0	13

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Government research institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	0	0	0	0	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	0	0	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	0	0	0	0	0	0
325			Physics in General	0	0	0	0	0	0	0	0	0	0
			Physics total	0	0	0	0	0	1	0	0	0	1
331			Physics of Solid Earth	0	0	0	0	0	0	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	0	0	0	0	3	0	0	0	3
335			Stratigraphy and Paleontology	0	0	0	0	0	3	0	0	0	3
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	2	0	0	0	2
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	0	0	0	0	8	0	0	0	8
341			Physical Chemistry	0	0	0	0	0	1	0	0	0	1
342			Organic Chemistry	0	0	0	0	0	0	0	0	0	0
343			Inorganic Chemistry	0	0	0	0	0	1	0	0	0	1
344			Function, Properties and Materials in Chemistry	0	0	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	0	0	0	0	0	0	0	0
			Chemistry total	0	0	0	0	0	2	0	0	0	2
351			Genetics	0	0	0	0	0	1	0	0	0	1
352			Ecology	0	0	0	0	0	3	0	0	0	3
353			Plant Physiology	0	0	0	0	0	0	0	0	0	0
354			Morphology, Structure of Organism	0	0	0	0	0	2	0	0	0	2
355			Animal Physiology and	0	0	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	0	0	0	0	0	22	0	0	0	22
			Biology total	0	0	0	0	0	28	0	0	0	28
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
	SCIENCE Total			0	0	0	0	0	41	0	0	0	41
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	0	0	0	0	0
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0	0	0	0	0	0	0
404			General Applied Physics	0	0	0	0	0	0	0	0	0	0
405			Fundamentals of Engineering	0	0	0	0	0	0	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	0	0	0	0	0	0	0	0	0	0
411			Materials for Machines and Strength of Materials	0	0	0	0	0	0	0	0	0	0
412			Workshop Processes and Production Engineering	0	0	0	0	0	0	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	0	0	0	0	0	0	0	0	0	0
414			Fluid Mechanics	0	0	0	0	0	0	0	0	0	0
415			Heat Engineering	0	0	0	0	0	0	0	0	0	0
416			Mechanics and Control Engineering	0	0	0	0	0	0	0	0	0	0
417			Intelligent Mechanics and Machine System	0	0	0	0	0	1	0	0	0	1
			Machine Engineering total	0	0	0	0	0	1	0	0	0	1
421			Electric Power Engineering and Electric Machinery	0	0	0	0	0	0	0	0	0	0
422			Electronic and Electric Materials Engineering	0	0	0	0	0	0	0	0	0	0
423			Electron Devices and Apparatus Engineering	0	0	0	0	0	0	0	0	0	0
424			Information and Communication Engineering	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	99	75	8	65	3	24	4	1	280
323			Solid-State Physics II (Magnetism, Metal Physics,	1	123	83	9	69	2	40	7	1	335
324			Physical Properties in General (inclu. Basic Theories)	1	75	56	10	44	2	26	2	1	217
325			Physics in General	0	71	72	6	54	2	20	7	1	233
			Physics total	4	531	430	48	327	20	199	42	10	1,611
331			Physics of Solid Earth	0	55	61	3	48	1	33	11	0	212
332			Meteorology, Oceanography and Hydrology	0	88	61	3	40	5	50	4	1	252
333			Aeronomy	0	20	13	1	14	1	17	2	0	68
334			Geology	0	56	30	4	10	4	24	7	1	136
335			Stratigraphy and Paleontology	0	16	26	2	12	3	13	3	0	75
336			Mineralogy, Petrology and Study of Mineral Deposit	2	60	48	6	23	5	21	7	0	172
337			Geochemistry	0	40	25	4	19	0	26	6	0	120
			Earth Science total	2	335	264	23	166	19	184	40	2	1,035
341			Physical Chemistry	2	134	110	16	99	6	73	14	1	455
342			Organic Chemistry	0	123	95	6	68	2	54	7	3	358
343			Inorganic Chemistry	0	69	57	8	49	3	44	5	0	235
344			Function, Properties and Materials in Chemistry	0	52	49	3	59	3	33	2	1	202
345			Substance Transformation	1	4	12	1	9	0	4	0	0	31
346			Separation, Refining and Identification	1	51	35	0	24	0	21	3	1	136
			Chemistry total	4	433	358	34	308	14	229	31	6	1,417
351			Genetics	1	41	38	6	38	3	65	13	2	207
352			Ecology	0	88	83	10	44	11	82	20	4	342
353			Plant Physiology	0	50	40	5	40	2	57	12	1	207
354			Morphology, Structure of Organism	0	33	18	6	12	5	35	6	0	115
355			Animal Physiology and	1	31	34	5	21	0	39	0	0	131
356			Morphology and Taxonomy	0	52	40	2	27	28	18	5	0	172
			Biology total	2	295	253	34	182	49	296	56	7	1,174
361			Physical Anthropology (inclu. Physiological Anthropology)	0	17	7	7	11	0	15	2	1	60
			SCIENCE Total	14	2,234	1,738	227	1,154	114	1,060	185	31	6,757
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	60	44	10	36	1	31	2	0	184
402			Surface Physics	0	36	37	5	26	2	25	3	0	134
403			Applied Optics and Quantum Optics	0	64	34	9	34	6	40	3	2	192
404			General Applied Physics	0	36	33	7	22	2	10	2	0	112
405			Fundamentals of Engineering	0	19	23	5	16	1	10	1	0	75
			Applied Physics·Fundamentals of Engineering total	0	215	171	36	134	12	116	11	2	697
411			Materials for Machines and Strength of Materials	0	127	81	16	58	4	37	2	1	326
412			Workshop Processes and Production Engineering	0	87	63	13	44	1	24	0	0	232
413			Design Engineering, Machine Elements and Tribology	0	47	49	5	42	1	22	0	0	166
414			Fluid Mechanics	1	97	87	16	70	2	54	1	1	329
415			Heat Engineering	3	109	94	14	59	3	37	1	0	320
416			Mechanics and Control Engineering	0	80	63	16	58	2	24	2	1	246
417			Intelligent Mechanics and Machine System	1	78	68	16	61	3	64	1	1	293
			Machine Engineering total	5	625	505	96	392	16	262	7	4	1,912
421			Electric Power Engineering and Electric Machinery	0	114	74	12	48	1	51	0	1	301
422			Electronic and Electric Materials Engineering	0	107	74	13	65	8	57	3	2	329
423			Electron Devices and Apparatus Engineering	0	111	86	14	50	1	58	3	0	323
424			Information and Communication Engineering	1	192	163	37	129	10	113	2	3	650

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425			System Engineering	1	38	23	4	18	1	33	0	1	119
427			Electronic Measurements	0	57	52	13	33	1	34	1	2	193
428			Control Engineering	0	64	56	11	32	0	41	1	2	207
			Electric and Electronic Engineering	2	536	413	75	331	19	387	10	11	1,784
431			Construction Materials and Dynamics in General Civil Engineering	0	33	20	3	17	1	19	1	0	94
432			Structural Engineering and Seismology	0	53	29	3	29	3	34	1	1	153
433			Ground Engineering	2	49	51	3	32	5	36	1	0	179
434			Hydraulics and River Engineering	2	57	53	4	34	2	31	1	0	184
435			Traffic Engineering and Regional Planning	0	43	29	3	24	3	23	2	0	127
436			Civil Environmental System	0	35	29	6	20	1	44	3	3	141
			Civil Engineering total	4	270	211	22	156	15	187	9	4	878
441	E		Building Structure and Materials	0	76	44	5	37	0	42	0	2	206
442	N		Building Science and Building Equipment	0	31	17	4	12	0	31	0	1	96
443	G		City Planning and Building Planning	0	76	51	11	45	2	68	3	1	257
444	I		Architectural History and Design	0	25	28	5	21	1	40	1	0	121
			Architecture total	0	208	140	25	115	3	181	4	4	680
451	N		Physical Metallurgy	0	38	37	5	35	3	19	3	0	140
452	E		Inorganic Materials and	1	66	56	4	62	2	54	1	1	247
453	E		Composed Materials and Properties	0	21	14	0	21	0	18	1	1	76
454	E		Structural and Functional Materials	0	47	42	5	37	1	38	4	1	175
455	R		Metallurgy and Material	0	57	45	5	40	3	25	1	2	178
456	I		Metal Productive Engineering	0	32	18	2	28	1	12	1	0	94
			Material Engineering total	1	261	212	21	223	10	166	11	5	910
461	N		Chemical Engineering in General	0	53	31	7	44	0	33	2	0	170
462	G		Reaction and Separation Engineering	0	33	23	2	27	0	24	0	0	109
463			Catalyst and Chemical Process	0	31	21	2	21	0	19	3	0	97
464			Bioengineering	0	39	38	6	35	4	51	1	2	176
465			Industrial Analytical Chemistry	0	21	16	4	16	1	14	0	1	73
			Process Engineering total	0	177	129	21	143	5	141	6	3	625
471			Industrial Physical Chemistry	1	58	37	3	30	1	21	1	1	153
472			Industrial Inorganic Chemistry	0	24	9	4	14	2	8	1	0	62
473			Industrial Organic Chemistry	0	26	14	2	9	1	5	0	0	57
474			Synthetic Chemistry	0	53	43	1	49	0	44	4	1	195
475			Polymer Synthesis	0	47	32	3	31	3	43	1	0	160
476			Polymer Structure and Property (inclu. Fiber)	1	52	39	2	38	2	29	3	1	167
			Industrial Chemistry total	2	260	174	15	171	9	150	10	3	794
481			Aeronautics	0	28	18	3	18	1	20	0	0	88
482			Ship Engineering	4	23	21	2	14	0	9	0	0	73
483			Marine Engineering	0	6	8	2	5	1	8	1	0	31
484			Resource Development Engineering	0	29	16	1	22	0	15	1	0	84
			Synthetic Engineering total	4	86	63	8	59	2	52	2	0	276
			ENGINEERING Total	18	2,442	1,847	284	1,660	84	1,641	69	35	8,080
501	A		Plant Breeding	0	21	27	2	15	1	26	3	0	95
502	G		Crop Science	0	24	25	7	13	2	12	0	0	83
503	R		Horticulture and Landscape Architecture	0	75	39	5	33	2	28	3	1	186
504	I		Plant Protection	1	47	34	8	21	5	33	0	0	149
505	C		Sericultural Science and Economic Entomology	0	11	12	0	7	1	9	0	0	40
			Agriculture total	1	178	137	22	89	11	108	6	1	553
511	U		Plant Fertilizer and Manure and Soil Science	0	44	36	2	16	1	23	1	0	123
512	R		Applied Microbiochemistry and Applied Biochemistry	1	96	57	12	34	4	90	8	2	304
513			Biological Productive Chemistry and Bioorganic Chemistry	0	36	23	4	13	0	17	2	1	96
514			Food Science and Nutritional Chemistry	0	70	59	5	24	7	53	2	0	220

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425			System Engineering	0	0	0	0	1	0	0	0	0	1
427			Electronic Measurements	0	1	0	0	0	0	0	0	0	1
428			Control Engineering	0	0	0	0	0	0	0	0	0	0
			Electric and Electronic Engineering	0	4	1	0	1	0	0	0	0	6
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	0	0	0	0	0
434			Hydraulics and River Engineering	0	0	0	0	0	0	0	0	0	0
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	0	0	0	0	0	0	0	0	0
441	E		Building Structure and Materials	0	0	0	0	0	0	0	0	0	0
442	N		Building Science and Building Equipment	0	1	1	0	1	0	0	0	0	3
443	G		City Planning and Building Planning	0	0	0	1	0	0	0	0	0	1
444	I		Architectural History and Design	0	1	0	0	0	0	0	0	0	1
			Architecture total	0	2	1	1	1	0	0	0	0	5
451	N		Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453	E		Composed Materials and Properties	0	0	0	0	0	0	0	0	0	0
454	E		Structural and Functional Materials	0	0	0	0	0	0	0	0	0	0
455	R		Metallurgy and Material	0	1	0	0	0	0	0	0	0	1
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	1	0	0	0	0	0	0	0	1
461	I		Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462	N		Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463	G		Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	0	0	0	0	0	0	0	0
471			Industrial Physical Chemistry	0	0	0	0	1	0	0	0	0	1
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	1	0	0	0	0	0	0	0	1
474			Synthetic Chemistry	0	0	0	0	0	0	0	0	0	0
475			Polymer Synthesis	0	0	0	0	0	0	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	0	0	0	0	0	0
			Industrial Chemistry total	0	1	0	0	1	0	0	0	0	2
481			Aeronautics	0	0	0	0	0	0	0	0	0	0
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	0	0	0	0	0	0	0
			ENGINEERING Total	0	9	5	1	3	0	0	0	0	18
501	A		Plant Breeding	0	0	0	0	0	0	0	0	0	0
502	G		Crop Science	0	0	0	0	0	0	0	0	0	0
503	R		Horticulture and Landscape Architecture	0	0	0	0	0	0	0	0	0	0
504	I		Plant Protection	0	0	0	0	0	0	0	0	0	0
505	C		Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	0	0	0	0	0	0	0	0	0
511	U		Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	0	0	0	0	0
512	L		Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	0	0	0	0	0
513	T		Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0	0
514	R		Food Science and Nutritional Chemistry	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	0	5	3	3	4	1	0	0	0	16
427			Electronic Measurements	0	20	23	4	7	2	0	0	1	57
428			Control Engineering	0	16	18	9	10	1	0	0	1	55
			Electric and Electronic Engineering	0	178	149	45	57	6	0	0	2	437
431			Construction Materials and Dynamics in General Civil Engineering	0	13	12	0	1	0	0	0	0	26
432			Structural Engineering and Seismology	0	9	10	3	4	1	0	0	0	27
433			Ground Engineering	0	16	9	3	1	2	0	0	0	31
434			Hydraulics and River Engineering	0	10	11	1	3	0	0	0	0	25
435			Traffic Engineering and Regional Planning	0	3	8	2	5	0	0	0	0	18
436			Civil Environmental System	0	11	7	1	6	0	0	0	0	25
			Civil Engineering total	0	62	57	10	20	3	0	0	0	152
441		G	Building Structure and Materials	0	12	8	0	4	0	0	0	0	24
442			Building Science and Building Equipment	0	5	1	2	2	0	0	0	0	10
443			City Planning and Building Planning	0	10	11	4	5	0	0	0	0	30
444			Architectural History and Design	0	6	4	0	5	1	0	0	0	16
			Architecture total	0	33	24	6	16	1	0	0	0	80
451		N	Physical Metallurgy	0	13	7	0	0	0	0	0	0	20
452			Inorganic Materials and	0	13	9	0	1	0	0	0	0	23
453			Composed Materials and Properties	0	5	0	0	1	0	0	0	0	6
454			Structural and Functional Materials	0	3	8	0	4	0	0	0	0	15
455		R	Metallurgy and Material	0	11	8	0	2	0	0	0	0	21
456			Metal Productive Engineering	0	3	1	1	1	0	0	0	0	6
			Material Engineering total	0	48	33	1	9	0	0	0	0	91
461		G	Chemical Engineering in General	0	11	2	1	0	1	0	0	0	15
462			Reaction and Separation Engineering	0	5	1	1	2	0	0	0	0	9
463			Catalyst and Chemical Process	0	2	2	0	1	0	0	0	0	5
464			Bioengineering	0	3	3	1	0	0	0	0	0	7
465			Industrial Analytical Chemistry	1	6	3	0	2	0	0	0	0	12
			Process Engineering total	1	27	11	3	5	1	0	0	0	48
471			Industrial Physical Chemistry	0	2	6	0	1	0	0	0	0	9
472			Industrial Inorganic Chemistry	0	5	1	0	1	0	0	0	0	7
473			Industrial Organic Chemistry	1	7	1	0	0	0	0	0	0	9
474			Synthetic Chemistry	0	7	4	0	3	2	0	0	0	16
475			Polymer Synthesis	0	7	4	2	2	0	0	0	0	15
476			Polymer Structure and Property (inclu. Fiber)	0	4	3	0	0	0	0	0	0	7
			Industrial Chemistry total	1	32	19	2	7	2	0	0	0	63
481			Aeronautics	0	1	0	1	0	0	0	0	0	2
482			Ship Engineering	0	6	5	1	7	0	0	0	0	19
483			Marine Engineering	0	1	3	0	0	0	0	0	0	4
484			Resource Development Engineering	0	2	2	0	0	0	0	0	0	4
			Synthetic Engineering total	0	10	10	2	7	0	0	0	0	29
			ENGINEERING Total	2	579	464	104	172	17	0	0	3	1,341
501	A G R I C U L T U R E		Plant Breeding	0	0	1	0	0	0	0	0	0	1
502			Crop Science	0	1	0	0	0	0	0	0	0	1
503			Horticulture and Landscape Architecture	0	0	0	0	0	0	0	0	0	0
504			Plant Protection	0	0	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	1	1	0	0	0	0	0	0	2
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	1	0	0	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	0	4	3	2	2	0	0	0	0	11
513			Biological Productive Chemistry and Bioorganic Chemistry	0	2	0	0	1	0	0	0	0	3
514			Food Science and Nutritional Chemistry	0	1	1	0	1	0	0	0	0	3

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425			System Engineering	0	1	2	0	1	0	0	0	0	4
427			Electronic Measurements	0	0	0	0	1	0	0	0	0	1
428			Control Engineering	0	0	1	0	0	0	0	0	0	1
			Electric and Electronic Engineering	0	8	12	0	10	1	0	0	0	31
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	1	0	0	0	1
434			Hydraulics and River Engineering	0	0	0	0	0	0	0	0	0	0
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	0	0	0	0	1	0	0	0	1
441	E		Building Structure and Materials	0	0	0	0	0	0	0	0	0	0
442	N		Building Science and Building Equipment	0	0	0	0	0	0	0	0	0	0
443	G		City Planning and Building Planning	0	0	0	0	0	0	0	0	0	0
444	I		Architectural History and Design	0	0	0	0	0	0	0	0	0	0
			Architecture total	0	0	0	0	0	0	0	0	0	0
451	N		Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	1	0	1	0	2
453	E		Composed Materials and Properties	0	0	0	0	0	0	0	0	0	0
454	E		Structural and Functional Materials	0	0	0	0	0	0	0	0	0	0
455	R		Metallurgy and Material	0	0	0	0	1	0	0	0	0	1
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	0	1	1	0	1	0	3
461	I		Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462	N		Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463	G		Catalyst and Chemical Process	0	2	0	0	0	0	0	0	0	2
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	2	0	0	0	0	0	0	0	2
471			Industrial Physical Chemistry	0	0	0	0	0	0	0	0	0	0
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	1	0	0	1	0	2
475			Polymer Synthesis	0	1	0	0	0	0	0	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	0	0	1	0	0	0	0	1	0	2
			Industrial Chemistry total	0	1	1	0	1	0	0	2	0	5
481			Aeronautics	0	8	6	0	1	1	0	0	0	16
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	8	6	0	1	1	0	0	0	16
			ENGINEERING Total	0	25	26	0	26	6	1	4	0	88
501	A		Plant Breeding	0	0	0	0	0	0	0	0	0	0
502	G		Crop Science	0	0	0	0	0	0	0	0	0	0
503	R		Horticulture and Landscape Architecture	0	0	0	0	0	0	0	0	0	0
504	I		Plant Protection	0	0	0	0	0	0	0	0	0	0
505	C		Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	0	0	0	0	0	0	0	0	0
511	U		Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	0	0	0	0	0
512	R		Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	0	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0	0
514			Food Science and Nutritional Chemistry	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Government research institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	0	0	0	0	0	1	0	0	0	1
427			Electronic Measurements	0	0	0	0	0	0	0	0	0	0
428			Control Engineering	0	0	0	0	0	0	0	0	0	0
			Electric and Electronic Engineering	0	0	0	0	0	1	0	0	0	1
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	0	0	0	0	0
434			Hydraulics and River Engineering	0	0	0	0	0	0	0	0	0	0
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	0	0	0	0	0	0	0	0	0
441		G	Building Structure and Materials	0	0	0	0	0	1	0	0	0	1
442			Building Science and Building Equipment	0	0	0	0	0	0	0	0	0	0
443			City Planning and Building Planning	0	0	0	0	0	1	0	0	0	1
444			Architectural History and Design	0	0	0	0	0	3	0	0	0	3
			Architecture total	0	0	0	0	0	5	0	0	0	5
451		N	Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	0	0	0	1	0	0	0	1
454			Structural and Functional Materials	0	0	0	0	0	0	0	0	0	0
455		R	Metallurgy and Material	0	0	0	0	0	0	0	0	0	0
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	0	0	1	0	0	0	1
461		G	Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	0	0	0	0	0	0	0	0
471			Industrial Physical Chemistry	0	0	0	0	0	0	0	0	0	0
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	0	0	0	0	0	0
475			Polymer Synthesis	0	0	0	0	0	0	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	0	0	0	0	0	0
			Industrial Chemistry total	0	0	0	0	0	0	0	0	0	0
481			Aeronautics	0	0	0	0	0	0	0	0	0	0
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	0	0	0	0	0	0	0
			ENGINEERING Total	0	0	0	0	0	8	0	0	0	8
501	A G R I C U L T U R E		Plant Breeding	0	0	0	0	0	2	0	0	0	2
502			Crop Science	0	0	0	0	0	0	0	0	0	0
503			Horticulture and Landscape Architecture	0	0	0	0	0	0	0	0	0	0
504			Plant Protection	0	0	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	0	0	0	0	2	0	0	0	2
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	1	0	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	0	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0	0
514			Food Science and Nutritional Chemistry	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	1	44	28	7	24	3	33	0	1	141
427			Electronic Measurements	0	78	75	17	41	3	34	1	3	252
428			Control Engineering	0	80	75	20	42	1	41	1	3	263
			Electric and Electronic Engineering	2	726	575	120	399	27	387	10	13	2,259
431			Construction Materials and Dynamics in General Civil Engineering	0	46	32	3	18	1	19	1	0	120
432			Structural Engineering and Seismology	0	62	39	6	33	4	34	1	1	180
433			Ground Engineering	2	65	60	6	33	8	36	1	0	211
434			Hydraulics and River Engineering	2	67	64	5	37	2	31	1	0	209
435			Traffic Engineering and Regional Planning	0	46	37	5	29	3	23	2	0	145
436			Civil Environmental System	0	46	36	7	26	1	44	3	3	166
			Civil Engineering total	4	332	268	32	176	19	187	9	4	1,031
441		G	Building Structure and Materials	0	88	52	5	41	1	42	0	2	231
442			Building Science and Building Equipment	0	37	19	6	15	0	31	0	1	109
443			City Planning and Building Planning	0	86	62	16	50	3	68	3	1	289
444			Architectural History and Design	0	32	32	5	26	5	40	1	0	141
			Architecture total	0	243	165	32	132	9	181	4	4	770
451		N	Physical Metallurgy	0	51	44	5	35	3	19	3	0	160
452			Inorganic Materials and	1	79	65	4	63	3	54	2	1	272
453			Composed Materials and Properties	0	26	14	0	22	1	18	1	1	83
454			Structural and Functional Materials	0	50	50	5	41	1	38	4	1	190
455			Metallurgy and Material	0	69	53	5	43	3	25	1	2	201
456			Metal Productive Engineering	0	35	19	3	29	1	12	1	0	100
			Material Engineering total	1	310	245	22	233	12	166	12	5	1,006
461	C H E M I S T R Y	G	Chemical Engineering in General	0	64	33	8	44	1	33	2	0	185
462			Reaction and Separation Engineering	0	38	24	3	29	0	24	0	0	118
463			Catalyst and Chemical Process	0	35	23	2	22	0	19	3	0	104
464			Bioengineering	0	42	41	7	35	4	51	1	2	183
465			Industrial Analytical Chemistry	1	27	19	4	18	1	14	0	1	85
			Process Engineering total	1	206	140	24	148	6	141	6	3	675
471			Industrial Physical Chemistry	1	60	43	3	32	1	21	1	1	163
472			Industrial Inorganic Chemistry	0	29	10	4	15	2	8	1	0	69
473			Industrial Organic Chemistry	1	34	15	2	9	1	5	0	0	67
474			Synthetic Chemistry	0	60	47	1	53	2	44	5	1	213
475			Polymer Synthesis	0	55	36	5	33	3	43	1	0	176
476			Polymer Structure and Property (inclu. Fiber)	1	56	43	2	38	2	29	4	1	176
			Industrial Chemistry total	3	294	194	17	180	11	150	12	3	864
481	S Y N T H E T I C E N G I N E E R I N G		Aeronautics	0	37	24	4	19	2	20	0	0	106
482			Ship Engineering	4	29	26	3	21	0	9	0	0	92
483			Marine Engineering	0	7	11	2	5	1	8	1	0	35
484			Resource Development Engineering	0	31	18	1	22	0	15	1	0	88
			Synthetic Engineering total	4	104	79	10	67	3	52	2	0	321
	ENGINEERING Total			20	3,055	2,342	389	1,861	115	1,642	73	38	9,535
501	A G R I C U L T U R E		Plant Breeding	0	21	28	2	15	3	26	3	0	98
502			Crop Science	0	25	25	7	13	2	12	0	0	84
503			Horticulture and Landscape Architecture	0	75	39	5	33	2	28	3	1	186
504			Plant Protection	1	47	34	8	21	5	33	0	0	149
505			Sericultural Science and Economic Entomology	0	11	12	0	7	1	9	0	0	40
			Agriculture total	1	179	138	22	89	13	108	6	1	557
511			Plant Fertilizer and Manure and Soil Science	0	44	36	2	17	2	23	1	0	125
512			Applied Microbiochemistry and Applied Biochemistry	1	100	60	14	36	4	90	8	2	315
513			Biological Productive Chemistry and Bioorganic Chemistry	0	38	23	4	14	0	17	2	1	99
514			Food Science and Nutritional Chemistry	0	71	60	5	25	7	53	2	0	223

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities								Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	
	A		Agricultural Chemistry total	1	246	175	23	87	12	183	13	743
521	G		Forestry	0	86	62	13	37	3	46	6	255
522			Wood Science	0	54	32	7	33	3	32	3	164
			Forestry total	0	140	94	20	70	6	78	9	419
531	R		Fisheries in General	1	82	48	7	34	7	63	8	250
532			Fisheries Chemistry	0	30	23	1	12	1	15	1	84
			Fisheries total	1	112	71	8	46	8	78	9	334
541	I		Agricultural Economics	0	75	27	8	12	1	42	5	173
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	54	29	10	22	2	20	1	138
552			Agricultural Machinery	0	37	28	7	18	0	10	1	101
553			Biological Environment	0	19	12	2	4	1	10	2	50
	L		Agricultural Engineering total	0	110	69	19	44	3	40	4	289
561	T		Animal Science and Grassland Science	0	45	22	2	18	2	13	2	104
562			Applied Animal Science	0	37	25	5	18	0	28	1	114
563			Basic Veterinary Medicine and Basic Animal Science	0	41	39	5	25	2	25	2	139
564	R		Applied Veterinary Medicine	0	38	24	4	23	1	38	1	129
			Animal Science·Veterinary Medicine total	0	161	110	16	84	5	104	6	486
571			Biological Resource Science	0	22	14	4	9	0	10	0	59
572			Applied Molecular Cell Biology	0	8	12	1	14	0	20	0	56
	E		Interdisciplinary Agricultural Science total	0	30	26	5	23	0	30	0	115
			AGRICULTURE Total	3	1,052	709	121	455	46	663	52	3,112
601	M		Anatomy in General (inclu. Histology, Embryology)	0	45	29	17	40	1	40	0	172
602			Physiology in General	0	39	45	16	49	1	40	7	197
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	35	24	5	13	2	9	0	88
604			Pharmacology in General	0	36	25	4	32	3	20	3	123
605			Medical Chemistry in General	1	44	24	10	47	3	41	2	172
606			Pathological Medical Chemistry	0	27	14	6	19	1	32	1	101
			Physiology total	1	226	161	58	200	11	182	13	853
611			Hominal Pathology	4	57	43	13	53	0	27	0	197
612			Experimental Pathology	1	31	22	14	35	0	46	2	151
613			Parasitology (inclu. Medical Zoology)	0	22	17	6	28	1	7	0	81
614			Bacteriology (inclu. Eumycetes)	0	31	20	12	42	1	23	1	131
615			Virology	0	37	29	14	34	0	31	5	150
616			Immunology	2	53	34	11	60	2	58	0	220
			Pathology total	7	231	165	70	252	4	192	8	930
621	C		Hygiene	0	30	20	10	30	1	18	0	109
622			Public Health and Health Science	0	106	64	25	65	4	58	0	324
623			Legal Medicine	0	28	19	15	30	0	11	0	103
	N		Social Medicine total	0	164	103	50	125	5	87	0	536
631	E		Internal Medicine in General	2	51	26	33	54	6	32	0	205
632			Gastroenterology	1	34	48	35	96	1	69	0	284
633			Internal Medicine Respiratory System	0	19	12	25	40	3	20	0	119
634			Neurological Medicine	0	36	30	27	44	0	36	0	173
635			Cardioangiopathy	1	51	37	48	79	5	68	0	290
636			Pediatrics	2	58	33	54	84	5	43	0	282
637			Dermatology	1	26	19	35	68	0	33	0	182
638			Radiology	2	61	58	54	137	3	47	1	364
639			Neuropsychiatry	1	51	52	45	76	0	29	0	256
641			Hematology	0	29	27	37	73	2	29	3	201
642			Internal Medicine of Kidney	0	10	18	23	32	0	28	0	112
643			Embryology and Newborn	0	0	2	3	5	0	1	0	11
644			Endocrinology	2	25	17	11	36	0	22	0	113
645			Metabolic Science	1	23	17	16	32	1	36	2	129
			Internal Medicine total	13	474	396	446	856	26	493	6	2,721
651			Surgery in General	0	35	29	33	68	3	51	1	221
652			Gastroenterological Surgery	3	31	35	52	71	0	63	0	255
653			Thoracic Surgery	2	27	19	33	51	2	18	0	152

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	0	0	0	0	0
521			Forestry	0	0	0	0	0	0	0	0	0	0
522	G		Wood Science	0	1	0	0	0	0	0	0	0	1
			Forestry total	0	1	0	0	0	0	0	0	0	1
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	0	0	0	0	0
			Fisheries total	0	0	0	0	0	0	0	0	0	0
541	I		Agricultural Economics	0	0	0	0	0	0	0	0	0	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	0	0	0	0	0
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	0	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	1	0	0	0	0	0	0	0	1
601			Anatomy in General (inclu. Histology, Embryology)	0	4	0	1	0	0	0	0	0	5
602			Physiology in General	0	1	1	0	0	0	0	0	0	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	1	0	0	0	0	0	0	0	1
606			Pathological Medical Chemistry	0	0	0	0	1	0	0	0	0	1
			Physiology total	0	6	1	1	1	0	0	0	0	9
611	M		Hominal Pathology	0	1	0	0	0	0	0	0	0	1
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	1	2	0	0	0	0	0	0	3
615	I		Virology	0	0	1	0	0	0	0	0	0	1
616			Immunology	0	2	0	0	1	0	0	0	0	3
			Pathology total	0	4	3	0	1	0	0	0	0	8
621	C		Hygiene	0	1	0	0	0	0	0	0	0	1
622	I		Public Health and Health Science	0	3	4	0	2	0	0	0	0	9
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	4	4	0	2	0	0	0	0	10
631	N		Internal Medicine in General	0	0	0	1	2	0	0	0	0	3
632	E		Gastroenterology	0	1	0	1	0	0	0	0	0	2
633			Internal Medicine Respiratory System	0	1	0	0	0	0	0	0	0	1
634			Neurological Medicine	0	1	0	0	0	0	0	0	0	1
635			Cardioangiopathy	0	0	1	0	0	0	0	0	0	1
636			Pediatrics	0	1	0	1	0	0	0	0	0	2
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	3	2	1	3	0	0	0	0	9
639			Neuropsychiatry	0	1	0	0	0	0	0	0	0	1
641			Hematology	0	2	1	0	0	0	0	0	0	3
642			Internal Medicine of Kidney	0	1	0	0	0	0	0	0	0	1
643			Embryology and Newborn	0	1	0	0	0	0	0	0	0	1
644			Endocrinology	0	1	0	0	0	0	0	0	0	1
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	13	4	4	5	0	0	0	0	26
651			Surgery in General	0	1	0	0	0	0	0	0	0	1
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	1	1
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	7	4	2	5	0	0	0	0	18
521			Forestry	0	0	0	0	1	0	0	0	0	1
522	G		Wood Science	0	0	1	0	0	0	0	0	0	1
			Forestry total	0	0	1	0	1	0	0	0	0	2
531	R		Fisheries in General	0	0	0	0	0	1	0	0	0	1
532			Fisheries Chemistry	0	0	1	0	0	0	0	0	0	1
			Fisheries total	0	0	1	0	0	1	0	0	0	2
541	I		Agricultural Economics	0	0	0	0	0	0	0	0	0	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	1	0	0	0	0	1
552	U		Agricultural Machinery	0	1	0	0	0	0	0	0	0	1
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	1	0	0	1	0	0	0	0	2
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	0	0	0	0	0
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	0	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	2	0	1	0	0	0	0	3
			Interdisciplinary Agricultural Science total	0	0	2	0	1	0	0	0	0	3
			AGRICULTURE Total	0	9	9	2	8	1	0	0	0	29
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	0	0	0	0	0
602			Physiology in General	0	0	0	0	0	0	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	0	1	0	0	0	0	0	2
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	1	0	0	0	0	0	0	0	1
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	2	0	1	0	0	0	0	0	3
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	1	0	0	0	0	0	0	1
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	1	0	0	0	0	0	0	1
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	1	0	0	0	0	0	0	1
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	1	0	0	0	0	0	0	1
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	0
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	0	0	0	0	0
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	0	0	0	0	0	0	0	0	0
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	0	0	0	0	0
521			Forestry	0	1	1	0	1	0	0	0	0	3
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	1	1	0	1	0	0	0	0	3
531	R		Fisheries in General	0	0	1	0	0	0	0	0	0	1
532			Fisheries Chemistry	0	0	0	0	0	0	0	0	0	0
			Fisheries total	0	0	1	0	0	0	0	0	0	1
541	I		Agricultural Economics	0	0	1	0	0	0	0	0	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	0	0	0	0	0
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	0	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	1	3	0	1	0	0	0	0	5
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	2	0	0	0	0	2
602			Physiology in General	0	3	2	0	5	0	0	0	0	10
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	1	0	1	0	0	0	0	2
605			Medical Chemistry in General	0	0	0	0	1	0	0	0	0	1
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	3	3	0	9	0	0	0	0	15
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	0	0	0	0	0
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	0	0	0	0	0	0	0	0
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	0	0	0	0	0	0	0	0
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	0	0	0	0	0
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	1	0	0	0	0	0	0	0	1
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	1	0	0	0	0	0	0	0	1
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	2	0	0	0	0	0	0	0	2
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Government research institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	1	0	0	0	1
521			Forestry	0	0	0	0	0	0	0	0	0	0
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	0	0	0	0	0	0	0	0	0
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	0	0	0	0	0
			Fisheries total	0	0	0	0	0	0	0	0	0	0
541	I		Agricultural Economics	0	0	0	0	0	0	0	0	0	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	1	0	0	0	1
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	1	0	0	0	1
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	0	0	0	0	4	0	0	0	4
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	0	0	0	0	0
602			Physiology in General	0	0	0	0	0	1	0	0	0	1
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	0	0	0	0	0	0	0	0	0
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	0	0	0	0	1	0	0	0	1
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	1	0	0	0	1
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	0	0	0	0	0
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	0	0	0	1	0	0	0	1
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	0	0	0	1	0	0	0	1
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	1	0	0	0	1
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	0
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	0	0	0	0	0
639			Neuropsychiatry	0	0	0	0	0	1	0	0	0	1
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	0	0	0	0	1	0	0	0	1
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	1	253	179	25	92	13	183	13	3	762
521	G		Forestry	0	87	63	13	39	3	46	6	2	259
522			Wood Science	0	55	33	7	33	3	32	3	0	166
			Forestry total	0	142	96	20	72	6	78	9	2	425
531	R		Fisheries in General	1	82	49	7	34	8	63	8	0	252
532			Fisheries Chemistry	0	30	24	1	12	1	15	1	1	85
	I		Fisheries total	1	112	73	8	46	9	78	9	1	337
541			Agricultural Economics	0	75	28	8	12	1	42	5	3	174
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	54	29	10	23	2	20	1	0	139
552	U		Agricultural Machinery	0	38	28	7	18	0	10	1	0	102
553			Biological Environment	0	19	12	2	4	1	10	2	0	50
	L		Agricultural Engineering total	0	111	69	19	45	3	40	4	0	291
561	T		Animal Science and Grassland Science	0	45	22	2	18	2	13	2	0	104
562	U		Applied Animal Science	0	37	25	5	18	0	28	1	0	114
563			Basic Veterinary Medicine and Basic Animal Science	0	41	39	5	25	3	25	2	0	140
564	R		Applied Veterinary Medicine	0	38	24	4	23	1	38	1	0	129
	E		Animal Science·Veterinary Medicine total	0	161	110	16	84	6	104	6	0	487
571			Biological Resource Science	0	22	14	4	9	0	10	0	0	59
572			Applied Molecular Cell Biology	0	8	14	1	15	0	20	0	1	59
			Interdisciplinary Agricultural Science total	0	30	28	5	24	0	30	0	1	118
	AGRICULTURE Total			3	1,063	721	123	464	51	663	52	11	3,151
601	M		Anatomy in General (inclu. Histology, Embryology)	0	49	29	18	42	1	40	0	0	179
602			Physiology in General	0	43	48	16	54	2	40	7	0	210
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	36	24	6	13	2	9	0	0	90
604			Pharmacology in General	0	36	26	4	33	3	20	3	0	125
605			Medical Chemistry in General	1	46	24	10	48	3	41	2	0	175
606			Pathological Medical Chemistry	0	27	14	6	20	1	32	1	1	102
			Physiology total	1	237	165	60	210	12	182	13	1	881
611			Hominal Pathology	4	58	43	13	53	0	27	0	0	198
612			Experimental Pathology	1	31	22	14	35	0	46	2	0	151
613			Parasitology (inclu. Medical Zoology)	0	22	17	6	28	2	7	0	0	82
614			Bacteriology (inclu. Eumycetes)	0	32	23	12	42	1	23	1	1	135
615			Virology	0	37	30	14	34	0	31	5	0	151
616			Immunology	2	55	34	11	61	2	58	0	0	223
			Pathology total	7	235	169	70	253	5	192	8	1	940
621	I		Hygiene	0	31	20	10	30	1	18	0	0	110
622			Public Health and Health Science	0	109	69	25	67	5	58	0	2	335
623			Legal Medicine	0	28	19	15	30	0	11	0	0	103
	N		Social Medicine total	0	168	108	50	127	6	87	0	2	548
631	E		Internal Medicine in General	2	51	26	34	56	6	32	0	1	208
632			Gastroenterology	1	35	48	36	96	1	69	0	0	286
633			Internal Medicine Respiratory System	0	20	12	25	40	3	20	0	0	120
634			Neurological Medicine	0	38	30	27	44	0	36	0	0	175
635			Cardioangiolo	1	51	38	48	79	5	68	0	1	291
636			Pediatrics	2	59	33	55	84	5	43	0	3	284
637			Dermatology	1	26	19	35	68	0	33	0	0	182
638			Radiology	2	65	60	55	140	3	47	1	1	374
639			Neuropsychiatry	1	52	52	45	76	1	29	0	2	258
641			Hematology	0	31	28	37	73	2	29	3	1	204
642			Internal Medicine of Kidney	0	11	18	23	32	0	28	0	1	113
643			Embryology and Newborn	0	1	2	3	5	0	1	0	0	12
644			Endocrinology	2	26	17	11	36	0	22	0	0	114
645			Metabolic Science	1	23	17	16	32	1	36	2	1	129
			Internal Medicine total	13	489	400	450	861	27	493	6	11	2,750
651			Surgery in General	0	36	29	33	68	3	51	1	1	222
652			Gastroenterological Surgery	3	31	35	52	71	0	63	0	1	256
653			Thoracic Surgery	2	27	19	33	51	2	18	0	0	152

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	30	23	40	67	3	35	0	1	199
655			Orthopedic Surgery	0	51	41	46	110	3	68	1	3	323
656			Anesthesiology and Rescue Medicine	0	43	50	55	87	0	27	0	1	263
657			Urology	0	25	30	39	61	0	28	3	0	186
658			Obstetrics and Gynecology	1	40	32	41	84	0	30	0	0	228
659			Oto-rhino-laryngology	2	21	19	27	68	0	28	1	1	167
660			Ophthalmology	0	31	21	37	71	0	35	0	1	196
661			Pediatric Surgery	0	12	13	4	11	0	2	0	0	42
662			Formative Surgery	0	6	6	6	14	0	7	0	0	39
			Surgery total	8	352	318	413	763	11	392	6	8	2,271
671	E		Oral Anatomy and Morphological Basic Dentistry	0	25	16	2	40	3	38	1	1	126
672	D		Functional Basic Dentistry	0	12	13	3	29	4	33	0	2	96
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	12	13	14	40	1	18	1	1	100
674	C		Conservative Dentistry	0	14	15	11	59	1	30	0	0	130
675			Prosthodontics and Dental Technology	0	21	22	36	87	4	94	0	0	264
676	I		Oral Surgery	0	51	36	41	116	2	83	1	0	330
677	N		Orthodontics, Pedodontics and Social Dentistry	0	22	22	39	116	4	114	1	1	319
678			Periodontological Dentistry	0	8	5	10	32	1	36	0	0	92
	E		Dentistry total	0	165	142	156	519	20	446	4	5	1,457
681			Chemical Pharmaceutics	0	42	38	5	26	2	25	4	0	142
682			Physical Pharmaceutics	0	22	20	3	11	1	8	0	0	65
683			Biopharmaceutics	0	51	36	7	33	1	42	4	2	176
684			Molecular Pharmaceutics	0	11	11	1	16	2	30	1	1	73
685			Environmental Pharmaceutics	0	2	6	0	6	1	6	0	1	22
			Pharmaceutics total	0	128	111	16	92	7	111	9	4	478
691			Medical Sociology	0	14	16	7	18	1	16	0	0	72
692			Human Genetics	0	15	11	5	20	1	12	1	0	65
693			Applied Pharmacology and Medical Pharmacology	0	32	18	0	9	5	13	0	1	78
694			Pathological Examination	1	22	24	8	24	2	10	0	0	91
696			Science of Basic and Local Nursing	0	63	53	27	54	2	14	0	0	213
697			Science of Clinical Nursing	0	88	56	37	117	0	17	0	3	318
			Medicine in General total	1	234	178	84	242	11	82	1	4	837
			MEDICINE Total	30	1,974	1,574	1,293	3,049	95	1,985	47	36	10,083
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	26	12	1	4	0	7	0	0	50
703			Physical Education	1	239	202	29	26	2	18	1	2	520
704			Human Geography	0	56	43	5	6	1	13	1	1	126
705			Physical Geography	0	37	22	0	3	1	15	1	1	80
			Geography total	0	93	65	5	9	2	28	2	2	206
706			Home Science(inclu. Cloth/Living Environments)	2	73	43	2	5	0	9	0	0	134
707			Food Culture	0	22	21	2	3	0	5	0	0	53
			Domestic Science total	2	95	64	4	8	0	14	0	0	187
708			Science of Cultural Property	0	6	3	1	2	0	9	0	0	21
711	A R E A		Science Education	2	67	55	3	6	1	15	0	0	149
712			Educational Engineering	0	33	31	8	13	1	15	0	0	101
713			Curriculum Studies	0	275	214	34	5	4	28	1	1	562
714			Japanese Language Education	0	33	49	19	2	0	8	0	0	111
			Science Education·Curriculum Education total	2	408	349	64	26	6	66	1	1	923
721			Statistics	0	26	17	0	9	0	6	0	0	58
731			Computer Science	2	134	114	36	104	2	85	0	2	479
732			Intelligent Informatics	3	126	85	19	83	2	71	7	0	396
733			Study of Information System (Inclu. Library and Information Science)	0	54	32	6	43	4	23	1	0	163
			Information Science total	5	314	231	61	230	8	179	8	2	1,038
741			Social System Engineering	0	54	43	9	12	0	27	3	0	148
751			Natural Disaster Science	0	6	13	3	4	1	7	1	0	35
761			Plasma Science and Technology	0	43	40	3	24	0	25	2	0	137
772			Nuclear Fusion	0	18	12	1	16	2	8	1	0	58

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0
655			Orthopedic Surgery	0	2	4	0	5	0	0	0	0	11
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0
657			Urology	0	0	0	0	0	0	0	0	0	0
658			Obstetrics and Gynecology	0	1	0	0	0	0	0	0	0	1
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
			Surgery total	0	4	4	0	5	0	0	0	1	14
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0
672			Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0
674			Conservative Dentistry	0	0	0	0	0	0	0	0	0	0
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0
676			Oral Surgery	0	0	0	0	0	0	0	0	0	0
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0
			Dentistry total	0	0	0	0	0	0	0	0	0	0
681			Chemical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
682			Physical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
683			Biopharmaceutics	0	0	0	0	0	0	0	0	0	0
684			Molecular Pharmaceutics	0	0	0	0	0	0	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0	0	0
			Pharmaceutics total	0	0	0	0	0	0	0	0	0	0
691			Medical Sociology	0	0	1	2	0	0	0	0	0	3
692			Human Genetics	0	0	0	0	0	0	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694			Pathological Examination	0	1	2	0	2	0	0	0	0	5
696			Science of Basic and Local Nursing	0	3	4	2	3	0	0	0	0	12
697			Science of Clinical Nursing	0	2	0	2	7	0	0	0	0	11
			Medicine in General total	0	6	7	6	12	0	0	0	0	31
			MEDICINE Total	0	37	23	11	26	0	0	0	1	98
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	0	0	0	0	0
703			Physical Education	0	2	1	1	2	0	0	0	0	6
704			Human Geography	0	0	0	0	0	0	0	0	0	0
705			Physical Geography	0	0	0	0	0	0	0	0	0	0
			Geography total	0	0	0	0	0	0	0	0	0	0
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	0	0	0	0	0	0
707			Food Culture	0	0	0	0	0	0	0	0	0	0
			Domestic Science total	0	0	0	0	0	0	0	0	0	0
708			Science of Cultural Property	0	1	0	0	0	0	0	0	0	1
711			Science Education	0	0	0	0	0	0	0	0	0	0
712			Educational Engineering	0	1	1	0	0	0	0	0	0	2
713			Curriculum Studies	0	2	1	0	0	0	0	0	0	3
714			Japanese Language Education	0	0	0	0	0	0	0	0	0	0
			Science Education·Curriculum Education total	0	3	2	0	0	0	0	0	0	5
721			Statistics	0	0	0	0	0	0	0	0	0	0
731			Computer Science	0	3	1	0	0	0	0	0	0	4
732			Intelligent Informatics	0	1	1	1	1	0	0	0	0	4
733			Study of Information System (Inclu. Library and Information Science)	0	1	4	0	1	0	0	0	0	6
			Information Science total	0	5	6	1	2	0	0	0	0	14
741			Social System Engineering	0	0	1	0	0	0	0	0	0	1
751			Natural Disaster Science	0	0	0	0	0	0	0	0	0	0
761			Plasma Science and Technology	0	0	1	0	0	0	0	0	0	1
772			Nuclear Fusion	0	0	0	0	0	0	0	0	0	0

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivision	I t e m	Colleges of Technology									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0
657			Urology	0	0	0	0	0	0	0	0	0	0
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
			Surgery total	0	0	0	0	0	0	0	0	0	0
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0
672			Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0
674			Conservative Dentistry	0	0	0	0	0	0	0	0	0	0
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0
676			Oral Surgery	0	0	0	0	0	0	0	0	0	0
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0
			Dentistry total	0	0	0	0	0	0	0	0	0	0
681			Chemical Pharmaceutics	0	1	0	0	0	0	0	0	0	1
682			Physical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
683			Biopharmaceutics	0	0	1	0	0	1	0	0	0	2
684			Molecular Pharmaceutics	0	0	0	0	0	0	0	0	0	0
685			Environmental Pharmaceutics	0	0	1	0	0	0	0	0	0	1
			Pharmaceutics total	0	1	2	0	0	1	0	0	0	4
691			Medical Sociology	0	0	0	0	0	0	0	0	0	0
692			Human Genetics	0	0	0	0	0	0	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694			Pathological Examination	0	0	0	0	0	0	0	0	0	0
696			Science of Basic and Local Nursing	0	0	1	0	0	0	0	0	0	1
697			Science of Clinical Nursing	0	0	0	0	0	0	0	0	0	0
			Medicine in General total	0	0	1	0	0	0	0	0	0	1
			MEDICINE Total	0	3	5	1	0	1	0	0	0	10
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	4	0	0	0	0	0	0	0	4
703			Physical Education	0	26	36	16	1	0	0	0	0	79
704			Human Geography	0	3	2	2	0	0	0	0	0	7
705			Physical Geography	0	0	1	0	0	0	0	0	0	1
			Geography total	0	3	3	2	0	0	0	0	0	8
706			Home Science(inclu. Cloth/Living Environments)	0	1	0	0	1	0	0	0	0	2
707			Food Culture	0	0	0	0	0	0	0	0	0	0
			Domestic Science total	0	1	0	0	1	0	0	0	0	2
708			Science of Cultural Property	0	1	0	0	0	0	0	0	0	1
711			Science Education	0	18	3	0	0	0	0	0	0	21
712	A R E A		Educational Engineering	0	9	9	3	6	0	0	0	0	27
713			Curriculum Studies	0	11	28	5	0	1	0	0	0	45
714			Japanese Language Education	0	0	1	0	0	0	0	0	0	1
			Science Education·Curriculum Education total	0	38	41	8	6	1	0	0	0	94
721			Statistics	0	0	0	0	0	0	0	0	0	0
731			Computer Science	0	16	24	10	10	1	0	0	0	61
732			Intelligent Informatics	0	9	17	5	10	0	1	0	0	42
733			Study of Information System (Inclu. Library and Information Science)	0	7	8	1	0	0	0	0	0	16
			Information Science total	0	32	49	16	20	1	1	0	0	119
741			Social System Engineering	0	2	2	1	1	0	0	0	0	6
751			Natural Disaster Science	0	0	1	0	0	0	0	0	0	1
761			Plasma Science and Technology	0	4	3	1	1	0	0	0	0	9
772			Nuclear Fusion	0	0	0	0	0	1	0	0	0	1

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Inter-University Research Institutes									Total	
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0	
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0	
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0	
657			Urology	0	0	0	0	0	0	0	0	0	0	
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0	
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0	
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0	
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0	
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0	
				Surgery total	0	0	0	0	0	0	0	0	0	0
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
672	D		Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0	
674	C		Conservative Dentistry	0	0	0	0	0	0	0	0	0	0	
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0	
676	I		Oral Surgery	0	0	0	0	0	0	0	0	0	0	
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0	
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0	
	E		Dentistry total	0	0	0	0	0	0	0	0	0	0	
681				Chemical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
682		Physical Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
683		Biopharmaceutics		0	0	0	0	0	0	0	0	0	0	
684		Molecular Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
685		Environmental Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
			Pharmaceutics total	0	0	0	0	0	0	0	0	0	0	
691				Medical Sociology	0	0	0	0	0	0	0	0	0	0
692				Human Genetics	0	1	0	0	0	0	0	0	0	1
693				Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694				Pathological Examination	0	0	0	0	0	0	0	0	0	0
696	Science of Basic and Local Nursing			0	0	0	0	0	0	0	0	0	0	
697	Science of Clinical Nursing			0	0	0	0	0	0	0	0	0	0	
	Medicine in General total			0	1	0	0	0	0	0	0	0	1	
	MEDICINE Total			0	6	3	0	9	0	0	0	18		
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	1	0	1	0	0	0	0	2	
703			Physical Education	0	0	0	0	0	0	0	0	0	0	
704			Human Geography	0	1	0	0	0	0	0	0	0	1	
705			Physical Geography	0	0	0	0	1	0	0	0	0	1	
			Geography total	0	1	0	0	1	0	0	0	0	2	
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	0	0	0	0	0	0	
707			Food Culture	0	0	0	0	0	0	0	0	0	0	
			Domestic Science total	0	0	0	0	0	0	0	0	0	0	
708			Science of Cultural Property	0	0	1	0	0	0	0	0	0	1	
711			Science Education	0	0	0	0	0	0	0	0	0	0	
712	A R E A		Educational Engineering	0	5	6	0	1	1	0	0	0	13	
713			Curriculum Studies	0	0	0	0	0	0	0	0	0	0	
714			Japanese Language Education	0	0	0	0	0	0	0	0	0	0	
			Science Education·Curriculum Education total	0	5	6	0	1	1	0	0	0	13	
721			Statistics	0	8	5	0	2	0	0	0	0	15	
731	I		Computer Science	0	3	4	0	1	0	0	0	0	8	
732			Intelligent Informatics	0	4	4	0	4	2	0	0	0	14	
733			Study of Information System (Inclu. Library and Information Science)	0	5	7	0	6	2	0	0	0	20	
			Information Science total	0	12	15	0	11	4	0	0	0	42	
741			Social System Engineering	0	0	0	0	0	0	0	0	0	0	
751			Natural Disaster Science	0	0	0	0	0	0	0	0	0	0	
761			Plasma Science and Technology	0	8	9	0	6	0	0	0	1	24	
772		Nuclear Fusion	0	9	4	0	3	1	0	0	0	17		

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Government research institutes									Total	
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0	
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0	
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0	
657			Urology	0	0	0	0	0	0	0	0	0	0	
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0	
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0	
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0	
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0	
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0	
				Surgery total	0	0	0	0	0	0	0	0	0	0
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
672	D		Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0	
674	C		Conservative Dentistry	0	0	0	0	0	0	0	0	0	0	
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0	
676	I		Oral Surgery	0	0	0	0	0	0	0	0	0	0	
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0	
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0	
	E		Dentistry total	0	0	0	0	0	0	0	0	0	0	
681			Chemical Pharmaceutics	0	0	0	0	0	0	0	0	0	0	
682			Physical Pharmaceutics	0	0	0	0	0	0	0	0	0	0	
683			Biopharmaceutics	0	0	0	0	0	0	0	0	0	0	
684			Molecular Pharmaceutics	0	0	0	0	0	0	0	0	0	0	
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0	0	0	
			Pharmaceutics total	0	0	0	0	0	0	0	0	0	0	
691				Medical Sociology	0	0	0	0	0	0	0	0	0	0
692				Human Genetics	0	0	0	0	0	0	0	0	0	0
693				Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694				Pathological Examination	0	0	0	0	0	0	0	0	0	0
696	Science of Basic and Local Nursing			0	0	0	0	0	0	0	0	0	0	
697	Science of Clinical Nursing			0	0	0	0	0	0	0	0	0	0	
	Medicine in General total			0	0	0	0	0	0	0	0	0	0	0
	MEDICINE Total			0	0	0	0	0	4	0	0	0	4	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	3	0	0	0	3	
703			Physical Education	0	0	0	0	0	0	0	0	0	0	0
704			Human Geography	0	0	0	0	0	1	0	0	0	1	1
705			Physical Geography	0	0	0	0	0	0	0	0	0	0	0
			Geography total	0	0	0	0	0	1	0	0	0	1	1
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	0	0	0	0	0	0	0
707			Food Culture	0	0	0	0	0	0	0	0	0	0	0
			Domestic Science total	0	0	0	0	0	0	0	0	0	0	0
708			Science of Cultural Property	0	0	0	0	0	5	0	0	0	0	5
711			Science Education	0	0	0	0	0	7	0	0	0	0	7
712	A R E A		Educational Engineering	0	0	0	0	0	6	0	0	0	6	
713			Curriculum Studies	0	0	0	0	0	9	0	0	0	9	
714			Japanese Language Education	0	0	0	0	0	5	0	0	0	5	
			Science Education·Curriculum Education total	0	0	0	0	0	27	0	0	0	27	
721			Statistics	0	0	0	0	0	0	0	0	0	0	0
731	I		Computer Science	0	0	0	0	0	0	0	0	0	0	
732			Intelligent Informatics	0	0	0	0	0	1	0	0	0	1	
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	0	0	2	0	0	0	2	
			Information Science total	0	0	0	0	0	3	0	0	0	3	
741			Social System Engineering	0	0	0	0	0	0	0	0	0	0	
751			Natural Disaster Science	0	0	0	0	0	0	0	0	0	0	
761			Plasma Science and Technology	0	0	0	0	0	0	0	0	0	0	0
772		Nuclear Fusion	0	0	0	0	0	0	0	0	0	0		

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	30	23	40	67	3	35	0	1	199
655			Orthopedic Surgery	0	53	45	46	115	3	68	1	3	334
656			Anesthesiology and Rescue Medicine	0	43	50	55	87	0	27	0	1	263
657			Urology	0	25	30	39	61	0	28	3	0	186
658			Obstetrics and Gynecology	1	41	32	41	84	0	30	0	0	229
659			Oto-rhino-laryngology	2	21	19	27	68	0	28	1	1	167
660			Ophthalmology	0	31	21	37	71	0	35	0	1	196
661			Pediatric Surgery	0	12	13	4	11	0	2	0	0	42
662			Formative Surgery	0	6	6	6	14	0	7	0	0	39
			Surgery total	8	356	322	413	768	11	392	6	9	2,285
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	0	25	16	2	40	3	38	1	1	126
672			Functional Basic Dentistry	0	12	13	3	29	4	33	0	2	96
673			Morbid Dentistry (inclu. Dental Radiology)	0	12	13	14	40	1	18	1	1	100
674			Conservative Dentistry	0	14	15	11	59	1	30	0	0	130
675			Prosthodontics and Dental Technology	0	21	22	36	87	4	94	0	0	264
676			Oral Surgery	0	51	36	41	116	2	83	1	0	330
677			Orthodontics, Pedodontics and Social Dentistry	0	22	22	39	116	4	114	1	1	319
678			Periodontological Dentistry	0	8	5	10	32	1	36	0	0	92
			Dentistry total	0	165	142	156	519	20	446	4	5	1,457
681			Chemical Pharmaceutics	0	43	38	5	26	2	25	4	0	143
682			Physical Pharmaceutics	0	22	20	3	11	1	8	0	0	65
683			Biopharmaceutics	0	51	37	7	33	2	42	4	2	178
684			Molecular Pharmaceutics	0	11	11	1	16	2	30	1	1	73
685			Environmental Pharmaceutics	0	2	7	0	6	1	6	0	1	23
			Pharmaceutics total	0	129	113	16	92	8	111	9	4	482
691			Medical Sociology	0	14	17	9	18	1	16	0	0	75
692			Human Genetics	0	16	11	5	20	1	12	1	0	66
693			Applied Pharmacology and Medical Pharmacology	0	32	18	0	9	5	13	0	1	78
694			Pathological Examination	1	23	26	8	26	2	10	0	0	96
696			Science of Basic and Local Nursing	0	66	58	29	57	2	14	0	0	226
697			Science of Clinical Nursing	0	90	56	39	124	0	17	0	3	329
			Medicine in General total	1	241	186	90	254	11	82	1	4	870
			MEDICINE Total	30	2,020	1,605	1,305	3,084	100	1,985	47	37	10,213
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	30	13	1	5	3	7	0	0	59
703			Physical Education	1	267	239	46	29	2	18	1	2	605
704			Human Geography	0	60	45	7	6	2	13	1	1	135
705			Physical Geography	0	37	23	0	4	1	15	1	1	82
			Geography total	0	97	68	7	10	3	28	2	2	217
706			Home Science(inclu. Cloth/Living Environments)	2	74	43	2	6	0	9	0	0	136
707			Food Culture	0	22	21	2	3	0	5	0	0	53
			Domestic Science total	2	96	64	4	9	0	14	0	0	189
708			Science of Cultural Property	0	8	4	1	2	5	9	0	0	29
711			Science Education	2	85	58	3	6	8	15	0	0	177
712	A R E A		Educational Engineering	0	48	47	11	20	8	15	0	0	149
713			Curriculum Studies	0	288	243	39	5	14	28	1	1	619
714			Japanese Language Education	0	33	50	19	2	5	8	0	0	117
			Science Education·Curriculum Education total	2	454	398	72	33	35	66	1	1	1,062
721			Statistics	0	34	22	0	11	0	6	0	0	73
731			Computer Science	2	156	143	46	115	3	85	0	2	552
732			Intelligent Informatics	3	140	107	25	98	5	72	7	0	457
733			Study of Information System (Inclu. Library and Information Science)	0	67	51	7	50	8	23	1	0	207
			Information Science total	5	363	301	78	263	16	180	8	2	1,216
741			Social System Engineering	0	56	46	10	13	0	27	3	0	155
751			Natural Disaster Science	0	6	14	3	4	1	7	1	0	36
761			Plasma Science and Technology	0	55	53	4	31	0	25	2	1	171
772			Nuclear Fusion	0	27	16	1	19	4	8	1	0	76

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	24	18	2	12	2	12	0	0	70
774			Nuclear Power Science	0	51	35	1	41	0	11	1	0	140
	E		Energy total	0	93	65	4	69	4	31	2	0	268
801	R	D	Environmental Dynamic Analysis	0	44	26	6	24	1	20	2	2	125
802			Environmental Influence Assessment (inclu. Radiobiology)	0	25	32	3	30	0	16	1	2	109
803	S		Environmental Preservation	0	46	36	16	21	5	33	2	0	159
	C		Environmental Science total	0	115	94	25	75	6	69	5	4	393
811	I	P	Biological Organic Chemistry	0	46	31	3	30	3	20	4	0	137
812			Structured Biochemistry	0	28	29	3	27	2	19	4	1	113
813	L		Functional Biochemistry	0	52	38	1	36	1	31	5	1	165
			Biological Chemistry total	0	126	98	7	93	6	70	13	2	415
821	N	A	Biophysics	0	39	37	3	36	1	26	3	1	146
822			Molecular Biology	1	82	77	24	122	6	89	14	5	420
823	R		Cell Biology	0	51	45	13	67	7	60	9	0	252
824	Y		Developmental Biology	0	39	29	7	37	2	47	9	1	171
			Basic Biology total	1	211	188	47	262	16	222	35	7	989
831	A	R	Neuroanatomy and Neuropathology	0	29	17	5	15	0	18	2	0	86
832			Neurochemistry and Neuropharmacology	0	23	12	5	29	0	19	2	0	90
833			Neuro Science in General	0	41	45	17	46	3	40	5	1	198
834			Neuro and Muscular Physiology	0	38	30	8	27	0	18	1	0	122
			Neuro Science (inclu. Brain Science) total	0	131	104	35	117	3	95	10	1	496
841			Laboratory Animal Science	0	10	16	1	15	3	6	1	0	52
851			Medical Organism Engineering and Material Science of Organism	0	67	46	19	40	4	56	2	0	234
	INTERDISCIPLINARY AREA Total			11	2,063	1,650	318	1,025	61	935	86	21	6,170
999	WIDE AREA Total			0	228	145	34	84	5	84	6	5	591
	Item n.a. Total			29	4,592	4,639	1,395	5,132	333	6,819	521	10,023	33,483
	Grand Total			122	17,735	14,459	4,033	12,736	752	14,295	1,012	10,191	75,335

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	Nuclear Energy		Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
			Energy total	0	0	0	0	0	0	0	0	0	0
801	Environmental Science		Environmental Dynamic Analysis	0	0	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	0	0	0	0	0	0
803			Environmental Preservation	0	0	1	0	0	0	0	0	0	1
			Environmental Science total	0	0	1	0	0	0	0	0	0	1
811	Biological Chemistry		Biological Organic Chemistry	0	0	0	0	0	0	0	0	0	0
812			Structured Biochemistry	0	0	1	0	0	0	0	0	0	1
813			Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	1	0	0	0	0	0	0	1
821	Basic Biology		Biophysics	0	0	0	0	0	0	0	0	0	0
822			Molecular Biology	0	0	0	0	0	0	0	0	0	0
823			Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	0	0	0	0	0	0	0	0	0
			Basic Biology total	0	0	0	0	0	0	0	0	0	0
831	Neuro Science		Neuroanatomy and Neuropathology	0	3	0	0	0	0	0	0	0	3
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833			Neuro Science in General	0	0	0	0	2	0	0	0	0	2
834			Neuro and Muscular Physiology	0	2	0	0	0	0	0	0	0	2
			Neuro Science (inclu. Brain Science) total	0	5	0	0	2	0	0	0	0	7
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	2	0	2	0	0	0	0	0	4
	INTERDISCIPLINARY AREA Total			0	18	13	4	6	0	0	0	0	41
999	WIDE AREA Total			1	7	6	1	3	0	0	0	0	18
	Item n.a. Total			0	16	20	2	15	0	0	0	50	103
	Grand Total			3	110	77	25	55	0	0	0	51	321

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	2	2	1	1	0	0	0	0	6
774			Nuclear Power Science	0	0	2	0	1	0	0	0	0	3
	E		Energy total	0	2	4	1	2	1	0	0	0	10
801	R	D	Environmental Dynamic Analysis	0	2	0	1	0	0	0	0	0	3
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	4	0	0	0	0	0	0	5
803	S	C	Environmental Preservation	0	6	2	1	3	0	0	0	0	12
			Environmental Science total	0	9	6	2	3	0	0	0	0	20
811	I	P	Biological Organic Chemistry	0	0	3	0	2	0	0	0	0	5
812			Structured Biochemistry	0	0	1	0	0	0	0	0	0	1
813	L	I	Functional Biochemistry	0	0	1	0	1	0	0	0	0	2
			Biological Chemistry total	0	0	5	0	3	0	0	0	0	8
821	N	A	Biophysics	0	1	3	0	1	0	0	0	0	5
822			Molecular Biology	0	2	1	0	0	0	0	0	0	3
823	R	Y	Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	1	0	0	0	0	0	0	0	1
			Basic Biology total	0	4	4	0	1	0	0	0	0	9
831	A	R	Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833	E	A	Neuro Science in General	0	1	0	0	0	0	0	0	0	1
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	1	0	0	0	0	0	0	0	1
841			Laboratory Animal Science	0	1	0	0	0	0	0	0	0	1
851			Medical Organism Engineering and Material Science of Organism	0	4	11	1	3	0	0	0	0	19
	INTERDISCIPLINARY AREA Total			0	132	165	48	42	3	1	0	0	391
999	WIDE AREA Total			0	12	6	4	3	0	0	0	0	25
	Item n.a. Total			3	432	477	166	196	11	2	1	84	1,372
	Grand Total			7	1,449	1,423	414	439	38	3	1	89	3,863

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Inter-University Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	1	0	0	0	0	0	0	0	1
774			Nuclear Power Science	0	1	1	0	3	0	0	0	0	5
	E		Energy total	0	11	5	0	6	1	0	0	0	23
801	R	D	Environmental Dynamic Analysis	0	0	0	0	1	0	0	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	1	0	0	0	0	0	0	1
803	S	C	Environmental Preservation	0	1	0	0	0	0	0	0	0	1
			Environmental Science total	0	1	1	0	1	0	0	0	0	3
811	I	P	Biological Organic Chemistry	0	0	0	0	0	0	0	0	0	0
812			Structured Biochemistry	0	0	0	0	0	0	0	0	0	0
813	L	I	Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	0	0	0	0	0
821	N	A	Biophysics	0	4	2	0	7	1	1	1	0	16
822			Molecular Biology	0	5	5	0	6	1	1	1	1	20
823	R	Y	Cell Biology	0	1	1	0	6	0	0	1	0	9
824			Developmental Biology	0	3	2	0	4	0	2	4	0	15
			Basic Biology total	0	13	10	0	23	2	4	7	1	60
831	A	R	Neuroanatomy and Neuropathology	0	0	1	0	1	0	0	1	0	3
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	1	0	1
833	E	A	Neuro Science in General	0	4	5	0	11	2	2	3	0	27
834			Neuro and Muscular Physiology	0	2	1	0	5	0	1	1	0	10
			Neuro Science (inclu. Brain Science) total	0	6	7	0	17	2	3	6	0	41
841			Laboratory Animal Science	0	0	2	0	0	0	0	0	0	2
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	0	0	0	0	0	0
	INTERDISCIPLINARY AREA Total			0	65	62	0	69	10	7	13	2	228
999	WIDE AREA Total			0	6	2	0	5	0	0	0	0	13
	Item n.a. Total			0	101	115	2	180	13	17	38	626	1,092
	Grand Total			1	316	334	3	417	38	30	87	630	1,856

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Government research institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
	E		Energy total	0	0	0	0	0	0	0	0	0	0
801	R	D	Environmental Dynamic Analysis	0	0	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	0	0	0	0	0	0
803			Environmental Preservation	0	0	0	0	0	0	0	0	0	0
			Environmental Science total	0	0	0	0	0	0	0	0	0	0
811	I	P	Biological Organic Chemistry	0	0	0	0	0	0	0	0	0	0
812			Structured Biochemistry	0	0	0	0	0	0	0	0	0	0
813			Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	0	0	0	0	0
821	N	A	Biophysics	0	0	0	0	0	0	0	0	0	0
822			Molecular Biology	0	0	0	0	0	0	0	0	0	0
823			Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	0	0	0	0	0	0	0	0	0
			Basic Biology total	0	0	0	0	0	0	0	0	0	0
831	A	R	Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833			Neuro Science in General	0	0	0	0	0	0	0	0	0	0
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	0	0	0	0	0	0	0	0
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	0	0	0	0	0	0
	INTERDISCIPLINARY AREA Total			0	0	0	0	0	39	0	0	0	39
999	WIDE AREA Total			0	0	0	0	0	5	0	0	0	5
	Item n.a. Total			0	2	0	0	0	96	0	0	22	120
	Grand Total			0	2	0	0	0	327	0	0	23	352

Table 2. Number of Researchers by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	TOTAL									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
773	Nuclear Energy		Energy Science General	0	27	20	3	13	2	12	0	0	77
774			Nuclear Power Science	0	52	38	1	45	0	11	1	0	148
			Energy total	0	106	74	5	77	6	31	2	0	301
801	Environmental Science		Environmental Dynamic Analysis	0	46	26	7	25	1	20	2	2	129
802			Environmental Influence Assessment (inclu. Radiobiology)	0	26	37	3	30	0	16	1	2	115
803			Environmental Preservation	0	53	39	17	24	5	33	2	0	173
			Environmental Science total	0	125	102	27	79	6	69	5	4	417
811	Biological Chemistry		Biological Organic Chemistry	0	46	34	3	32	3	20	4	0	142
812			Structured Biochemistry	0	28	31	3	27	2	19	4	1	115
813			Functional Biochemistry	0	52	39	1	37	1	31	5	1	167
			Biological Chemistry total	0	126	104	7	96	6	70	13	2	424
821	Basic Biology		Biophysics	0	44	42	3	44	2	27	4	1	167
822			Molecular Biology	1	89	83	24	128	7	90	15	6	443
823			Cell Biology	0	52	46	13	73	7	60	10	0	261
824			Developmental Biology	0	43	31	7	41	2	49	13	1	187
			Basic Biology total	1	228	202	47	286	18	226	42	8	1,058
831	Neuroscience		Neuroanatomy and Neuropathology	0	32	18	5	16	0	18	3	0	92
832			Neurochemistry and Neuropharmacology	0	23	12	5	29	0	19	3	0	91
833			Neuro Science in General	0	46	50	17	59	5	42	8	1	228
834			Neuro and Muscular Physiology	0	42	31	8	32	0	19	2	0	134
			Neuro Science (inclu. Brain Science) total	0	143	111	35	136	5	98	16	1	545
841	Laboratory Animal Science		Laboratory Animal Science	0	11	18	1	15	3	6	1	0	55
851			Medical Organism Engineering and Material Science of Organism	0	73	57	22	43	4	56	2	0	257
	INTERDISCIPLINARY AREA Total			11	2,278	1,890	370	1,142	113	943	99	23	6,869
999	WIDE AREA Total			1	253	159	39	95	10	84	6	5	652
	Item n.a. Total			32	5,143	5,251	1,565	5,523	453	6,838	560	10,805	36,170
	Grand Total			133	19,612	16,293	4,475	13,647	1,155	14,328	1,100	10,984	81,727

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total	
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
211	A R T S · H U M A N I T I E S		Philosophy	0	22	5	3	1	1	0	0	0	32	
212			Chinese Philosophy	0	7	2	0	0	0	0	0	0	9	
213			Indian Philosophy (inclu. Buddhist Studies)	0	3	2	0	0	0	0	0	0	5	
214			Religion	0	1	1	1	0	0	0	0	0	3	
215			Ethics	0	7	1	0	0	0	0	0	0	8	
216			History of Philosophy	0	10	7	3	0	0	0	0	0	20	
217			Aesthetics (inclu. Arts)	0	65	36	14	5	1	6	0	0	127	
218			Art History	0	13	8	1	1	0	1	0	0	24	
		Philosophy total	0	128	62	22	7	2	7	0	0	228		
221				Experimental Psychology	0	18	8	2	4	0	0	0	0	32
222				Educational and Social	0	28	22	16	5	0	4	0	0	75
223				Sociology	0	64	50	12	11	1	8	0	0	146
224				Education	0	29	19	12	2	0	0	0	0	62
225				Cultural Anthropology (inclu. Ethnology and Folklore)	1	9	6	2	0	0	0	0	0	18
		Psychology·Sociology·Education Cultural Anthropology total		1	148	105	44	22	1	12	0	0	333	
231				Japanese History	1	18	9	2	1	0	3	0	0	34
232				Oriental History	1	13	1	0	0	0	3	1	0	19
233				European History	0	15	14	3	1	0	1	1	0	35
234				Archaeology (inclu. Prehistory)	0	4	1	0	0	0	0	0	0	5
		History total		2	50	25	5	2	0	7	2	0	93	
241				Japanese Language	0	9	5	3	2	0	1	0	0	20
242				Japanese Literature	0	28	15	1	1	0	0	0	0	45
243				Chinese Language and Literature	0	8	11	2	0	0	0	0	0	21
244				English Language and Literature	0	61	41	13	3	1	8	0	0	127
245				French Language and Literature	0	17	5	1	0	0	0	0	0	23
246				German Language and Literature	0	16	14	4	0	0	0	0	0	34
247				Other Foreign Languages and Literatures	0	8	8	2	0	0	0	0	0	18
248				Linguistics and Phonetics	0	21	27	4	4	0	3	0	0	59
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	7	3	1	0	0	0	0	0	11
				Literature total		0	175	129	31	10	1	12	0	0
	ARTS·HUMANITIES Total			3	501	321	102	41	4	38	2	0	1,012	
261	L A W		Basic Science of Law	0	7	6	0	0	0	1	0	0	14	
262			Public Law	0	14	10	1	0	0	1	0	0	26	
263			International Law	0	6	2	0	0	0	0	0	0	8	
264			Civil Law	0	14	10	1	0	0	0	0	0	25	
265			Social Law	0	6	4	0	1	0	0	0	0	11	
266			Criminal Law	0	3	2	0	0	0	0	0	0	5	
267			Politics	0	26	27	4	2	1	1	0	0	61	
	LAW Total		0	76	61	6	3	1	3	0	0	150		
271	E C O N O M I C S		General Theory of Economics	0	42	25	9	2	1	2	0	2	83	
272			Economical Statistics	0	5	11	0	0	0	0	0	0	16	
273			Economic Policy (inclu. Economic Condition)	2	57	12	7	1	0	3	0	0	82	
274			Economic History	0	15	6	4	0	0	0	0	0	25	
275			Public Finance, Money and Banking	0	20	14	1	2	0	0	0	0	37	
276			Commercial Science	0	13	6	2	0	0	1	0	0	22	
277			Business Administration	1	30	18	3	1	0	1	0	0	54	
278			Accounting	0	14	12	2	1	0	0	0	0	29	
	ECONOMICS Total			3	196	104	28	7	1	7	0	2	348	
301	S C I E N C E		Algebra	0	6	8	3	5	0	0	0	0	22	
302			Geometry	1	9	8	0	0	0	0	0	0	18	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	19	6	8	4	0	1	0	0	38	
305			Basic Analysis	0	13	3	4	3	0	0	0	0	23	
306			Larger-area Analysis	0	2	5	0	1	0	0	0	0	8	
		Mathematics total		1	49	30	15	13	0	1	0	0	109	
311		Astronomy		0	1	1	1	0	0	0	0	0	3	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics. and Cosmic Physics	0	14	11	2	6	0	0	0	0	33	

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	ARTS • HUMANITIES	Philosophy	Philosophy	0	3	2	0	0	0	0	0	0	5
212			Chinese Philosophy	1	1	3	0	0	0	0	0	0	5
213			Indian Philosophy (inclu. Buddhist Studies)	0	2	0	0	0	0	0	0	0	2
214			Religion	0	0	0	0	0	0	0	0	0	0
215			Ethics	0	0	0	0	0	0	0	0	0	0
216			History of Philosophy	0	1	0	0	0	0	0	0	0	1
217			Aesthetics (inclu. Arts)	0	12	9	3	1	0	0	0	0	25
218			Art History	0	0	1	0	0	0	0	0	0	1
		Philosophy total		1	19	15	3	1	0	0	0	0	39
221		Psychology • Sociology • Education	Experimental Psychology	0	2	2	0	0	0	0	0	0	4
222			Educational and Social	0	7	5	4	0	0	0	0	0	16
223			Sociology	0	5	9	7	2	0	0	0	0	23
224			Education	1	14	10	4	2	0	0	0	0	31
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	2	1	0	0	0	0	0	0	3
		Psychology • Sociology • Education Cultural Anthropology total		1	30	27	15	4	0	0	0	0	77
231		History	Japanese History	1	1	2	1	0	0	0	0	0	5
232			Oriental History	1	1	0	0	0	0	0	0	0	2
233			European History	0	0	3	3	0	0	0	0	0	6
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	0	0	0	0	0
		History total		2	2	5	4	0	0	0	0	0	13
241		Language and Literature	Japanese Language	0	2	3	0	0	0	0	0	0	5
242			Japanese Literature	0	6	4	1	0	0	0	0	0	11
243			Chinese Language and Literature	0	0	2	0	0	0	0	0	0	2
244			English Language and Literature	0	16	12	5	1	0	0	0	0	34
245			French Language and Literature	0	1	1	0	0	0	0	0	0	2
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	1	1	2	0	0	0	0	0	0	4
248			Linguistics and Phonetics	0	2	4	4	0	0	0	0	0	10
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	1	0	0	0	0	0	0	1
		Literature total		1	28	29	10	1	0	0	0	0	69
	ARTS • HUMANITIES Total			5	79	76	32	6	0	0	0	0	198
261	LAW	Basic Science of Law	0	0	0	1	0	0	0	0	0	0	1
262		Public Law	0	0	1	1	0	0	0	0	0	0	2
263		International Law	0	0	0	0	0	0	0	0	0	0	0
264		Civil Law	0	0	1	0	0	0	0	0	0	0	1
265		Social Law	0	1	0	0	0	0	0	0	0	0	1
266		Criminal Law	0	0	1	0	0	0	0	0	0	0	1
267		Politics	1	0	3	0	0	0	0	0	0	0	4
	LAW Total		1	1	6	2	0	0	0	0	0	0	10
271	ECONOMICS	General Theory of Economics	0	4	3	0	0	0	0	0	1	8	
272		Economical Statistics	0	0	0	0	0	0	0	0	0	0	0
273		Economic Policy (inclu. Economic Condition)	0	5	5	2	0	0	0	0	0	0	12
274		Economic History	0	1	1	3	0	0	0	0	0	0	5
275		Public Finance, Money and Banking	0	2	2	0	0	0	0	0	0	0	4
276		Commercial Science	0	0	1	1	0	0	0	0	0	0	2
277		Business Administration	0	4	4	0	0	0	0	0	0	0	8
278	Accounting	0	1	0	1	0	0	0	0	0	0	2	
	ECONOMICS Total		0	17	16	7	0	0	0	0	1	41	
301	SCIENCE	Algebra	0	0	0	1	0	0	0	0	0	0	1
302		Geometry	0	1	0	0	0	0	0	0	0	0	1
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	1	0	0	0	0	0	0	1
305		Basic Analysis	0	0	0	0	0	0	0	0	0	0	0
306		Larger-area Analysis	0	0	0	0	0	0	0	0	0	0	0
		Mathematics total		0	1	0	2	0	0	0	0	0	0
311	Astronomy	0	0	0	0	0	0	0	0	0	0	0	0
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	1	0	1	0	0	0	0	0	0	2

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total	
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
211	ARTS • HUMANITIES	Philosophy	Philosophy	0	2	1	0	0	0	0	0	0	3	
212			Chinese Philosophy	0	0	1	0	0	0	0	0	0	1	
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0	0	0	
214			Religion	0	0	0	1	0	0	0	0	0	1	
215			Ethics	0	0	0	0	0	0	0	0	0	0	
216			History of Philosophy	0	0	0	0	0	0	0	0	0	0	
217			Aesthetics (inclu. Arts)	0	3	1	0	0	0	0	0	0	4	
218			Art History	0	0	0	0	0	0	0	0	0	0	
		Philosophy total		0	5	3	1	0	0	0	0	0	9	
221		Psychology • Sociology • Education	Experimental Psychology	0	0	0	0	0	0	0	0	0	0	
222			Educational and Social	0	0	0	0	0	0	0	0	0	0	
223			Sociology	0	0	0	0	0	0	0	0	0	0	
224			Education	0	1	1	0	0	0	0	0	0	2	
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	0	0	0	0	0	0	
		Psychology • Sociology • Education Cultural Anthropology total		0	1	1	0	0	0	0	0	0	2	
231		History	Japanese History	0	2	0	0	0	0	0	0	0	2	
232			Oriental History	0	0	1	0	0	0	0	0	0	1	
233			European History	0	0	0	0	0	0	0	0	0	0	
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	0	0	0	0	0	
		History total		0	2	1	0	0	0	0	0	0	3	
241		Literature	Japanese Language	0	0	0	0	0	0	0	0	0	0	
242			Japanese Literature	0	3	1	0	0	0	0	0	0	4	
243			Chinese Language and Literature	0	0	0	0	0	0	0	0	0	0	
244			English Language and Literature	0	6	0	1	0	0	0	0	0	7	
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0	
246			German Language and Literature	0	1	0	0	0	0	0	0	0	1	
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	0	0	0	0	
248			Linguistics and Phonetics	0	1	3	1	0	0	0	0	0	5	
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0	0	0	
		Literature total		0	11	4	2	0	0	0	0	0	17	
	ARTS • HUMANITIES Total			0	19	9	3	0	0	0	0	0	31	
261	LAW	Basic Science of Law	0	0	0	0	0	0	0	0	0	0	0	
262		Public Law	0	0	0	0	0	0	0	0	0	0	0	
263		International Law	0	0	0	0	0	0	0	0	0	0	0	
264		Civil Law	0	0	0	0	0	0	0	0	0	0	0	
265		Social Law	0	0	0	0	0	0	0	0	0	0	0	
266		Criminal Law	0	0	0	0	0	0	0	0	0	0	0	
267		Politics	0	0	0	0	0	0	0	0	0	0	0	
	LAW Total			0	0	0	0	0	0	0	0	0	0	
271	ECONOMICS	General Theory of Economics	0	0	0	0	0	0	0	0	0	0	0	
272		Economical Statistics	0	0	0	0	0	0	0	0	0	0	0	
273		Economic Policy (inclu. Economic Condition)	0	0	1	0	0	0	0	0	0	1	1	
274		Economic History	0	0	0	0	0	0	0	0	0	0	0	
275		Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0	0	
276		Commercial Science	0	0	0	0	0	0	0	0	0	0	0	
277		Business Administration	0	0	0	0	0	0	0	0	0	0	0	
278	Accounting	0	0	0	0	0	0	0	0	0	0	0		
	ECONOMICS Total			0	0	1	0	0	0	0	0	0	1	
301	SCIENCE	Algebra	0	0	0	3	0	0	0	0	0	0	3	
302		Geometry	0	2	1	1	0	0	0	0	0	0	4	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	4	2	0	0	0	0	0	0	0	6	
305		Basic Analysis	0	1	1	1	0	0	0	0	0	0	3	
306		Larger-area Analysis	0	0	0	0	0	0	0	0	0	0	0	
		Mathematics total		0	7	4	5	0	0	0	0	0	0	16
311		Astronomy	0	1	1	0	0	0	0	0	0	0	2	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	1	0	0	0	0	0	0	0	1	

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L										
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total	
211	A R T S · H U M A N I T I E S		Philosophy	0	27	8	3	1	1	0	0	0	40	
212			Chinese Philosophy	1	8	6	0	0	0	0	0	0	15	
213			Indian Philosophy (inclu. Buddhist Studies)	0	5	2	0	0	0	0	0	0	7	
214			Religion	0	1	1	2	0	0	0	0	0	4	
215			Ethics	0	7	1	0	0	0	0	0	0	8	
216			History of Philosophy	0	11	7	3	0	0	0	0	0	21	
217			Aesthetics (inclu. Arts)	0	80	46	17	6	1	6	0	0	156	
218			Art History	0	13	9	1	1	0	1	0	0	25	
		Philosophy total		1	152	80	26	8	2	7	0	0	276	
221				Experimental Psychology	0	20	10	2	4	0	0	0	0	36
222				Educational and Social	0	35	27	20	5	0	4	0	0	91
223				Sociology	0	69	59	19	13	1	8	0	0	169
224				Education	1	44	30	16	4	0	0	0	0	95
225				Cultural Anthropology (inclu. Ethnology and Folklore)	1	11	7	2	0	0	0	0	0	21
		Psychology·Sociology·Education Cultural Anthropology total		2	179	133	59	26	1	12	0	0	412	
231				Japanese History	2	21	11	3	1	0	3	0	0	41
232				Oriental History	2	14	2	0	0	0	3	1	0	22
233				European History	0	15	17	6	1	0	1	1	0	41
234				Archaeology (inclu. Prehistory)	0	4	1	0	0	0	0	0	0	5
		History total		4	54	31	9	2	0	7	2	0	109	
241				Japanese Language	0	11	8	3	2	0	1	0	0	25
242				Japanese Literature	0	37	20	2	1	0	0	0	0	60
243				Chinese Language and Literature	0	8	13	2	0	0	0	0	0	23
244				English Language and Literature	0	83	53	19	4	1	8	0	0	168
245				French Language and Literature	0	18	6	1	0	0	0	0	0	25
246				German Language and Literature	0	17	14	4	0	0	0	0	0	35
247				Other Foreign Languages and Literatures	1	9	10	2	0	0	0	0	0	22
248				Linguistics and Phonetics	0	24	34	9	4	0	3	0	0	74
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	7	4	1	0	0	0	0	0	12
				Literature total		1	214	162	43	11	1	12	0	0
	ARTS·HUMANITIES Total			8	599	406	137	47	4	38	2	0	1,241	
261	L A W		Basic Science of Law	0	7	6	1	0	0	1	0	0	15	
262			Public Law	0	14	11	2	0	0	1	0	0	28	
263			International Law	0	6	2	0	0	0	0	0	0	8	
264			Civil Law	0	14	11	1	0	0	0	0	0	26	
265			Social Law	0	7	4	0	1	0	0	0	0	12	
266			Criminal Law	0	3	3	0	0	0	0	0	0	6	
267			Politics	1	26	30	4	2	1	1	0	0	65	
	LAW Total			1	77	67	8	3	1	3	0	0	160	
271	E C O N O M I C S		General Theory of Economics	0	46	28	9	2	1	2	0	3	91	
272			Economical Statistics	0	5	11	0	0	0	0	0	0	16	
273			Economic Policy (inclu. Economic Condition)	2	62	18	9	1	0	3	0	0	95	
274			Economic History	0	16	7	7	0	0	0	0	0	30	
275			Public Finance, Money and Banking	0	22	16	1	2	0	0	0	0	41	
276			Commercial Science	0	13	7	3	0	0	1	0	0	24	
277			Business Administration	1	34	22	3	1	0	1	0	0	62	
278			Accounting	0	15	12	3	1	0	0	0	0	31	
	ECONOMICS Total			3	213	121	35	7	1	7	0	3	390	
301	S C I E N C E		Algebra	0	6	8	7	5	0	0	0	0	26	
302			Geometry	1	12	9	1	0	0	0	0	0	23	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	23	8	9	4	0	1	0	0	45	
305			Basic Analysis	0	14	4	5	3	0	0	0	0	26	
306			Larger-area Analysis	0	2	5	0	1	0	0	0	0	8	
		Mathematics total		1	57	34	22	13	0	1	0	0	128	
311		Astronomy		0	2	2	1	0	0	0	0	0	5	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics. and Cosmic Physics	0	15	12	3	6	0	0	0	0	36	

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	7	8	5	0	0	1	0	0	21
323			Solid-State Physics II (Magnetism, Metal Physics,	0	12	8	2	1	0	0	0	0	23
324			Physical Properties in General (inclu. Basic Theories)	0	5	3	3	5	0	0	0	0	16
325			Physics in General	0	5	5	1	3	0	2	0	0	16
			Physics total	0	43	35	13	15	0	3	0	0	109
331			Physics of Solid Earth	0	2	1	1	0	0	0	0	0	4
332			Meteorology, Oceanography and Hydrology	0	3	1	1	2	0	1	0	0	8
333			Aeronomy	0	0	0	0	1	0	0	0	0	1
334			Geology	0	7	5	0	0	0	0	0	0	12
335			Stratigraphy and Paleontology	0	1	2	0	1	0	2	0	0	6
336			Mineralogy, Petrology and Study of Mineral Deposit	0	2	1	2	1	0	0	0	0	6
337			Geochemistry	0	0	4	0	0	0	0	0	0	4
			Earth Science total	0	15	14	4	5	0	3	0	0	41
341			Physical Chemistry	0	10	13	5	9	2	0	0	0	39
342			Organic Chemistry	0	12	9	6	7	0	3	0	0	37
343			Inorganic Chemistry	0	6	5	1	4	0	0	0	0	16
344			Function, Properties and Materials in Chemistry	0	3	6	2	2	0	0	0	0	13
345			Substance Transformation	0	1	0	0	0	0	0	0	0	1
346			Separation, Refining and Identification	0	5	5	2	1	0	0	0	1	14
			Chemistry total	0	37	38	16	23	2	3	0	1	120
351			Genetics	1	6	4	1	4	0	2	0	0	18
352			Ecology	0	12	7	2	3	0	1	0	0	25
353			Plant Physiology	0	12	8	3	11	1	3	1	0	39
354			Morphology, Structure of Organism	0	2	1	2	0	0	0	0	0	5
355			Animal Physiology and	0	4	5	2	2	0	0	0	0	13
356			Morphology and Taxonomy	0	3	3	0	3	0	3	0	1	13
			Biology total	1	39	28	10	23	1	9	1	1	113
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	2	0	2	0	0	0	0	4
	SCIENCE Total			2	184	148	59	81	3	19	1	2	499
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	11	1	1	5	0	2	0	0	20
402			Surface Physics	0	1	2	2	0	0	1	0	0	6
403			Applied Optics and Quantum Optics	0	3	7	1	2	0	0	0	0	13
404			General Applied Physics	0	1	4	1	1	0	0	0	0	7
405			Fundamentals of Engineering	0	1	1	3	0	0	1	0	0	6
			Applied Physics·Fundamentals of Engineering total	0	17	15	8	8	0	4	0	0	52
411			Materials for Machines and Strength of Materials	0	6	7	4	3	0	1	0	0	21
412			Workshop Processes and Production Engineering	0	4	4	2	6	1	3	0	0	20
413			Design Engineering, Machine Elements and Tribology	0	5	2	0	3	0	0	0	0	10
414			Fluid Mechanics	0	7	5	3	5	0	2	0	0	22
415			Heat Engineering	0	6	4	0	2	0	2	0	0	14
416			Mechanics and Control Engineering	0	2	3	1	3	0	0	0	0	9
417			Intelligent Mechanics and Machine System	0	5	9	0	3	0	6	0	1	24
			Machine Engineering total	0	35	34	10	25	1	14	0	1	120
421			Electric Power Engineering and Electric Machinery	0	7	3	1	3	0	3	0	0	17
422			Electronic and Electric Materials Engineering	0	6	2	1	5	0	2	0	0	16
423			Electron Devices and Apparatus Engineering	0	10	5	2	4	1	2	0	0	24
424			Information and Communication Engineering	0	24	17	6	15	0	7	0	0	69

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	1	0	0	0	0	0	0	0	1
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	0	0	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	0	0	0	0	0	0
325			Physics in General	0	0	0	0	0	0	0	0	0	0
			Physics total	0	2	0	1	0	0	0	0	0	3
331			Physics of Solid Earth	0	0	0	0	0	0	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	1	0	0	0	0	0	0	0	1
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	1	0	0	0	0	0	0	0	1
341			Physical Chemistry	0	2	0	0	0	0	0	0	0	2
342			Organic Chemistry	0	0	0	0	0	0	0	0	0	0
343			Inorganic Chemistry	0	0	1	0	0	0	0	0	0	1
344			Function, Properties and Materials in Chemistry	0	1	0	0	0	0	0	0	0	1
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	1	0	0	0	0	0	0	0	1
			Chemistry total	0	4	1	0	0	0	0	0	0	5
351			Genetics	0	0	0	0	0	0	0	0	0	0
352			Ecology	0	1	0	0	1	0	0	0	0	2
353			Plant Physiology	0	0	0	0	1	0	0	0	0	1
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0	0	0
355			Animal Physiology and	0	1	1	0	1	0	0	0	0	3
356			Morphology and Taxonomy	0	1	0	0	0	0	0	0	0	1
			Biology total	0	3	1	0	3	0	0	0	0	7
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
	SCIENCE Total			0	11	2	3	3	0	0	0	0	19
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	0	0	0	0	0
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0	0	0	0	0	0	0
404			General Applied Physics	0	0	0	0	0	0	0	0	0	0
405			Fundamentals of Engineering	0	0	0	0	0	0	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	0	0	0	0	0	0	0	0	0	0
411			Materials for Machines and Strength of Materials	0	0	0	0	0	0	0	0	0	0
412			Workshop Processes and Production Engineering	0	1	0	0	0	0	0	0	0	1
413			Design Engineering, Machine Elements and Tribology	0	0	0	0	0	0	0	0	0	0
414			Fluid Mechanics	0	1	0	0	0	0	0	0	0	1
415			Heat Engineering	0	0	0	0	0	0	0	0	0	0
416			Mechanics and Control Engineering	0	0	0	0	0	0	0	0	0	0
417			Intelligent Mechanics and Machine System	0	1	0	0	0	0	0	0	0	1
			Machine Engineering total	0	3	0	0	0	0	0	0	0	3
421	G		Electric Power Engineering and Electric Machinery	0	0	0	0	0	0	0	0	0	0
422			Electronic and Electric Materials Engineering	0	0	0	0	0	0	0	0	0	0
423			Electron Devices and Apparatus Engineering	0	0	0	0	0	0	0	0	0	0
424			Information and Communication Engineering	0	0	2	0	0	0	0	0	0	2

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	1	0	0	0	0	0	0	0	1
323			Solid-State Physics II (Magnetism, Metal Physics,	0	1	0	1	0	0	0	0	0	2
324			Physical Properties in General (inclu. Basic Theories)	0	3	1	0	0	0	0	0	0	4
325			Physics in General	0	1	1	0	0	0	0	0	0	2
			Physics total	0	6	3	1	0	0	0	0	0	10
331			Physics of Solid Earth	0	0	0	0	0	0	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	0	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	0	0	0	0	0	0	0	0	0
341			Physical Chemistry	0	0	1	1	0	0	0	0	0	2
342			Organic Chemistry	0	1	2	0	0	0	0	0	0	3
343			Inorganic Chemistry	0	0	1	0	0	0	0	0	0	1
344			Function, Properties and Materials in Chemistry	0	0	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	0	0	0	0	0	0	0	0
			Chemistry total	0	1	4	1	0	0	0	0	0	6
351			Genetics	0	0	0	0	0	0	0	0	0	0
352			Ecology	0	0	0	0	0	0	0	0	0	0
353			Plant Physiology	0	0	0	0	0	0	0	0	0	0
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0	0	0
355			Animal Physiology and	0	0	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	0	0	0	0	0	0	0	0	0	0
			Biology total	0	0	0	0	0	0	0	0	0	0
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
			SCIENCE Total	0	15	12	7	0	0	0	0	0	34
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	1	0	1	0	0	0	2
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	1	0	0	0	0	0	0	1
404			General Applied Physics	0	0	0	0	0	0	0	0	0	0
405			Fundamentals of Engineering	0	0	1	0	0	0	0	0	0	1
			Applied Physics·Fundamentals of Engineering total	0	0	2	1	0	1	0	0	0	4
411			Materials for Machines and Strength of Materials	0	3	1	1	0	0	0	0	0	5
412			Workshop Processes and Production Engineering	0	4	4	1	1	0	0	0	0	10
413			Design Engineering, Machine Elements and Tribology	0	4	1	0	0	0	0	0	0	5
414			Fluid Mechanics	0	6	0	1	1	0	0	0	0	8
415			Heat Engineering	0	6	1	0	0	0	0	0	0	7
416			Mechanics and Control Engineering	0	3	1	1	0	0	0	0	0	5
417			Intelligent Mechanics and Machine System	0	1	0	0	0	0	0	0	0	1
			Machine Engineering total	0	27	8	4	2	0	0	0	0	41
421			Electric Power Engineering and Electric Machinery	0	5	2	0	0	0	0	0	0	7
422			Electronic and Electric Materials Engineering	0	0	0	0	0	0	0	0	0	0
423			Electron Devices and Apparatus Engineering	0	3	1	0	0	0	0	0	0	4
424			Information and Communication Engineering	0	5	3	1	0	0	0	0	0	9

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	9	8	5	0	0	1	0	0	23
323			Solid-State Physics II (Magnetism, Metal Physics,	0	13	8	3	1	0	0	0	0	25
324			Physical Properties in General (inclu. Basic Theories)	0	8	4	3	5	0	0	0	0	20
325			Physics in General	0	6	6	1	3	0	2	0	0	18
			Physics total	0	51	38	15	15	0	3	0	0	122
331			Physics of Solid Earth	0	2	1	1	0	0	0	0	0	4
332			Meteorology, Oceanography and Hydrology	0	3	1	1	2	0	1	0	0	8
333			Aeronomy	0	0	0	0	1	0	0	0	0	1
334			Geology	0	8	5	0	0	0	0	0	0	13
335			Stratigraphy and Paleontology	0	1	2	0	1	0	2	0	0	6
336			Mineralogy, Petrology and Study of Mineral Deposit	0	2	1	2	1	0	0	0	0	6
337			Geochemistry	0	0	4	0	0	0	0	0	0	4
			Earth Science total	0	16	14	4	5	0	3	0	0	42
341			Physical Chemistry	0	12	14	6	9	2	0	0	0	43
342			Organic Chemistry	0	13	11	6	7	0	3	0	0	40
343			Inorganic Chemistry	0	6	7	1	4	0	0	0	0	18
344			Function, Properties and Materials in Chemistry	0	4	6	2	2	0	0	0	0	14
345			Substance Transformation	0	1	0	0	0	0	0	0	0	1
346			Separation, Refining and Identification	0	6	5	2	1	0	0	0	1	15
			Chemistry total	0	42	43	17	23	2	3	0	1	131
351			Genetics	1	6	4	1	4	0	2	0	0	18
352			Ecology	0	13	7	2	4	0	1	0	0	27
353			Plant Physiology	0	12	8	3	12	1	3	1	0	40
354			Morphology, Structure of Organism	0	2	1	2	0	0	0	0	0	5
355			Animal Physiology and	0	5	6	2	3	0	0	0	0	16
356			Morphology and Taxonomy	0	4	3	0	3	0	3	0	1	14
			Biology total	1	42	29	10	26	1	9	1	1	120
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	2	0	2	0	0	0	0	4
	SCIENCE Total			2	210	162	69	84	3	19	1	2	552
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	11	1	2	5	1	2	0	0	22
402			Surface Physics	0	1	2	2	0	0	1	0	0	6
403			Applied Optics and Quantum Optics	0	3	8	1	2	0	0	0	0	14
404			General Applied Physics	0	1	4	1	1	0	0	0	0	7
405			Fundamentals of Engineering	0	1	2	3	0	0	1	0	0	7
			Applied Physics·Fundamentals of Engineering total	0	17	17	9	8	1	4	0	0	56
411			Materials for Machines and Strength of Materials	0	9	8	5	3	0	1	0	0	26
412			Workshop Processes and Production Engineering	0	9	8	3	7	1	3	0	0	31
413			Design Engineering, Machine Elements and Tribology	0	9	3	0	3	0	0	0	0	15
414			Fluid Mechanics	0	14	5	4	6	0	2	0	0	31
415			Heat Engineering	0	12	5	0	2	0	2	0	0	21
416			Mechanics and Control Engineering	0	5	4	2	3	0	0	0	0	14
417			Intelligent Mechanics and Machine System	0	7	9	0	3	0	6	0	1	26
			Machine Engineering total	0	65	42	14	27	1	14	0	1	164
421			Electric Power Engineering and Electric Machinery	0	12	5	1	3	0	3	0	0	24
422			Electronic and Electric Materials Engineering	0	6	2	1	5	0	2	0	0	16
423			Electron Devices and Apparatus Engineering	0	13	6	2	4	1	2	0	0	28
424			Information and Communication Engineering	0	29	22	7	15	0	7	0	0	80

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425			System Engineering	2	4	2	0	1	0	2	0	0	11
427			Electronic Measurements	0	4	2	1	2	0	0	0	0	9
428			Control Engineering	0	7	6	8	4	0	1	0	1	27
			Electric and Electronic Engineering	2	62	37	19	34	1	17	0	1	173
431			Construction Materials and Dynamics in General Civil Engineering	0	1	1	0	2	0	0	0	0	4
432			Structural Engineering and Seismology	0	3	4	2	4	0	1	0	0	14
433			Ground Engineering	0	3	2	2	2	1	1	0	0	11
434			Hydraulics and River Engineering	0	6	0	1	2	0	1	0	0	10
435			Traffic Engineering and Regional Planning	1	4	1	0	2	0	1	0	0	9
436			Civil Environmental System	0	1	3	0	3	0	0	0	0	7
			Civil Engineering total	1	18	11	5	15	1	4	0	0	55
441	E		Building Structure and Materials	0	15	4	3	9	0	1	0	0	32
442	N		Building Science and Building Equipment	0	9	7	2	5	0	0	0	0	23
443	G		City Planning and Building Planning	0	13	13	3	7	1	3	0	0	40
444	I		Architectural History and Design	0	6	6	1	2	0	1	0	0	16
			Architecture total	0	43	30	9	23	1	5	0	0	111
451	N		Physical Metallurgy	0	1	1	0	3	0	0	0	0	5
452			Inorganic Materials and	0	1	0	0	2	0	1	0	0	4
453	E		Composed Materials and Properties	0	3	1	1	1	0	1	0	0	7
454	E		Structural and Functional Materials	0	5	4	0	0	0	0	0	0	9
455	R		Metallurgy and Material	0	1	2	0	2	0	1	0	0	6
456	I		Metal Productive Engineering	0	1	1	1	0	0	0	0	0	3
			Material Engineering total	0	12	9	2	8	0	3	0	0	34
461			Chemical Engineering in General	0	2	3	0	2	0	1	0	0	8
462	N		Reaction and Separation Engineering	0	3	1	2	0	0	1	0	0	7
463	G		Catalyst and Chemical Process	0	4	1	0	0	0	0	0	0	5
464			Bioengineering	0	6	2	1	8	0	0	0	0	17
465			Industrial Analytical Chemistry	0	4	0	0	1	0	0	0	0	5
			Process Engineering total	0	19	7	3	11	0	2	0	0	42
471			Industrial Physical Chemistry	0	5	4	3	4	0	0	0	0	16
472			Industrial Inorganic Chemistry	0	1	1	0	2	0	0	0	0	4
473			Industrial Organic Chemistry	0	1	2	0	0	0	0	0	0	3
474			Synthetic Chemistry	0	3	2	2	4	0	0	0	0	11
475			Polymer Synthesis	0	5	5	0	2	0	0	0	0	12
476			Polymer Structure and Property (inclu. Fiber)	0	2	3	2	3	0	1	0	0	11
			Industrial Chemistry total	0	17	17	7	15	0	1	0	0	57
481			Aeronautics	0	3	1	0	2	0	3	0	0	9
482			Ship Engineering	0	2	0	1	0	0	0	0	0	3
483			Marine Engineering	0	1	1	0	2	0	0	0	0	4
484			Resource Development Engineering	0	0	1	0	0	0	0	0	0	1
			Synthetic Engineering total	0	6	3	1	4	0	3	0	0	17
			ENGINEERING Total	3	229	163	64	143	4	53	0	2	661
501	A		Plant Breeding	0	6	3	1	2	0	3	0	1	16
502	G		Crop Science	0	2	1	1	1	0	1	0	0	6
503	R		Horticulture and Landscape Architecture	0	12	12	5	5	0	7	0	1	42
504	I		Plant Protection	0	3	2	1	1	0	4	0	0	11
505	C		Sericultural Science and Economic Entomology	0	1	0	0	0	0	2	0	0	3
			Agriculture total	0	24	18	8	9	0	17	0	2	78
511	U		Plant Fertilizer and Manure and Soil Science	0	5	2	0	1	0	0	0	0	8
512	R		Applied Microbiochemistry and Applied Biochemistry	0	12	7	3	11	0	3	0	0	36
513			Biological Productive Chemistry and Bioorganic Chemistry	1	8	2	0	3	0	0	0	0	14
514			Food Science and Nutritional Chemistry	1	19	8	10	5	0	2	0	0	45

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	0	0	0	0	0	0	0	0	0	0
427			Electronic Measurements	0	0	0	0	0	0	0	0	0	0
428			Control Engineering	0	0	0	0	0	0	0	0	0	0
			Electric and Electronic Engineering	0	0	2	0	0	0	0	0	0	2
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	0	0	0	0	0
434			Hydraulics and River Engineering	0	0	0	0	0	0	0	0	0	0
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	1	1	0	0	0	0	0	2
			Civil Engineering total	0	0	1	1	0	0	0	0	0	2
441		G	Building Structure and Materials	0	0	0	0	0	0	0	0	0	0
442			Building Science and Building Equipment	0	2	1	1	0	0	0	0	0	4
443			City Planning and Building Planning	0	2	2	1	0	0	0	0	0	5
444			Architectural History and Design	0	3	0	1	0	0	0	0	0	4
			Architecture total	0	7	3	3	0	0	0	0	0	13
451		N	Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	0	0	0	0	0	0	0	0
454			Structural and Functional Materials	0	0	0	0	0	0	0	0	0	0
455		R	Metallurgy and Material	0	0	0	0	0	0	0	0	0	0
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	0	0	0	0	0	0	0
461		G	Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	0	0	0	0	0	0	0	0
471			Industrial Physical Chemistry	0	0	0	0	0	0	0	0	0	0
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	0	0	0	0	0	0
475			Polymer Synthesis	0	0	0	0	0	0	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	0	3	0	0	1	0	0	0	0	4
			Industrial Chemistry total	0	3	0	0	1	0	0	0	0	4
481			Aeronautics	0	0	0	0	0	0	0	0	0	0
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	0	0	0	0	0	0	0
			ENGINEERING Total	0	13	6	4	1	0	0	0	0	24
501	A G R I C U L T U R E		Plant Breeding	0	1	2	0	0	0	0	0	0	3
502			Crop Science	0	1	1	0	0	0	0	0	0	2
503			Horticulture and Landscape Architecture	0	3	1	2	1	0	0	0	0	7
504			Plant Protection	1	2	1	2	1	0	0	0	0	7
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	1	7	5	4	2	0	0	0	0	19
511			Plant Fertilizer and Manure and Soil Science	0	3	1	1	0	0	0	0	0	5
512			Applied Microbiochemistry and Applied Biochemistry	0	1	0	0	0	0	0	0	0	1
513			Biological Productive Chemistry and Bioorganic Chemistry	0	1	0	0	0	0	0	0	0	1
514			Food Science and Nutritional Chemistry	0	11	8	4	3	0	0	0	0	26

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E		System Engineering	0	1	1	0	0	0	0	0	0	2
427			Electronic Measurements	0	3	1	0	0	0	0	0	0	4
428			Control Engineering	0	0	5	1	0	0	0	0	0	6
			Electric and Electronic Engineering	0	17	13	2	0	0	0	0	0	32
431			Construction Materials and Dynamics in General Civil Engineering	0	1	0	0	0	0	0	0	0	1
432			Structural Engineering and Seismology	0	2	1	1	0	0	0	0	0	4
433			Ground Engineering	0	0	0	0	0	0	0	0	0	0
434			Hydraulics and River Engineering	0	3	2	0	0	0	0	0	0	5
435			Traffic Engineering and Regional Planning	0	1	0	0	0	0	0	0	0	1
436			Civil Environmental System	0	0	1	0	0	0	0	0	0	1
			Civil Engineering total	0	7	4	1	0	0	0	0	0	12
441		N	Building Structure and Materials	0	0	0	0	0	0	0	0	0	0
442			Building Science and Building Equipment	0	0	0	1	0	0	0	0	0	1
443			City Planning and Building Planning	0	1	0	0	0	0	0	0	0	1
444			Architectural History and Design	0	0	0	0	0	0	0	0	0	0
			Architecture total	0	1	0	1	0	0	0	0	0	2
451		N	Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	1	0	0	0	0	0	0	1
454			Structural and Functional Materials	0	1	0	0	0	0	0	0	0	1
455	R		Metallurgy and Material	0	1	1	1	0	0	0	0	0	3
456			Metal Productive Engineering	0	1	0	0	0	0	0	0	0	1
			Material Engineering total	0	3	2	1	0	0	0	0	0	6
461			Chemical Engineering in General	0	3	0	0	0	0	0	0	0	3
462	G		Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	1	0	0	0	0	0	1
			Process Engineering total	0	3	0	1	0	0	0	0	0	4
471			Industrial Physical Chemistry	0	2	0	0	0	0	0	0	0	2
472			Industrial Inorganic Chemistry	0	1	0	0	0	0	0	0	0	1
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	1	2	0	0	0	0	0	0	3
475			Polymer Synthesis	0	1	0	0	0	0	0	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	0	1	0	0	0	0	0	0	0	1
			Industrial Chemistry total	0	6	2	0	0	0	0	0	0	8
481			Aeronautics	0	0	0	0	1	1	0	0	0	2
482			Ship Engineering	0	0	0	0	1	0	0	0	0	1
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	1	0	1	0	0	0	0	0	2
			Synthetic Engineering total	0	1	0	1	2	1	0	0	0	5
			ENGINEERING Total	0	65	31	12	4	2	0	0	0	114
501	A		Plant Breeding	0	0	0	0	0	0	0	0	0	0
502			Crop Science	0	0	0	0	0	0	0	0	0	0
503			Horticulture and Landscape Architecture	0	1	0	0	0	0	0	0	0	1
504			Plant Protection	0	0	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	1	0	0	0	0	0	0	0	1
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	0	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	0	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0	0
514			Food Science and Nutritional Chemistry	0	0	0	0	0	0	0	0	0	0

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425			System Engineering	2	5	3	0	1	0	2	0	0	13
427			Electronic Measurements	0	7	3	1	2	0	0	0	0	13
428			Control Engineering	0	7	11	9	4	0	1	0	1	33
			Electric and Electronic Engineering	2	79	52	21	34	1	17	0	1	207
431			Construction Materials and Dynamics in General Civil Engineering	0	2	1	0	2	0	0	0	0	5
432			Structural Engineering and Seismology	0	5	5	3	4	0	1	0	0	18
433			Ground Engineering	0	3	2	2	2	1	1	0	0	11
434			Hydraulics and River Engineering	0	9	2	1	2	0	1	0	0	15
435			Traffic Engineering and Regional Planning	1	5	1	0	2	0	1	0	0	10
436			Civil Environmental System	0	1	5	1	3	0	0	0	0	10
			Civil Engineering total	1	25	16	7	15	1	4	0	0	69
441	E		Building Structure and Materials	0	15	4	3	9	0	1	0	0	32
442	N		Building Science and Building Equipment	0	11	8	4	5	0	0	0	0	28
443	G		City Planning and Building Planning	0	16	15	4	7	1	3	0	0	46
444	I		Architectural History and Design	0	9	6	2	2	0	1	0	0	20
			Architecture total	0	51	33	13	23	1	5	0	0	126
451	N		Physical Metallurgy	0	1	1	0	3	0	0	0	0	5
452			Inorganic Materials and	0	1	0	0	2	0	1	0	0	4
453	E		Composed Materials and Properties	0	3	2	1	1	0	1	0	0	8
454	E		Structural and Functional Materials	0	6	4	0	0	0	0	0	0	10
455	R		Metallurgy and Material	0	2	3	1	2	0	1	0	0	9
456			Metal Productive Engineering	0	2	1	1	0	0	0	0	0	4
			Material Engineering total	0	15	11	3	8	0	3	0	0	40
461	I		Chemical Engineering in General	0	5	3	0	2	0	1	0	0	11
462	N		Reaction and Separation Engineering	0	3	1	2	0	0	1	0	0	7
463	G		Catalyst and Chemical Process	0	4	1	0	0	0	0	0	0	5
464			Bioengineering	0	6	2	1	8	0	0	0	0	17
465			Industrial Analytical Chemistry	0	4	0	1	1	0	0	0	0	6
			Process Engineering total	0	22	7	4	11	0	2	0	0	46
471			Industrial Physical Chemistry	0	7	4	3	4	0	0	0	0	18
472			Industrial Inorganic Chemistry	0	2	1	0	2	0	0	0	0	5
473			Industrial Organic Chemistry	0	1	2	0	0	0	0	0	0	3
474			Synthetic Chemistry	0	4	4	2	4	0	0	0	0	14
475			Polymer Synthesis	0	6	5	0	2	0	0	0	0	13
476			Polymer Structure and Property (inclu. Fiber)	0	6	3	2	4	0	1	0	0	16
			Industrial Chemistry total	0	26	19	7	16	0	1	0	0	69
481			Aeronautics	0	3	1	0	3	1	3	0	0	11
482			Ship Engineering	0	2	0	1	1	0	0	0	0	4
483			Marine Engineering	0	1	1	0	2	0	0	0	0	4
484			Resource Development Engineering	0	1	1	1	0	0	0	0	0	3
			Synthetic Engineering total	0	7	3	2	6	1	3	0	0	22
			ENGINEERING Total	3	307	200	80	148	6	53	0	2	799
501	A		Plant Breeding	0	7	5	1	2	0	3	0	1	19
502	G		Crop Science	0	3	2	1	1	0	1	0	0	8
503	R		Horticulture and Landscape Architecture	0	16	13	7	6	0	7	0	1	50
504	I		Plant Protection	1	5	3	3	2	0	4	0	0	18
505	C		Sericultural Science and Economic Entomology	0	1	0	0	0	0	2	0	0	3
			Agriculture total	1	32	23	12	11	0	17	0	2	98
511	U		Plant Fertilizer and Manure and Soil Science	0	8	3	1	1	0	0	0	0	13
512	R		Applied Microbiochemistry and Applied Biochemistry	0	13	7	3	11	0	3	0	0	37
513			Biological Productive Chemistry and Bioorganic Chemistry	1	9	2	0	3	0	0	0	0	15
514			Food Science and Nutritional Chemistry	1	30	16	14	8	0	2	0	0	71

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	2	44	19	13	20	0	5	0	0	103
521			Forestry	0	5	3	1	4	0	0	0	0	13
522	G		Wood Science	0	3	2	0	1	0	0	0	1	7
			Forestry total	0	8	5	1	5	0	0	0	1	20
531	R		Fisheries in General	0	1	3	1	1	0	0	0	0	6
532			Fisheries Chemistry	0	0	1	0	0	0	0	0	0	1
			Fisheries total	0	1	4	1	1	0	0	0	0	7
541	I		Agricultural Economics	0	12	7	2	3	0	1	0	1	26
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	2	3	0	0	1	1	0	0	7
552	U		Agricultural Machinery	0	1	0	0	0	0	0	0	0	1
553	L		Biological Environment	0	4	2	1	3	0	0	0	0	10
			Agricultural Engineering total	0	7	5	1	3	1	1	0	0	18
561	T		Animal Science and Grassland Science	0	1	1	0	1	0	1	0	0	4
562	U		Applied Animal Science	0	1	1	0	0	0	0	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	0	5	5	1	3	1	2	0	0	17
564			Applied Veterinary Medicine	0	6	4	0	3	0	2	0	0	15
	E		Animal Science·Veterinary Medicine total	0	13	11	1	7	1	5	0	0	38
571			Biological Resource Science	0	2	0	1	0	0	1	0	0	4
572			Applied Molecular Cell Biology	0	2	1	0	1	0	2	0	0	6
			Interdisciplinary Agricultural Science total	0	4	1	1	1	0	3	0	0	10
			AGRICULTURE Total	2	113	70	28	49	2	32	0	4	300
601			Anatomy in General (inclu. Histology, Embryology)	0	6	7	3	11	0	2	0	0	29
602			Physiology in General	1	7	2	6	8	1	2	0	0	27
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	7	7	6	1	1	0	0	0	22
604			Pharmacology in General	0	8	5	4	5	0	1	0	0	23
605			Medical Chemistry in General	0	11	3	5	7	0	0	0	0	26
606			Pathological Medical Chemistry	1	5	2	0	3	0	2	0	0	13
			Physiology total	2	44	26	24	35	2	7	0	0	140
611	M		Hominal Pathology	0	10	8	7	13	5	3	1	0	47
612	E		Experimental Pathology	0	6	5	5	8	0	2	0	0	26
613	D		Parasitology (inclu. Medical Zoology)	0	3	3	2	6	0	0	0	0	14
614			Bacteriology (inclu. Eumycetes)	0	8	3	5	3	0	1	0	0	20
615	I		Virology	1	5	0	0	5	0	2	0	0	13
616			Immunology	0	3	1	1	8	0	0	0	0	13
			Pathology total	1	35	20	20	43	5	8	1	0	133
621	C		Hygiene	0	6	4	3	6	0	0	0	0	19
622	I		Public Health and Health Science	2	35	28	12	14	6	5	0	0	102
623			Legal Medicine	0	5	0	8	9	0	0	0	1	23
			Social Medicine total	2	46	32	23	29	6	5	0	1	144
631	N		Internal Medicine in General	1	12	7	6	17	1	2	0	0	46
632	E		Gastroenterology	0	7	7	11	17	1	8	0	0	51
633			Internal Medicine Respiratory System	0	4	3	8	15	0	4	0	0	34
634			Neurological Medicine	0	5	6	6	9	3	0	0	0	29
635			Cardioangiopathy	0	8	8	13	14	2	8	0	0	53
636			Pediatrics	1	9	8	13	23	7	1	0	0	62
637			Dermatology	0	8	5	10	9	3	2	0	0	37
638			Radiology	0	9	10	9	11	0	1	0	2	42
639			Neuropsychiatry	0	9	3	10	24	0	5	0	0	51
641			Hematology	0	7	4	4	7	1	2	0	0	25
642			Internal Medicine of Kidney	0	4	2	6	2	0	2	0	0	16
643			Embryology and Newborn	0	0	5	0	4	1	0	0	0	10
644			Endocrinology	0	2	1	3	1	0	1	0	0	8
645			Metabolic Science	0	3	4	3	2	2	0	0	0	14
			Internal Medicine total	2	87	73	102	155	21	36	0	2	478
651			Surgery in General	0	4	6	8	13	1	1	0	1	34
652			Gastroenterological Surgery	0	5	13	12	16	1	10	0	0	57
653			Thoracic Surgery	0	3	2	6	10	0	1	0	0	22

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	16	9	5	3	0	0	0	0	33
521			Forestry	0	0	1	0	0	0	0	0	0	1
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	0	1	0	0	0	0	0	0	1
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	1	0	0	0	0	0	0	1
			Fisheries total	0	0	1	0	0	0	0	0	0	1
541	I		Agricultural Economics	1	4	0	1	0	0	0	0	0	6
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	5	2	2	0	0	0	0	0	10
552	U		Agricultural Machinery	0	2	1	0	0	0	0	0	0	3
553	L		Biological Environment	0	0	1	0	0	0	0	0	0	1
			Agricultural Engineering total	1	7	4	2	0	0	0	0	0	14
561	T		Animal Science and Grassland Science	0	1	3	1	1	0	0	0	0	6
562	U		Applied Animal Science	0	3	2	0	1	0	0	0	0	6
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	0	0	0	0	0	0	0	1
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	5	5	1	2	0	0	0	0	13
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	3	39	25	13	7	0	0	0	0	87
601			Anatomy in General (inclu. Histology, Embryology)	0	2	1	0	0	0	0	0	0	3
602			Physiology in General	0	2	1	0	0	0	0	0	0	3
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	2	4	0	1	0	0	0	0	7
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	0	0	0	0	0	0	0	0	0
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	6	6	0	1	0	0	0	0	13
611	M		Hominal Pathology	0	1	0	0	0	0	0	0	0	1
612	E		Experimental Pathology	0	0	1	0	1	0	0	0	0	2
613	D		Parasitology (inclu. Medical Zoology)	0	1	1	0	0	0	0	0	0	2
614			Bacteriology (inclu. Eumycetes)	0	2	1	2	3	0	0	0	0	8
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	2	0	0	0	0	0	2
			Pathology total	0	4	3	4	4	0	0	0	0	15
621	C		Hygiene	0	2	0	0	0	0	0	0	0	2
622	I		Public Health and Health Science	0	7	5	3	1	0	0	0	0	16
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	9	5	3	1	0	0	0	0	18
631	N		Internal Medicine in General	0	4	0	0	0	0	0	0	0	4
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	0
635			Cardioangiopathy	0	0	0	0	0	1	0	0	0	1
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	1	1	0	0	0	0	0	0	2
639			Neuropsychiatry	0	1	1	0	1	0	0	0	0	3
641			Hematology	0	1	0	2	0	0	0	0	0	3
642			Internal Medicine of Kidney	0	1	0	0	0	0	0	0	0	1
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	1	0	0	0	0	0	0	0	1
			Internal Medicine total	0	9	2	2	1	1	0	0	0	15
651			Surgery in General	0	3	0	0	0	0	0	0	0	3
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	0	0	0	0	0
521			Forestry	0	0	0	0	0	0	0	0	0	0
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	0	0	0	0	0	0	0	0	0
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	0	0	0	0	0
			Fisheries total	0	0	0	0	0	0	0	0	0	0
541	I		Agricultural Economics	0	0	0	0	0	0	0	0	0	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	0	0	0	0	0
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	0	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	1	0	0	0	0	0	0	0	1
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	0	0	0	0	0
602			Physiology in General	0	0	0	0	0	0	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	1	0	0	0	0	0	1
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	0	0	0	0	0	0	0	0	0
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	0	0	1	0	0	0	0	0	1
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	0	0	0	0	0
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	0	0	0	0	0	0	0	0
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	0	0	0	0	0	0	0	0
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	0	0	0	0	0
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	0
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	0	0	0	0	0
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	0	0	0	0	0	0	0	0	0
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	2	60	28	18	23	0	5	0	0	136
521			Forestry	0	5	4	1	4	0	0	0	0	14
522	G		Wood Science	0	3	2	0	1	0	0	0	1	7
			Forestry total	0	8	6	1	5	0	0	0	1	21
531	R		Fisheries in General	0	1	3	1	1	0	0	0	0	6
532			Fisheries Chemistry	0	0	2	0	0	0	0	0	0	2
			Fisheries total	0	1	5	1	1	0	0	0	0	8
541	I		Agricultural Economics	1	16	7	3	3	0	1	0	1	32
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	7	5	2	0	1	1	0	0	17
552	U		Agricultural Machinery	0	3	1	0	0	0	0	0	0	4
553	L		Biological Environment	0	4	3	1	3	0	0	0	0	11
			Agricultural Engineering total	1	14	9	3	3	1	1	0	0	32
561	T		Animal Science and Grassland Science	0	2	4	1	2	0	1	0	0	10
562	U		Applied Animal Science	0	4	3	0	1	0	0	0	0	8
563	R		Basic Veterinary Medicine and Basic Animal Science	0	6	5	1	3	1	2	0	0	18
564			Applied Veterinary Medicine	0	6	4	0	3	0	2	0	0	15
	E		Animal Science·Veterinary Medicine total	0	18	16	2	9	1	5	0	0	51
571			Biological Resource Science	0	2	0	1	0	0	1	0	0	4
572			Applied Molecular Cell Biology	0	2	1	0	1	0	2	0	0	6
			Interdisciplinary Agricultural Science total	0	4	1	1	1	0	3	0	0	10
			AGRICULTURE Total	5	153	95	41	56	2	32	0	4	388
601			Anatomy in General (inclu. Histology, Embryology)	0	8	8	3	11	0	2	0	0	32
602			Physiology in General	1	9	3	6	8	1	2	0	0	30
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	9	11	7	2	1	0	0	0	30
604			Pharmacology in General	0	8	5	4	5	0	1	0	0	23
605			Medical Chemistry in General	0	11	3	5	7	0	0	0	0	26
606			Pathological Medical Chemistry	1	5	2	0	3	0	2	0	0	13
			Physiology total	2	50	32	25	36	2	7	0	0	154
611	M		Hominal Pathology	0	11	8	7	13	5	3	1	0	48
612	E		Experimental Pathology	0	6	6	5	9	0	2	0	0	28
613	D		Parasitology (inclu. Medical Zoology)	0	4	4	2	6	0	0	0	0	16
614			Bacteriology (inclu. Eumycetes)	0	10	4	7	6	0	1	0	0	28
615	I		Virology	1	5	0	0	5	0	2	0	0	13
616			Immunology	0	3	1	3	8	0	0	0	0	15
			Pathology total	1	39	23	24	47	5	8	1	0	148
621	C		Hygiene	0	8	4	3	6	0	0	0	0	21
622	I		Public Health and Health Science	2	42	33	15	15	6	5	0	0	118
623			Legal Medicine	0	5	0	8	9	0	0	0	1	23
			Social Medicine total	2	55	37	26	30	6	5	0	1	162
631	N		Internal Medicine in General	1	16	7	6	17	1	2	0	0	50
632	E		Gastroenterology	0	7	7	11	17	1	8	0	0	51
633			Internal Medicine Respiratory System	0	4	3	8	15	0	4	0	0	34
634			Neurological Medicine	0	5	6	6	9	3	0	0	0	29
635			Cardioangiolog	0	8	8	13	14	3	8	0	0	54
636			Pediatrics	1	9	8	13	23	7	1	0	0	62
637			Dermatology	0	8	5	10	9	3	2	0	0	37
638			Radiology	0	10	11	9	11	0	1	0	2	44
639			Neuropsychiatry	0	10	4	10	25	0	5	0	0	54
641			Hematology	0	8	4	6	7	1	2	0	0	28
642			Internal Medicine of Kidney	0	5	2	6	2	0	2	0	0	17
643			Embryology and Newborn	0	0	5	0	4	1	0	0	0	10
644			Endocrinology	0	2	1	3	1	0	1	0	0	8
645			Metabolic Science	0	4	4	3	2	2	0	0	0	15
			Internal Medicine total	2	96	75	104	156	22	36	0	2	493
651			Surgery in General	0	7	6	8	13	1	1	0	1	37
652			Gastroenterological Surgery	0	5	13	12	16	1	10	0	0	57
653			Thoracic Surgery	0	3	2	6	10	0	1	0	0	22

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	5	10	13	5	3	2	0	0	38
655			Orthopedic Surgery	1	15	18	19	22	10	4	1	0	90
656			Anesthesiology and Rescue Medicine	0	8	8	19	23	0	8	0	0	66
657			Urology	0	8	7	11	15	0	1	0	1	43
658			Obstetrics and Gynecology	1	8	8	9	11	0	1	0	0	38
659			Oto-rhino-laryngology	0	7	4	9	11	10	5	1	0	47
660			Ophthalmology	0	4	4	9	8	1	3	0	0	29
661			Pediatric Surgery	0	0	3	0	3	0	0	0	0	6
662			Formative Surgery	0	0	0	1	3	0	0	0	0	4
				Surgery total	2	67	83	116	140	26	36	2	2
671	E		Oral Anatomy and Morphological Basic Dentistry	0	4	1	2	2	0	1	0	0	10
672	D		Functional Basic Dentistry	0	1	2	1	2	0	0	0	0	6
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	2	1	0	3	0	0	0	0	6
674	C		Conservative Dentistry	0	1	2	1	2	0	1	0	0	7
675			Prosthodontics and Dental Technology	0	0	2	1	2	0	0	0	0	5
676	I		Oral Surgery	0	5	5	7	15	0	4	0	0	36
677	N		Orthodontics, Pedodontics and Social Dentistry	0	1	1	1	4	0	5	0	0	12
678			Periodontological Dentistry	0	1	0	0	1	0	0	0	0	2
	E		Dentistry total	0	15	14	13	31	0	11	0	0	84
681				Chemical Pharmaceutics	0	6	5	2	5	0	1	0	0
682		Physical Pharmaceutics		0	4	2	2	3	0	0	0	0	11
683		Biopharmaceutics		0	11	3	4	12	0	5	0	0	35
684		Molecular Pharmaceutics		0	1	2	1	2	0	1	0	0	7
685		Environmental Pharmaceutics		0	1	2	2	1	0	0	0	0	6
		Pharmaceutics total	0	23	14	11	23	0	7	0	0	78	
691			Medical Sociology	0	4	9	3	3	0	0	0	0	19
692			Human Genetics	0	0	3	0	0	0	0	0	0	3
693			Applied Pharmacology and Medical Pharmacology	0	3	1	0	0	0	0	0	0	4
694			Pathological Examination	0	5	1	1	2	1	0	0	0	10
696			Science of Basic and Local Nursing	1	54	37	36	48	2	0	1	0	179
697			Science of Clinical Nursing	1	56	34	60	93	1	1	0	0	246
			Medicine in General total	2	122	85	100	146	4	1	1	0	461
		MEDICINE Total	11	439	347	409	602	64	111	4	5	1,992	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	4	0	2	0	1	0	0	0	7
703			Physical Education	0	25	26	13	8	0	1	0	0	73
704			Human Geography	0	9	9	1	2	0	2	0	0	23
705			Physical Geography	0	1	2	0	2	0	0	1	0	6
			Geography total	0	10	11	1	4	0	2	1	0	29
706			Home Science(inclu. Cloth/Living Environments)	0	8	3	1	3	0	0	0	0	15
707			Food Culture	1	12	7	2	5	0	0	0	0	27
			Domestic Science total	1	20	10	3	8	0	0	0	0	42
708			Science of Cultural Property	0	2	0	0	0	0	0	0	0	2
711			Science Education	0	1	0	0	0	0	0	0	0	1
712	A R E A		Educational Engineering	1	8	4	1	3	0	1	0	0	18
713			Curriculum Studies	0	8	11	1	0	0	0	0	0	20
714			Japanese Language Education	0	3	0	0	3	0	1	0	0	7
			Science Education·Curriculum Education total	1	20	15	2	6	0	2	0	0	46
721		Statistics	0	3	1	0	3	0	0	0	0	7	
731	I		Computer Science	0	15	12	10	9	0	8	0	0	54
732			Intelligent Informatics	0	21	18	1	9	0	4	0	0	53
733			Study of Information System (Inclu. Library and Information Science)	0	15	5	4	6	0	3	0	0	33
			Information Science total	0	51	35	15	24	0	15	0	0	140
741			Social System Engineering	0	12	7	3	3	0	2	0	0	27
751			Natural Disaster Science	0	4	0	0	1	0	0	0	0	5
761			Plasma Science and Technology	0	2	4	0	1	0	0	0	0	7
772			Nuclear Fusion	0	1	0	0	0	0	0	0	0	1

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	1	0	0	0	0	0	0	0	1
655			Orthopedic Surgery	0	0	2	1	1	0	0	0	1	5
656			Anesthesiology and Rescue Medicine	0	0	0	0	1	0	0	0	0	1
657			Urology	0	0	0	0	0	0	0	0	0	0
658			Obstetrics and Gynecology	0	3	0	0	0	0	0	0	0	3
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
			Surgery total	0	7	2	1	2	0	0	0	1	13
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0
672	D		Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0
674	C		Conservative Dentistry	0	0	1	1	0	0	0	0	0	2
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0
676	I		Oral Surgery	0	0	0	0	0	0	0	0	0	0
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	1	2	2	0	0	0	0	5
678	E		Periodontological Dentistry	0	0	1	0	0	0	0	0	0	1
			Dentistry total	0	0	3	3	2	0	0	0	0	8
681			Chemical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
682			Physical Pharmaceutics	0	0	1	0	0	0	0	0	0	1
683			Biopharmaceutics	0	0	0	1	0	0	0	0	0	1
684			Molecular Pharmaceutics	0	0	0	0	0	0	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0	0	0
			Pharmaceutics total	0	0	1	1	0	0	0	0	0	2
691			Medical Sociology	0	2	0	1	1	0	0	0	0	4
692			Human Genetics	0	0	0	0	0	0	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694			Pathological Examination	1	3	3	2	2	0	0	0	0	11
696			Science of Basic and Local Nursing	1	14	16	31	14	0	0	0	0	76
697			Science of Clinical Nursing	0	16	14	38	28	0	0	0	0	96
			Medicine in General total	2	35	33	72	45	0	0	0	0	187
			MEDICINE Total	2	70	55	86	56	1	0	0	1	271
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	0	0	0	0	0
703	N		Physical Education	0	6	7	2	0	0	0	0	0	15
704	T		Human Geography	0	0	0	0	0	0	0	0	0	0
705	E		Physical Geography	0	0	0	0	0	0	0	0	0	0
	I		Geography total	0	0	0	0	0	0	0	0	0	0
706	S		Home Science(inclu. Cloth/Living Environments)	0	6	12	4	5	0	0	0	0	27
707	C		Food Culture	0	4	10	3	9	0	0	0	0	26
	P		Domestic Science total	0	10	22	7	14	0	0	0	0	53
708	L		Science of Cultural Property	0	0	0	0	0	0	0	0	0	0
711	I		Science Education	0	0	0	0	0	0	0	0	0	0
712	N		Educational Engineering	0	2	2	0	0	1	0	0	0	5
713	A		Curriculum Studies	0	5	8	5	0	0	0	0	0	18
714	R		Japanese Language Education	0	0	0	0	0	0	0	0	0	0
	Y		Science Education·Curriculum Education total	0	7	10	5	0	1	0	0	0	23
721	A		Statistics	0	0	1	0	0	0	0	0	0	1
731			Computer Science	0	2	0	0	0	0	0	0	0	2
732			Intelligent Informatics	0	0	1	1	0	0	0	0	0	2
733			Study of Information System (Inclu. Library and Information Science)	0	1	1	1	2	0	0	0	0	5
			Information Science total	0	3	2	2	2	0	0	0	0	9
741			Social System Engineering	0	1	3	0	0	0	0	0	0	4
751			Natural Disaster Science	0	0	0	0	0	0	0	0	0	0
761			Plasma Science and Technology	0	0	0	0	0	0	0	0	0	0
772			Nuclear Fusion	0	0	0	0	0	0	0	0	0	0

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total	
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0	
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0	
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0	
657			Urology	0	0	0	0	0	0	0	0	0	0	
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0	
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0	
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0	
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0	
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0	
				Surgery total	0	0	0	0	0	0	0	0	0	0
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
672	D		Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0	
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0	
674	C		Conservative Dentistry	0	0	0	0	0	0	0	0	0	0	
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0	
676	I		Oral Surgery	0	0	0	0	0	0	0	0	0	0	
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0	
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0	
	E		Dentistry total	0	0	0	0	0	0	0	0	0	0	
681				Chemical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
682		Physical Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
683		Biopharmaceutics		0	0	0	0	0	0	0	0	0	0	
684		Molecular Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
685		Environmental Pharmaceutics		0	0	0	0	0	0	0	0	0	0	
			Pharmaceutics total	0	0	0	0	0	0	0	0	0	0	
691				Medical Sociology	0	0	0	0	0	0	0	0	0	0
692				Human Genetics	0	0	0	0	0	0	0	0	0	0
693				Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694				Pathological Examination	0	0	0	0	0	0	0	0	0	0
696	Science of Basic and Local Nursing			0	0	0	0	0	0	0	0	0	0	
697	Science of Clinical Nursing			0	0	0	0	0	0	0	0	0	0	
		Medicine in General total	0	0	0	0	0	0	0	0	0	0		
	MEDICINE Total			0	0	0	1	0	0	0	0	0	1	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	0	0	0	0	0	
703			Physical Education	0	1	1	1	0	0	0	0	0	3	
704			Human Geography	0	0	2	0	0	0	0	0	0	2	
705			Physical Geography	0	0	1	0	0	0	0	0	0	1	
			Geography total	0	0	3	0	0	0	0	0	0	3	
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	0	0	0	0	0	0	
707			Food Culture	0	0	0	0	0	0	0	0	0	0	
			Domestic Science total	0	0	0	0	0	0	0	0	0	0	
708			Science of Cultural Property	0	0	0	0	0	0	0	0	0	0	
711			Science Education	0	2	0	0	0	0	0	0	0	2	
712	A R E A		Educational Engineering	0	2	1	1	0	0	0	0	0	4	
713			Curriculum Studies	0	1	3	0	0	0	0	0	0	4	
714			Japanese Language Education	0	0	0	0	0	0	0	0	0	0	
			Science Education·Curriculum Education total	0	5	4	1	0	0	0	0	0	10	
721	I		Statistics	0	0	0	0	0	0	0	0	0	0	
731			Computer Science	0	1	0	0	0	0	0	0	0	1	
732			Intelligent Informatics	0	1	2	1	0	0	0	0	0	4	
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	0	0	0	0	0	0	0	
			Information Science total	0	2	2	1	0	0	0	0	0	5	
741			Social System Engineering	0	0	0	0	0	0	0	0	0	0	
751			Natural Disaster Science	0	1	0	0	0	0	0	0	0	1	
761			Plasma Science and Technology	0	0	1	0	0	0	0	0	0	1	
772			Nuclear Fusion	0	0	0	0	0	0	0	0	0	0	

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	T O T A L									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
654	M		Neurosurgery	0	6	10	13	5	3	2	0	0	39
655			Orthopedic Surgery	1	15	20	20	23	10	4	1	1	95
656			Anesthesiology and Rescue Medicine	0	8	8	19	24	0	8	0	0	67
657			Urology	0	8	7	11	15	0	1	0	1	43
658			Obstetrics and Gynecology	1	11	8	9	11	0	1	0	0	41
659			Oto-rhino-laryngology	0	7	4	9	11	10	5	1	0	47
660			Ophthalmology	0	4	4	9	8	1	3	0	0	29
661			Pediatric Surgery	0	0	3	0	3	0	0	0	0	6
662			Formative Surgery	0	0	0	1	3	0	0	0	0	4
				Surgery total	2	74	85	117	142	26	36	2	3
671	E		Oral Anatomy and Morphological Basic Dentistry	0	4	1	2	2	0	1	0	0	10
672	D		Functional Basic Dentistry	0	1	2	1	2	0	0	0	0	6
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	2	1	0	3	0	0	0	0	6
674	C		Conservative Dentistry	0	1	3	2	2	0	1	0	0	9
675			Prosthodontics and Dental Technology	0	0	2	1	2	0	0	0	0	5
676	I		Oral Surgery	0	5	5	7	15	0	4	0	0	36
677	N		Orthodontics, Pedodontics and Social Dentistry	0	1	2	3	6	0	5	0	0	17
678			Periodontological Dentistry	0	1	1	0	1	0	0	0	0	3
	E		Dentistry total	0	15	17	16	33	0	11	0	0	92
681				Chemical Pharmaceutics	0	6	5	2	5	0	1	0	0
682		Physical Pharmaceutics		0	4	3	2	3	0	0	0	0	12
683		Biopharmaceutics		0	11	3	5	12	0	5	0	0	36
684		Molecular Pharmaceutics		0	1	2	1	2	0	1	0	0	7
685		Environmental Pharmaceutics		0	1	2	2	1	0	0	0	0	6
		Pharmaceutics total	0	23	15	12	23	0	7	0	0	80	
691			Medical Sociology	0	6	9	4	4	0	0	0	0	23
692			Human Genetics	0	0	3	0	0	0	0	0	0	3
693			Applied Pharmacology and Medical Pharmacology	0	3	1	0	0	0	0	0	0	4
694			Pathological Examination	1	8	4	3	4	1	0	0	0	21
696			Science of Basic and Local Nursing	2	68	53	67	62	2	0	1	0	255
697			Science of Clinical Nursing	1	72	48	98	121	1	1	0	0	342
			Medicine in General total	4	157	118	172	191	4	1	1	0	648
		MEDICINE Total	13	509	402	496	658	65	111	4	6	2,264	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	4	0	2	0	1	0	0	0	7
703			Physical Education	0	32	34	16	8	0	1	0	0	91
704			Human Geography	0	9	11	1	2	0	2	0	0	25
705			Physical Geography	0	1	3	0	2	0	0	1	0	7
			Geography total	0	10	14	1	4	0	2	1	0	32
706			Home Science(inclu. Cloth/Living Environments)	0	14	15	5	8	0	0	0	0	42
707			Food Culture	1	16	17	5	14	0	0	0	0	53
			Domestic Science total	1	30	32	10	22	0	0	0	0	95
708			Science of Cultural Property	0	2	0	0	0	0	0	0	0	2
711			Science Education	0	3	0	0	0	0	0	0	0	3
712	A R E A		Educational Engineering	1	12	7	2	3	1	1	0	0	27
713			Curriculum Studies	0	14	22	6	0	0	0	0	0	42
714			Japanese Language Education	0	3	0	0	3	0	1	0	0	7
			Science Education·Curriculum Education total	1	32	29	8	6	1	2	0	0	79
721			Statistics	0	3	2	0	3	0	0	0	0	8
731			Computer Science	0	18	12	10	9	0	8	0	0	57
732			Intelligent Informatics	0	22	21	3	9	0	4	0	0	59
733			Study of Information System (Inclu. Library and Information Science)	0	16	6	5	8	0	3	0	0	38
		Information Science total	0	56	39	18	26	0	15	0	0	154	
741			Social System Engineering	0	13	10	3	3	0	2	0	0	31
751			Natural Disaster Science	0	5	0	0	1	0	0	0	0	6
761			Plasma Science and Technology	0	2	5	0	1	0	0	0	0	8
772			Nuclear Fusion	0	1	0	0	0	0	0	0	0	1

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
773	Nuclear Energy		Energy Science General	0	2	3	0	2	0	0	0	0	7
774			Nuclear Power Science	0	0	0	1	0	0	0	0	0	1
			Energy total	0	3	3	1	2	0	0	0	0	9
801	Environmental Science		Environmental Dynamic Analysis	0	5	1	1	3	0	0	0	0	10
802			Environmental Influence Assessment (inclu. Radiobiology)	0	10	3	4	3	0	0	0	0	20
803			Environmental Preservation	0	11	6	3	3	0	0	0	1	24
			Environmental Science total	0	26	10	8	9	0	0	0	1	54
811	Biological Chemistry		Biological Organic Chemistry	0	6	3	1	2	0	0	0	0	12
812			Structured Biochemistry	0	2	9	2	2	0	0	0	0	15
813			Functional Biochemistry	0	10	7	2	5	0	1	0	0	25
			Biological Chemistry total	0	18	19	5	9	0	1	0	0	52
821	Basic Biology		Biophysics	0	7	9	2	3	0	0	0	0	21
822			Molecular Biology	0	6	8	4	11	0	3	0	0	32
823			Cell Biology	0	8	8	5	5	0	2	0	0	28
824			Developmental Biology	0	4	4	2	2	0	1	0	0	13
			Basic Biology total	0	25	29	13	21	0	6	0	0	94
831	Neuro Science		Neuroanatomy and Neuropathology	1	6	2	0	2	0	1	1	0	13
832			Neurochemistry and Neuropharmacology	0	10	2	2	3	0	0	0	0	17
833			Neuro Science in General	0	7	7	4	8	0	3	0	0	29
834			Neuro and Muscular Physiology	0	7	3	2	4	0	0	0	0	16
			Neuro Science (inclu. Brain Science) total	1	30	14	8	17	0	4	1	0	75
841			Laboratory Animal Science	0	0	3	0	4	0	0	0	0	7
851		Medical Organism Engineering and Material Science of Organism	0	6	6	3	4	0	0	0	0	19	
	INTERDISCIPLINARY AREA Total			3	261	193	77	124	1	33	2	1	695
999	WIDE AREA Total			0	50	34	18	22	2	5	0	1	132
	Item n.a. Total			7	613	607	378	672	50	288	8	1,206	3,829
	Grand Total			34	2,662	2,048	1,169	1,744	132	589	17	1,223	9,618

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
	E		Energy total	0	0	0	0	0	0	0	0	0	0
801	R	D	Environmental Dynamic Analysis	0	1	0	0	0	0	0	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	2	0	0	0	0	0	0	3
803	S	C	Environmental Preservation	0	2	0	1	0	0	0	0	0	3
			Environmental Science total	0	4	2	1	0	0	0	0	0	7
811	I	P	Biological Organic Chemistry	0	1	0	0	0	0	0	0	0	1
812			Structured Biochemistry	0	1	0	0	0	0	0	0	0	1
813	L	I	Functional Biochemistry	0	1	3	0	0	0	0	0	0	4
			Biological Chemistry total	0	3	3	0	0	0	0	0	0	6
821	N	A	Biophysics	0	0	0	0	0	0	0	0	0	0
822			Molecular Biology	0	0	2	0	1	0	0	0	0	3
823	R	Y	Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	0	0	0	0	0	0	0	0	0
			Basic Biology total	0	0	2	0	1	0	0	0	0	3
831	A	R	Neuroanatomy and Neuropathology	0	0	1	0	0	0	0	0	0	1
832			Neurochemistry and Neuropharmacology	0	0	0	1	0	0	0	0	0	1
833	E	A	Neuro Science in General	0	0	0	1	0	0	0	0	0	1
834			Neuro and Muscular Physiology	0	0	1	0	0	0	0	0	0	1
			Neuro Science (inclu. Brain Science) total	0	0	2	2	0	0	0	0	0	4
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	0	1	0	0	0	0	0	1
	INTERDISCIPLINARY AREA Total			0	34	54	20	17	1	0	0	0	126
999	WIDE AREA Total			0	7	7	7	2	0	0	0	0	23
	Item n.a. Total			4	111	92	82	73	2	0	0	167	531
	Grand Total			15	382	339	256	165	4	0	0	169	1,330

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N T		Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
	E		Energy total	0	0	0	0	0	0	0	0	0	0
801	R D I		Environmental Dynamic Analysis	0	0	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	0	0	0	0	0	0	0	1
803			Environmental Preservation	0	0	0	0	0	0	0	0	0	0
	C		Environmental Science total	0	1	0	0	0	0	0	0	0	1
811	I P L		Biological Organic Chemistry	0	0	0	0	0	0	0	0	0	0
812			Structured Biochemistry	0	0	0	0	0	0	0	0	0	0
813			Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	0	0	0	0	0
821	N A R Y		Biophysics	0	0	1	0	0	0	0	0	0	1
822			Molecular Biology	0	0	0	0	0	0	0	0	0	0
823			Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	0	0	0	0	0	0	0	0	0
			Basic Biology total	0	0	1	0	0	0	0	0	0	1
831	A R E A		Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833			Neuro Science in General	0	0	0	0	0	0	0	0	0	0
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	0	0	0	0	0	0	0	0
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	2	0	1	0	0	0	0	0	3
	INTERDISCIPLINARY AREA Total			0	12	12	4	0	0	0	0	0	28
999	WIDE AREA Total			0	1	0	1	0	0	0	0	0	2
	Item n.a. Total			0	30	31	24	4	0	0	0	1	90
	Grand Total			0	143	96	52	8	2	0	0	1	302

Table 3. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Municipal Institutions)

Code	Subject	Subdivision	Item	TOTAL									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
773	N T		Energy Science General	0	2	3	0	2	0	0	0	0	7
774			Nuclear Power Science	0	0	0	1	0	0	0	0	0	1
	E		Energy total	0	3	3	1	2	0	0	0	0	9
801	R D I		Environmental Dynamic Analysis	0	6	1	1	3	0	0	0	0	11
802			Environmental Influence Assessment (inclu. Radiobiology)	0	12	5	4	3	0	0	0	0	24
803	S		Environmental Preservation	0	13	6	4	3	0	0	0	1	27
	C		Environmental Science total	0	31	12	9	9	0	0	0	1	62
811	I P		Biological Organic Chemistry	0	7	3	1	2	0	0	0	0	13
812			Structured Biochemistry	0	3	9	2	2	0	0	0	0	16
813	L		Functional Biochemistry	0	11	10	2	5	0	1	0	0	29
			Biological Chemistry total	0	21	22	5	9	0	1	0	0	58
821	N A		Biophysics	0	7	10	2	3	0	0	0	0	22
822			Molecular Biology	0	6	10	4	12	0	3	0	0	35
823	R		Cell Biology	0	8	8	5	5	0	2	0	0	28
824	Y		Developmental Biology	0	4	4	2	2	0	1	0	0	13
			Basic Biology total	0	25	32	13	22	0	6	0	0	98
831	A R E A		Neuroanatomy and Neuropathology	1	6	3	0	2	0	1	1	0	14
832			Neurochemistry and Neuropharmacology	0	10	2	3	3	0	0	0	0	18
833			Neuro Science in General	0	7	7	5	8	0	3	0	0	30
834			Neuro and Muscular Physiology	0	7	4	2	4	0	0	0	0	17
			Neuro Science (inclu. Brain Science) total	1	30	16	10	17	0	4	1	0	79
841			Laboratory Animal Science	0	0	3	0	4	0	0	0	0	7
851			Medical Organism Engineering and Material Science of Organism	0	8	6	5	4	0	0	0	0	23
			INTERDISCIPLINARY AREA Total	3	307	259	101	141	2	33	2	1	849
999			WIDE AREA Total	0	58	41	26	24	2	5	0	1	157
			Item n.a. Total	11	754	730	484	749	52	288	8	1,374	4,450
			Grand Total	49	3,187	2,483	1,477	1,917	138	589	17	1,393	11,250

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total	
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown		
211	A R T S · H U M A N I T I E S		Philosophy	5	207	65	24	3	10	9	0	0	323	
212			Chinese Philosophy	0	52	20	3	0	2	5	0	0	82	
213			Indian Philosophy (inclu. Buddhist Studies)	4	134	47	13	6	6	32	1	1	244	
214			Religion	3	135	58	23	1	8	19	1	3	251	
215			Ethics	2	54	21	4	0	2	3	0	0	86	
216			History of Philosophy	2	97	37	10	2	4	7	1	0	160	
217			Aesthetics (inclu. Arts)	2	537	275	129	29	15	24	0	3	1,014	
218			Art History	1	108	43	11	3	2	16	0	0	184	
			Philosophy total	19	1,324	566	217	44	49	115	3	7	2,344	
221				Experimental Psychology	0	165	61	32	15	4	16	1	2	296
222				Educational and Social	6	512	289	127	41	22	49	1	5	1,052
223				Sociology	9	692	311	211	40	16	64	1	6	1,350
224				Education	16	479	213	108	17	21	27	1	1	883
225				Cultural Anthropology (inclu. Ethnology and Folklore)	2	168	82	31	4	5	21	0	2	315
				Psychology·Sociology·Education Cultural Anthropology total	33	2,016	956	509	117	68	177	4	16	3,896
231				Japanese History	1	243	79	23	5	12	36	0	2	401
232				Oriental History	0	154	42	15	1	4	15	0	2	233
233				European History	1	189	75	27	3	6	17	1	3	322
234				Archaeology (inclu. Prehistory)	0	59	23	10	0	4	7	0	0	103
				History total	2	645	219	75	9	26	75	1	7	1,059
241				Japanese Language	0	125	60	29	2	3	11	0	2	232
242				Japanese Literature	3	456	146	36	14	13	67	0	2	737
243				Chinese Language and Literature	2	144	87	34	2	6	10	0	1	286
244				English Language and Literature	8	1,109	485	163	23	28	46	0	6	1,868
245				French Language and Literature	3	198	67	15	2	3	10	0	2	300
246				German Language and Literature	2	220	101	27	2	5	11	0	1	369
247				Other Foreign Languages and Literatures	2	143	63	28	1	5	0	1	0	243
248				Linguistics and Phonetics	0	318	222	116	6	15	28	0	0	705
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	116	43	24	1	6	13	0	1	206
				Literature total	22	2,829	1,274	472	53	84	196	1	15	4,946
		ARTS·HUMANITIES Total			76	6,814	3,015	1,273	223	227	563	9	45	12,245
261	L A W		Basic Science of Law	1	112	38	11	3	4	5	0	1	175	
262			Public Law	4	170	53	19	3	5	13	0	1	268	
263			International Law	1	101	40	4	0	3	11	0	0	160	
264			Civil Law	5	298	93	53	3	10	26	0	2	490	
265			Social Law	0	72	13	8	3	2	5	0	0	103	
266			Criminal Law	0	98	26	8	0	1	12	0	0	145	
267			Politics	4	363	139	70	10	12	39	1	2	640	
	LAW Total			15	1,214	402	173	22	37	111	1	6	1,981	
271	E C O N O M I C S		General Theory of Economics	5	396	150	54	3	11	22	0	3	644	
272			Economical Statistics	0	84	21	14	2	1	8	0	0	130	
273			Economic Policy (inclu. Economic Condition)	5	543	117	47	8	21	25	0	4	770	
274			Economic History	0	172	56	28	1	4	12	0	1	274	
275			Public Finance, Money and Banking	3	243	56	28	1	10	15	0	2	358	
276			Commercial Science	3	219	76	41	1	5	15	0	0	360	
277			Business Administration	6	549	180	88	9	12	43	0	5	892	
278			Accounting	3	301	83	49	5	7	17	0	1	466	
	ECONOMICS Total			25	2,507	739	349	30	71	157	0	16	3,894	
301	S C I E N C E		Algebra	0	86	48	24	4	4	6	0	0	172	
302			Geometry	1	64	24	13	8	1	2	0	1	114	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	130	59	32	10	2	10	0	0	243	
305			Basic Analysis	0	77	37	17	8	1	1	0	0	141	
306			Larger-area Analysis	0	26	11	7	4	1	3	0	0	52	
			Mathematics total	1	383	179	93	34	9	22	0	1	722	
311		Astronomy	0	21	7	4	1	0	2	0	0	35		
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	2	130	52	19	8	3	5	0	0	219	

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President/Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	ARTS • HUMANITIES	Philosophy	Philosophy	2	30	17	4	0	0	0	0	0	53
212			Chinese Philosophy	0	5	2	1	0	0	0	0	0	8
213			Indian Philosophy (inclu. Buddhist Studies)	5	18	16	6	1	0	0	0	0	46
214			Religion	3	20	18	9	0	3	0	0	0	53
215			Ethics	2	4	2	3	0	0	0	0	0	11
216			History of Philosophy	0	11	8	2	0	0	0	0	0	21
217			Aesthetics (inclu. Arts)	0	237	159	86	13	6	0	0	2	503
218			Art History	0	13	11	7	1	0	0	0	0	32
			Philosophy total	12	338	233	118	15	9	0	0	2	727
221		Psychology • Sociology • Education	Experimental Psychology	0	11	11	7	0	0	0	0	0	29
222			Educational and Social	3	142	84	84	4	3	0	0	0	320
223			Sociology	4	134	89	101	11	3	0	0	2	344
224			Education	7	193	128	93	2	5	0	0	0	428
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	32	12	6	0	2	0	0	0	52
			Psychology • Sociology • Education Cultural Anthropology total	14	512	324	291	17	13	0	0	2	1,173
231		History	Japanese History	1	26	12	3	1	2	0	0	0	45
232			Oriental History	0	4	6	3	0	0	0	0	0	13
233			European History	1	18	14	4	0	0	0	0	0	37
234			Archaeology (inclu. Prehistory)	0	5	4	0	0	1	0	0	0	10
			History total	2	53	36	10	1	3	0	0	0	105
241		Language and Literature	Japanese Language	1	21	9	6	1	0	0	1	0	39
242			Japanese Literature	1	111	73	21	2	4	0	0	0	212
243			Chinese Language and Literature	0	7	6	3	0	0	0	0	0	16
244			English Language and Literature	4	219	167	68	1	3	0	0	0	462
245			French Language and Literature	0	14	9	3	0	0	0	0	0	26
246			German Language and Literature	0	5	2	2	0	0	0	0	0	9
247			Other Foreign Languages and Literatures	0	7	5	5	1	0	0	0	0	18
248			Linguistics and Phonetics	0	45	60	22	1	0	0	0	1	129
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	17	11	9	0	0	0	0	0	38
			Literature total	7	446	342	139	6	7	0	1	1	949
		ARTS • HUMANITIES Total			35	1,349	935	558	39	32	0	1	5
261	LAW	Basic Science of Law	0	7	5	2	0	0	0	0	0	0	14
262		Public Law	2	13	6	4	0	0	0	0	0	0	25
263		International Law	0	2	0	0	0	0	0	0	0	0	2
264		Civil Law	1	10	9	6	0	1	0	0	0	0	27
265		Social Law	1	3	3	2	0	0	0	0	0	0	9
266		Criminal Law	0	5	1	0	0	0	0	0	0	0	6
267		Politics	2	15	5	2	0	0	0	0	0	0	24
	LAW Total			6	55	29	16	0	1	0	0	0	107
271	ECONOMICS	General Theory of Economics	1	19	17	5	0	0	0	0	0	0	42
272		Economical Statistics	0	1	2	2	0	0	0	0	0	0	5
273		Economic Policy (inclu. Economic Condition)	1	25	10	4	1	2	0	0	0	0	43
274		Economic History	0	9	6	1	0	1	0	0	0	0	17
275		Public Finance, Money and Banking	3	7	5	2	0	0	0	0	0	0	17
276		Commercial Science	0	22	10	11	0	0	0	0	0	0	43
277		Business Administration	2	59	49	23	2	3	0	0	1	139	
278	Accounting	0	29	23	7	2	2	0	0	0	0	63	
	ECONOMICS Total			7	171	122	55	5	8	0	0	1	369
301	SCIENCE	Algebra	1	4	0	1	0	0	0	0	0	0	6
302		Geometry	0	3	0	1	0	0	0	0	0	0	4
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	5	5	10	0	0	0	0	0	0	20
305		Basic Analysis	0	3	1	1	0	0	0	0	0	0	5
306		Larger-area Analysis	0	0	0	1	0	0	0	0	0	0	1
		Mathematics total	1	15	6	14	0	0	0	0	0	0	36
311	Astronomy	0	0	2	2	0	0	0	0	0	0	4	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	13	5	7	0	1	0	0	0	0	26

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
211	ARTS • HUMANITIES		Philosophy	0	0	0	0	0	0	0	0	0	0
212			Chinese Philosophy	0	0	0	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0	0	0
214			Religion	0	0	0	0	0	0	0	0	0	0
215			Ethics	0	0	0	0	0	0	0	0	0	0
216			History of Philosophy	0	0	0	0	0	0	0	0	0	0
217			Aesthetics (inclu. Arts)	0	3	1	0	0	0	0	0	0	4
218			Art History	0	0	0	0	0	0	0	0	0	0
		Philosophy total	0	3	1	0	0	0	0	0	0	4	
221			Experimental Psychology	0	0	0	0	0	0	0	0	0	0
222			Educational and Social	0	0	0	0	0	0	0	0	0	0
223			Sociology	0	0	0	0	0	0	0	0	0	0
224			Education	1	0	0	0	0	0	0	0	0	1
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	0	0	0	0	0	0
		Psychology • Sociology • Education Cultural Anthropology total	1	0	0	0	0	0	0	0	0	1	
231			Japanese History	0	0	0	1	0	0	0	0	0	1
232			Oriental History	0	0	0	0	0	0	0	0	0	0
233			European History	0	0	0	1	0	0	0	0	0	1
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	0	0	0	0	0
		History total	0	0	0	2	0	0	0	0	0	2	
241			Japanese Language	0	0	0	0	0	0	0	0	0	0
242			Japanese Literature	0	0	1	1	0	0	0	0	0	2
243			Chinese Language and Literature	0	0	0	0	0	0	0	0	0	0
244			English Language and Literature	0	1	1	0	0	0	0	0	0	2
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	0	0	0	0
248			Linguistics and Phonetics	0	2	1	0	0	0	0	0	0	3
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0	0	0
			Literature total	0	3	3	1	0	0	0	0	0	7
		ARTS • HUMANITIES Total	1	6	4	3	0	0	0	0	0	14	
261	LAW	Basic Science of Law	0	0	0	0	0	0	0	0	0	0	
262		Public Law	0	0	0	0	0	0	0	0	0	0	
263		International Law	0	0	0	0	0	0	0	0	0	0	
264		Civil Law	0	0	0	0	0	0	0	0	0	0	
265		Social Law	0	0	0	0	0	0	0	0	0	0	
266		Criminal Law	0	0	0	0	0	0	0	0	0	0	
267		Politics	0	0	0	0	0	0	0	0	0	0	
	LAW Total	0	0	0	0	0	0	0	0	0	0		
271	ECONOMICS	General Theory of Economics	0	0	0	0	0	0	0	0	0	0	
272		Economical Statistics	0	0	0	0	0	0	0	0	0	0	
273		Economic Policy (inclu. Economic Condition)	0	0	0	0	0	0	0	0	0	0	
274		Economic History	0	0	0	0	0	0	0	0	0	0	
275		Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0	
276		Commercial Science	0	0	0	0	0	0	0	0	0	0	
277		Business Administration	0	0	0	0	0	0	0	0	0	0	
278		Accounting	0	0	0	0	0	0	0	0	0	0	
	ECONOMICS Total	0	0	0	0	0	0	0	0	0	0		
301	SCIENCE	Algebra	0	0	0	0	0	0	0	0	0	0	
302		Geometry	0	0	1	0	0	0	0	0	0	1	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	1	2	2	0	0	0	0	0	5	
305		Basic Analysis	0	0	0	0	0	0	0	0	0	0	
306		Larger-area Analysis	0	0	0	0	0	0	0	0	0	0	
		Mathematics total	0	1	3	2	0	0	0	0	0	6	
311		Astronomy	0	0	0	0	0	0	0	0	0	0	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	1	1	0	0	0	0	2	

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	ARTS • HUMANITIES		Philosophy	0	0	0	0	0	0	0	0	0	0
212			Chinese Philosophy	0	0	0	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	1	0	8	0	0	0	9
214			Religion	0	0	0	0	0	1	0	0	0	1
215			Ethics	0	0	0	0	0	0	0	0	0	0
216			History of Philosophy	0	0	0	0	0	1	0	0	0	1
217			Aesthetics (inclu. Arts)	0	0	0	0	0	1	0	0	0	1
218			Art History	0	0	0	0	0	4	0	0	0	4
			Philosophy total	0	0	0	1	0	15	0	0	0	16
221			Experimental Psychology	0	0	0	0	0	2	0	0	0	2
222			Educational and Social	0	0	0	0	0	3	0	0	0	3
223			Sociology	0	0	0	0	0	5	0	1	0	6
224			Education	0	0	0	0	0	6	0	0	0	6
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	1	0	0	0	2	0	0	0	3
			Psychology • Sociology • Education Cultural Anthropology total	0	1	0	0	0	18	0	1	0	20
231			Japanese History	0	0	1	0	0	12	0	0	0	13
232			Oriental History	0	0	0	0	0	5	0	0	0	5
233			European History	0	1	1	0	0	0	0	0	0	2
234			Archaeology (inclu. Prehistory)	0	1	1	0	1	5	0	0	0	8
			History total	0	2	3	0	1	22	0	0	0	28
241			Japanese Language	0	0	0	0	0	0	0	0	0	0
242			Japanese Literature	0	0	0	0	0	0	0	0	0	0
243			Chinese Language and Literature	0	0	0	0	0	0	0	0	0	0
244			English Language and Literature	0	0	0	0	0	0	0	0	0	0
245			French Language and Literature	0	0	0	0	0	0	0	0	0	0
246			German Language and Literature	0	0	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	1	0	0	0	1
248			Linguistics and Phonetics	0	1	0	0	0	0	0	0	0	1
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0	0	0
			Literature total	0	1	0	0	0	1	0	0	0	2
			ARTS • HUMANITIES Total	0	4	3	1	1	56	0	1	0	66
261	LAW		Basic Science of Law	0	0	0	0	0	0	0	0	0	0
262			Public Law	0	0	0	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0	0	0
264			Civil Law	0	3	0	0	0	2	0	0	0	5
265			Social Law	0	0	0	0	0	1	0	0	0	1
266			Criminal Law	0	1	0	0	0	0	0	0	0	1
267			Politics	0	0	0	0	0	0	0	0	0	0
			LAW Total	0	4	0	0	0	3	0	0	0	7
271	ECONOMICS		General Theory of Economics	0	0	0	0	0	4	0	0	0	4
272			Economical Statistics	0	0	0	0	0	1	0	0	0	1
273			Economic Policy (inclu. Economic Condition)	0	0	0	0	0	12	0	0	0	12
274			Economic History	0	0	0	0	0	1	0	0	0	1
275			Public Finance, Money and Banking	0	0	0	0	0	0	0	0	0	0
276			Commercial Science	0	0	0	0	0	0	0	0	0	0
277			Business Administration	0	0	0	0	0	0	0	0	0	0
278			Accounting	0	0	0	0	0	1	0	0	0	1
			ECONOMICS Total	0	0	0	0	0	19	0	0	0	19
301	SCIENCE		Algebra	0	0	0	0	0	1	0	0	0	1
302			Geometry	0	0	0	0	0	1	0	0	0	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	0	0	0	0	0	0	0
305			Basic Analysis	0	0	0	0	0	1	0	0	0	1
306			Larger-area Analysis	0	0	0	0	0	0	0	0	0	0
			Mathematics total	0	0	0	0	0	3	0	0	0	3
311			Astronomy	0	0	0	0	0	0	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	0	0	0	0	0	0

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Total									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
211	A R T S · H U M A N I T I E S		Philosophy	7	237	82	28	3	10	9	0	0	376
212			Chinese Philosophy	0	57	22	4	0	2	5	0	0	90
213			Indian Philosophy (inclu. Buddhist Studies)	9	152	63	20	7	14	32	1	1	299
214			Religion	6	155	76	32	1	12	19	1	3	305
215			Ethics	4	58	23	7	0	2	3	0	0	97
216			History of Philosophy	2	108	45	12	2	5	7	1	0	182
217			Aesthetics (inclu. Arts)	2	777	435	215	42	22	24	0	5	1,522
218			Art History	1	121	54	18	4	6	16	0	0	220
			Philosophy total	31	1,665	800	336	59	73	115	3	9	3,091
221			Experimental Psychology	0	176	72	39	15	6	16	1	2	327
222			Educational and Social	9	654	373	211	45	28	49	1	5	1,375
223			Sociology	13	826	400	312	51	24	64	2	8	1,700
224			Education	24	672	341	201	19	32	27	1	1	1,318
225			Cultural Anthropology (inclu. Ethnology and Folklore)	2	201	94	37	4	9	21	0	2	370
			Psychology·Sociology·Education Cultural Anthropology total	48	2,529	1,280	800	134	99	177	5	18	5,090
231			Japanese History	2	269	92	27	6	26	36	0	2	460
232			Oriental History	0	158	48	18	1	9	15	0	2	251
233			European History	2	208	90	32	3	6	17	1	3	362
234			Archaeology (inclu. Prehistory)	0	65	28	10	1	10	7	0	0	121
			History total	4	700	258	87	11	51	75	1	7	1,194
241			Japanese Language	1	146	69	35	3	3	11	1	2	271
242			Japanese Literature	4	567	220	58	16	17	67	0	2	951
243			Chinese Language and Literature	2	151	93	37	2	6	10	0	1	302
244			English Language and Literature	12	1,329	653	231	24	31	46	0	6	2,332
245			French Language and Literature	3	212	76	18	2	3	10	0	2	326
246			German Language and Literature	2	225	103	29	2	5	11	0	1	378
247			Other Foreign Languages and Literatures	2	150	68	33	2	6	0	1	0	262
248			Linguistics and Phonetics	0	366	283	138	7	15	28	0	1	838
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	3	133	54	33	1	6	13	0	1	244
			Literature total	29	3,279	1,619	612	59	92	196	2	16	5,904
			ARTS·HUMANITIES Total	112	8,173	3,957	1,835	263	315	563	11	50	15,279
261	L A W		Basic Science of Law	1	119	43	13	3	4	5	0	1	189
262			Public Law	6	183	59	23	3	5	13	0	1	293
263			International Law	1	103	40	4	0	3	11	0	0	162
264			Civil Law	6	311	102	59	3	13	26	0	2	522
265			Social Law	1	75	16	10	3	3	5	0	0	113
266			Criminal Law	0	104	27	8	0	1	12	0	0	152
267			Politics	6	378	144	72	10	12	39	1	2	664
			LAW Total	21	1,273	431	189	22	41	111	1	6	2,095
271	E C O N O M I C S		General Theory of Economics	6	415	167	59	3	15	22	0	3	690
272			Economical Statistics	0	85	23	16	2	2	8	0	0	136
273			Economic Policy (inclu. Economic Condition)	6	568	127	51	9	35	25	0	4	825
274			Economic History	0	181	62	29	1	6	12	0	1	292
275			Public Finance, Money and Banking	6	250	61	30	1	10	15	0	2	375
276			Commercial Science	3	241	86	52	1	5	15	0	0	403
277			Business Administration	8	608	229	111	11	15	43	0	6	1,031
278			Accounting	3	330	106	56	7	10	17	0	1	530
			ECONOMICS Total	32	2,678	861	404	35	98	157	0	17	4,282
301	S C I E N C E		Algebra	1	90	48	25	4	5	6	0	0	179
302			Geometry	1	67	25	14	8	2	2	0	1	120
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	136	66	44	10	2	10	0	0	268
305			Basic Analysis	0	80	38	18	8	2	1	0	0	147
306			Larger-area Analysis	0	26	11	8	4	1	3	0	0	53
			Mathematics total	2	399	188	109	34	12	22	0	1	767
311			Astronomy	0	21	9	6	1	0	2	0	0	39
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	2	143	57	27	9	4	5	0	0	247

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivision	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	58	22	8	15	4	5	0	0	112
323			Solid-State Physics II (Magnetism, Metal Physics,	1	61	19	11	11	1	4	1	1	110
324			Physical Properties in General (inclu. Basic Theories)	0	51	23	13	12	2	0	1	0	102
325			Physics in General	0	42	29	14	13	4	1	0	1	104
			Physics total	3	342	145	65	59	14	15	2	2	647
331			Physics of Solid Earth	0	16	10	1	1	0	0	0	0	28
332			Meteorology, Oceanography and Hydrology	0	32	12	5	3	0	1	0	0	53
333			Aeronomy	0	14	2	0	0	2	1	0	0	19
334			Geology	2	16	3	1	5	1	2	0	0	30
335			Stratigraphy and Paleontology	0	5	2	1	2	0	4	0	0	14
336			Mineralogy, Petrology and Study of Mineral Deposit	1	16	2	0	1	1	0	0	0	21
337			Geochemistry	1	12	6	5	2	1	1	0	0	28
			Earth Science total	4	111	37	13	14	5	9	0	0	193
341			Physical Chemistry	1	78	27	22	17	3	4	0	0	152
342			Organic Chemistry	1	59	24	28	20	0	4	0	0	136
343			Inorganic Chemistry	1	40	16	15	11	2	4	0	1	90
344			Function, Properties and Materials in Chemistry	0	32	14	12	9	1	3	0	0	71
345			Substance Transformation	0	5	1	0	2	1	0	0	0	9
346			Separation, Refining and Identification	0	31	16	10	13	1	0	0	0	71
			Chemistry total	3	245	98	87	72	8	15	0	1	529
351			Genetics	1	16	12	4	6	0	1	0	0	40
352			Ecology	0	48	21	9	5	1	1	0	0	85
353			Plant Physiology	0	23	12	4	10	0	4	0	0	53
354			Morphology, Structure of Organism	0	16	3	14	8	3	0	0	0	44
355			Animal Physiology and	0	16	6	7	6	0	1	1	0	37
356			Morphology and Taxonomy	0	29	14	3	4	0	1	0	0	51
			Biology total	1	148	68	41	39	4	8	1	0	310
361			Physical Anthropology (inclu. Physiological Anthropology)	1	24	6	7	4	0	0	0	1	43
			SCIENCE Total	13	1,274	540	310	223	40	71	3	5	2,479
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	37	14	6	4	5	3	0	0	69
402			Surface Physics	0	31	5	2	3	0	1	0	0	42
403			Applied Optics and Quantum Optics	0	59	14	6	7	0	2	0	0	88
404			General Applied Physics	0	24	9	5	2	1	1	0	0	42
405			Fundamentals of Engineering	0	22	5	6	4	0	4	0	0	41
			Applied Physics-Fundamentals of Engineering total	0	173	47	25	20	6	11	0	0	282
411			Materials for Machines and Strength of Materials	2	104	28	15	13	4	4	0	0	170
412			Workshop Processes and Production Engineering	0	80	26	19	9	1	3	0	1	139
413			Design Engineering, Machine Elements and Tribology	1	53	20	11	2	3	1	0	0	91
414			Fluid Mechanics	0	89	34	15	8	2	9	0	0	157
415			Heat Engineering	1	84	22	10	5	0	6	0	0	128
416			Mechanics and Control Engineering	1	60	23	9	10	1	6	0	1	111
417			Intelligent Mechanics and Machine System	0	72	24	20	10	1	4	0	0	131
			Machine Engineering total	5	542	177	99	57	12	33	0	2	927
421			Electric Power Engineering and Electric Machinery	1	114	30	23	10	3	5	0	3	189
422			Electronic and Electric Materials Engineering	0	95	37	10	11	4	8	0	0	165
423			Electron Devices and Apparatus Engineering	0	123	33	21	8	3	3	2	0	193
424			Information and Communication Engineering	0	244	78	38	30	10	20	1	0	421

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	2	1	1	0	0	0	0	0	4
323			Solid-State Physics II (Magnetism, Metal Physics,	0	4	3	0	0	0	0	0	0	7
324			Physical Properties in General (inclu. Basic Theories)	0	5	3	1	1	0	0	0	0	10
325			Physics in General	0	4	2	3	0	0	0	0	0	9
			Physics total	0	28	14	12	1	1	0	0	0	56
331			Physics of Solid Earth	0	1	0	1	0	0	0	0	0	2
332			Meteorology, Oceanography and Hydrology	0	1	0	0	0	0	0	0	0	1
333			Aeronomy	0	0	1	0	0	0	0	0	0	1
334			Geology	0	0	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	0	1	0	0	0	0	0	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	1	0	0	0	0	0	0	0	0	1
337			Geochemistry	0	1	0	0	0	0	0	0	0	1
			Earth Science total	1	4	1	1	0	0	0	0	0	7
341			Physical Chemistry	1	5	2	0	0	0	0	0	0	8
342			Organic Chemistry	0	3	2	0	0	0	0	0	0	5
343			Inorganic Chemistry	0	3	1	0	0	0	0	0	0	4
344			Function, Properties and Materials in Chemistry	0	3	0	2	0	0	0	0	0	5
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	3	1	1	0	1	0	0	0	6
			Chemistry total	1	17	6	3	0	1	0	0	0	28
351			Genetics	0	4	2	0	0	0	0	0	0	6
352			Ecology	0	14	3	2	0	0	0	0	0	19
353			Plant Physiology	0	4	1	0	0	0	0	0	0	5
354			Morphology, Structure of Organism	0	4	2	0	0	0	0	0	0	6
355			Animal Physiology and	0	1	3	1	1	0	0	0	0	6
356			Morphology and Taxonomy	0	3	1	0	0	0	0	0	0	4
			Biology total	0	30	12	3	1	0	0	0	0	46
361			Physical Anthropology (inclu. Physiological Anthropology)	0	3	0	0	0	1	0	0	0	4
			SCIENCE Total	3	97	41	35	2	3	0	0	0	181
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	1	0	0	0	1
402			Surface Physics	0	1	0	0	0	0	0	0	0	1
403			Applied Optics and Quantum Optics	0	2	3	0	0	0	0	0	0	5
404			General Applied Physics	0	4	2	2	0	0	0	0	0	8
405			Fundamentals of Engineering	0	0	2	0	0	0	0	0	0	2
			Applied Physics·Fundamentals of Engineering total	0	7	7	2	0	1	0	0	0	17
411			Materials for Machines and Strength of Materials	0	5	1	1	0	0	0	0	0	7
412			Workshop Processes and Production Engineering	0	2	0	4	0	0	0	0	0	6
413			Design Engineering, Machine Elements and Tribology	1	4	5	6	0	0	0	0	1	17
414			Fluid Mechanics	0	2	2	1	1	0	0	0	0	6
415			Heat Engineering	0	8	2	5	2	1	0	0	0	18
416			Mechanics and Control Engineering	0	5	5	4	1	1	0	0	0	16
417			Intelligent Mechanics and Machine System	0	3	4	7	0	1	0	0	0	15
			Machine Engineering total	1	29	19	28	4	3	0	0	1	85
421			Electric Power Engineering and Electric Machinery	0	5	3	1	1	0	0	0	0	10
422			Electronic and Electric Materials Engineering	0	1	3	1	2	0	0	0	0	7
423			Electron Devices and Apparatus Engineering	0	4	1	3	0	0	0	0	0	8
424			Information and Communication Engineering	1	13	9	5	1	0	0	0	0	29

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Colleges of Technology									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	1	0	0	0	0	0	0	0	1
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	0	0	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	0	0	0	0	0	0
325			Physics in General	0	0	0	0	0	0	0	0	0	0
			Physics total	0	1	0	1	1	0	0	0	0	3
331			Physics of Solid Earth	0	0	0	0	0	0	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	0	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	0	0	0	0	0	0	0	0	0
341			Physical Chemistry	0	0	0	0	0	0	0	0	0	0
342			Organic Chemistry	0	0	0	0	0	0	0	0	0	0
343			Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
344			Function, Properties and Materials in Chemistry	0	0	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	0	0	0	0	0	0	0	0
			Chemistry total	0	0	0	0	0	0	0	0	0	0
351			Genetics	0	0	0	0	0	0	0	0	0	0
352			Ecology	0	0	0	0	0	0	0	0	0	0
353			Plant Physiology	0	0	0	0	0	0	0	0	0	0
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0	0	0
355			Animal Physiology and	0	0	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	0	0	0	0	0	0	0	0	0	0
			Biology total	0	0	0	0	0	0	0	0	0	0
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
			SCIENCE Total	0	2	3	3	1	0	0	0	0	9
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	1	0	0	0	0	0	0	0	1
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	2	0	0	0	0	0	0	0	2
404			General Applied Physics	0	1	1	0	0	0	0	0	0	2
405			Fundamentals of Engineering	0	0	0	0	0	0	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	0	4	1	0	0	0	0	0	0	5
411			Materials for Machines and Strength of Materials	0	1	0	0	0	0	0	0	0	1
412			Workshop Processes and Production Engineering	0	1	0	1	0	0	0	0	0	2
413			Design Engineering, Machine Elements and Tribology	0	1	0	0	0	0	0	0	0	1
414			Fluid Mechanics	0	0	0	0	0	0	0	0	0	0
415			Heat Engineering	0	1	0	0	0	0	0	0	0	1
416			Mechanics and Control Engineering	0	1	0	1	0	0	0	0	0	2
417			Intelligent Mechanics and Machine System	0	0	0	0	0	0	0	0	0	0
			Machine Engineering total	0	5	0	2	0	0	0	0	0	7
421			Electric Power Engineering and Electric Machinery	0	1	1	2	0	0	0	0	0	4
422			Electronic and Electric Materials Engineering	0	0	1	0	0	0	0	0	0	1
423			Electron Devices and Apparatus Engineering	0	0	0	2	0	0	0	0	0	2
424			Information and Communication Engineering	0	3	0	2	2	0	0	0	0	7

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Private Scientific Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	0	0	0	1	0	0	0	1
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	0	0	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	0	0	0	0	0	0
325			Physics in General	0	0	0	0	0	2	0	0	0	2
			Physics total	0	0	0	0	0	3	0	0	0	3
331			Physics of Solid Earth	0	0	0	0	0	1	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	0	0	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0	0
334			Geology	0	0	0	0	0	4	0	0	0	4
335			Stratigraphy and Paleontology	0	0	0	0	0	1	0	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0	0	0
337			Geochemistry	0	0	0	0	0	0	0	0	0	0
			Earth Science total	0	0	0	0	0	6	0	0	0	6
341			Physical Chemistry	0	0	0	0	0	0	0	1	0	1
342			Organic Chemistry	0	0	0	0	0	9	0	0	0	9
343			Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
344			Function, Properties and Materials in Chemistry	0	0	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	0	0	0	0	0	1	0	0	0	1
			Chemistry total	0	0	0	0	0	10	0	1	0	11
351			Genetics	0	0	0	0	0	3	0	0	0	3
352			Ecology	0	0	0	0	0	10	0	0	0	10
353			Plant Physiology	0	0	0	0	0	1	0	0	0	1
354			Morphology, Structure of Organism	0	0	0	0	0	2	0	0	0	2
355			Animal Physiology and	0	0	0	0	0	0	0	0	1	1
356			Morphology and Taxonomy	0	0	0	0	0	4	0	0	0	4
			Biology total	0	0	0	0	0	20	0	0	1	21
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0	0	0
	SCIENCE Total			0	0	0	0	0	42	0	1	1	44
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	0	1	0	0	0	1
402			Surface Physics	0	0	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0	0	1	0	0	0	1
404			General Applied Physics	0	0	0	0	0	12	0	0	0	12
405			Fundamentals of Engineering	0	0	0	0	0	0	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	0	0	0	0	0	14	0	0	0	14
411			Materials for Machines and Strength of Materials	0	0	0	0	0	1	0	0	0	1
412			Workshop Processes and Production Engineering	0	0	0	0	0	0	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	0	0	0	0	0	1	0	0	0	1
414			Fluid Mechanics	0	0	0	0	0	0	0	0	0	0
415			Heat Engineering	0	0	0	0	0	0	0	0	0	0
416			Mechanics and Control Engineering	0	0	0	0	0	0	0	0	0	0
417			Intelligent Mechanics and Machine System	0	0	0	0	0	0	0	0	0	0
			Machine Engineering total	0	0	0	0	0	2	0	0	0	2
421			Electric Power Engineering and Electric Machinery	0	0	0	0	0	0	0	0	0	0
422			Electronic and Electric Materials Engineering	0	0	0	0	0	3	0	0	0	3
423			Electron Devices and Apparatus Engineering	0	0	0	0	0	1	0	0	0	1
424			Information and Communication Engineering	0	0	0	0	0	1	0	0	0	1

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Total									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	61	23	9	15	5	5	0	0	118
323			Solid-State Physics II (Magnetism, Metal Physics,	1	65	22	11	11	1	4	1	1	117
324			Physical Properties in General (inclu. Basic Theories)	0	56	26	14	13	2	0	1	0	112
325			Physics in General	0	46	31	17	13	6	1	0	1	115
			Physics total	3	371	159	78	61	18	15	2	2	709
331			Physics of Solid Earth	0	17	10	2	1	1	0	0	0	31
332			Meteorology, Oceanography and Hydrology	0	33	12	5	3	0	1	0	0	54
333			Aeronomy	0	14	3	0	0	2	1	0	0	20
334			Geology	2	16	3	1	5	5	2	0	0	34
335			Stratigraphy and Paleontology	0	6	2	1	2	1	4	0	0	16
336			Mineralogy, Petrology and Study of Mineral Deposit	2	16	2	0	1	1	0	0	0	22
337			Geochemistry	1	13	6	5	2	1	1	0	0	29
			Earth Science total	5	115	38	14	14	11	9	0	0	206
341			Physical Chemistry	2	83	29	22	17	3	4	1	0	161
342			Organic Chemistry	1	62	26	28	20	9	4	0	0	150
343			Inorganic Chemistry	1	43	17	15	11	2	4	0	1	94
344			Function, Properties and Materials in Chemistry	0	35	14	14	9	1	3	0	0	76
345			Substance Transformation	0	5	1	0	2	1	0	0	0	9
346			Separation, Refining and Identification	0	34	17	11	13	3	0	0	0	78
			Chemistry total	4	262	104	90	72	19	15	1	1	568
351			Genetics	1	20	14	4	6	3	1	0	0	49
352			Ecology	0	62	24	11	5	11	1	0	0	114
353			Plant Physiology	0	27	13	4	10	1	4	0	0	59
354			Morphology, Structure of Organism	0	20	5	14	8	5	0	0	0	52
355			Animal Physiology and	0	17	9	8	7	0	1	1	1	44
356			Morphology and Taxonomy	0	32	15	3	4	4	1	0	0	59
			Biology total	1	178	80	44	40	24	8	1	1	377
361			Physical Anthropology (inclu. Physiological Anthropology)	1	27	6	7	4	1	0	0	1	47
			SCIENCE Total	16	1,373	584	348	226	85	71	4	6	2,713
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	38	14	6	4	7	3	0	0	72
402			Surface Physics	0	32	5	2	3	0	1	0	0	43
403			Applied Optics and Quantum Optics	0	63	17	6	7	1	2	0	0	96
404			General Applied Physics	0	29	12	7	2	13	1	0	0	64
405			Fundamentals of Engineering	0	22	7	6	4	0	4	0	0	43
			Applied Physics·Fundamentals of Engineering total	0	184	55	27	20	21	11	0	0	318
411			Materials for Machines and Strength of Materials	2	110	29	16	13	5	4	0	0	179
412			Workshop Processes and Production Engineering	0	83	26	24	9	1	3	0	1	147
413			Design Engineering, Machine Elements and Tribology	2	58	25	17	2	4	1	0	1	110
414			Fluid Mechanics	0	91	36	16	9	2	9	0	0	163
415			Heat Engineering	1	93	24	15	7	1	6	0	0	147
416			Mechanics and Control Engineering	1	66	28	14	11	2	6	0	1	129
417			Intelligent Mechanics and Machine System	0	75	28	27	10	2	4	0	0	146
			Machine Engineering total	6	576	196	129	61	17	33	0	3	1,021
421			Electric Power Engineering and Electric Machinery	1	120	34	26	11	3	5	0	3	203
422			Electronic and Electric Materials Engineering	0	96	41	11	13	7	8	0	0	176
423			Electron Devices and Apparatus Engineering	0	127	34	26	8	4	3	2	0	204
424			Information and Communication Engineering	1	260	87	45	33	11	20	1	0	458

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Universities									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	0	54	24	13	2	0	9	2	2	106
427			Electronic Measurements	0	74	34	19	9	4	8	0	0	148
428			Control Engineering	0	43	24	13	7	0	3	0	0	90
			Electric and Electronic Engineering	1	747	260	137	77	24	56	5	5	1,312
431			Construction Materials and Dynamics in General Civil Engineering	2	53	8	10	5	2	4	0	0	84
432			Structural Engineering and Seismology	0	67	16	2	5	4	6	0	0	100
433			Ground Engineering	1	45	10	10	7	3	4	0	0	80
434			Hydraulics and River Engineering	1	43	18	7	3	2	7	0	1	82
435			Traffic Engineering and Regional Planning	1	39	17	17	7	0	3	0	0	84
436			Civil Environmental System	0	36	14	8	4	4	9	0	1	76
			Civil Engineering total	5	283	83	54	31	15	33	0	2	506
441		G	Building Structure and Materials	1	119	46	20	14	5	8	0	0	213
442			Building Science and Building Equipment	0	59	23	15	7	1	1	0	1	107
443			City Planning and Building Planning	0	179	93	46	25	2	12	0	0	357
444			Architectural History and Design	1	80	27	16	9	5	6	0	0	144
			Architecture total	2	437	189	97	55	13	27	0	1	821
451		N	Physical Metallurgy	0	11	9	2	1	1	0	0	0	24
452			Inorganic Materials and	1	30	16	7	12	0	2	0	1	69
453			Composed Materials and Properties	0	10	9	3	2	1	0	0	1	26
454			Structural and Functional Materials	0	29	4	2	3	1	2	0	0	41
455		R	Metallurgy and Material	0	47	18	5	2	1	1	0	0	74
456			Metal Productive Engineering	0	14	3	1	0	1	1	0	0	20
			Material Engineering total	1	141	59	20	20	5	6	0	2	254
461		G	Chemical Engineering in General	0	18	8	3	6	1	1	0	0	37
462			Reaction and Separation Engineering	0	12	5	0	2	0	0	0	0	19
463			Catalyst and Chemical Process	0	17	1	1	2	0	0	0	0	21
464			Bioengineering	0	19	14	7	5	1	1	0	1	48
465			Industrial Analytical Chemistry	0	14	2	4	1	1	0	0	0	22
			Process Engineering total	0	80	30	15	16	3	2	0	1	147
471			Industrial Physical Chemistry	0	25	9	2	1	1	0	0	0	38
472			Industrial Inorganic Chemistry	0	12	5	3	3	0	4	0	0	27
473			Industrial Organic Chemistry	0	16	6	1	3	1	1	0	0	28
474			Synthetic Chemistry	1	22	10	3	5	0	2	0	0	43
475			Polymer Synthesis	0	18	11	4	1	2	0	0	0	36
476			Polymer Structure and Property (inclu. Fiber)	0	32	7	6	4	0	0	0	0	49
			Industrial Chemistry total	1	125	48	19	17	4	7	0	0	221
481			Aeronautics	0	20	9	5	2	1	1	0	0	38
482			Ship Engineering	1	10	1	0	1	0	0	0	0	13
483			Marine Engineering	0	6	1	2	2	0	1	0	0	12
484			Resource Development Engineering	0	7	1	0	0	0	0	0	0	8
			Synthetic Engineering total	1	43	12	7	5	1	2	0	0	71
			ENGINEERING Total	16	2,571	905	473	298	83	177	5	13	4,541
501	A G R I C U L T U R E		Plant Breeding	0	10	2	4	1	0	1	0	0	18
502			Crop Science	0	11	2	2	0	1	0	0	0	16
503			Horticulture and Landscape Architecture	2	33	24	12	4	0	0	0	0	75
504			Plant Protection	0	17	6	6	1	0	2	1	0	33
505			Sericultural Science and Economic Entomology	0	6	4	1	1	1	0	0	1	14
			Agriculture total	2	77	38	25	7	2	3	1	1	156
511			Plant Fertilizer and Manure and Soil Science	1	10	4	3	1	0	1	0	0	20
512			Applied Microbiochemistry and Applied Biochemistry	1	71	24	19	19	2	4	1	0	141
513			Biological Productive Chemistry and Bioorganic Chemistry	1	11	6	2	4	2	5	0	0	31
514			Food Science and Nutritional Chemistry	1	111	33	22	29	2	3	0	0	201

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E		System Engineering	0	4	3	3	0	0	0	0	0	10
427			Electronic Measurements	0	4	3	2	1	0	0	0	0	10
428			Control Engineering	0	1	1	3	0	0	0	0	0	5
			Electric and Electronic Engineering	1	32	23	18	5	0	0	0	0	79
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	1	5	0	0	0	1	0	0	0	7
433			Ground Engineering	0	1	0	0	0	0	0	0	0	1
434			Hydraulics and River Engineering	1	0	1	1	0	0	0	0	0	3
435			Traffic Engineering and Regional Planning	3	0	2	3	0	0	0	0	0	8
436			Civil Environmental System	0	1	2	0	0	0	0	0	0	3
			Civil Engineering total	5	7	5	4	0	1	0	0	0	22
441		N	Building Structure and Materials	0	3	5	1	0	0	0	0	0	9
442			Building Science and Building Equipment	0	3	4	0	1	0	0	0	0	8
443			City Planning and Building Planning	0	22	12	5	3	0	0	0	0	42
444			Architectural History and Design	0	10	12	6	0	0	0	0	0	28
			Architecture total	0	38	33	12	4	0	0	0	0	87
451		N	Physical Metallurgy	0	0	0	0	1	0	0	0	0	1
452			Inorganic Materials and	0	1	0	0	0	0	0	0	0	1
453			Composed Materials and Properties	0	1	0	0	0	0	0	0	0	1
454			Structural and Functional Materials	1	2	0	1	0	0	0	0	0	4
455		R	Metallurgy and Material	0	2	2	1	0	0	0	0	0	5
456			Metal Productive Engineering	1	1	0	1	0	0	0	0	0	3
			Material Engineering total	2	7	2	3	1	0	0	0	0	15
461		G	Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	1	0	0	0	0	0	0	1
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	1	0	0	0	0	0	0	1
471			Industrial Physical Chemistry	0	0	1	0	0	0	0	0	0	1
472			Industrial Inorganic Chemistry	0	0	0	1	0	0	0	0	0	1
473			Industrial Organic Chemistry	0	4	1	0	0	0	0	0	0	5
474			Synthetic Chemistry	0	0	1	0	0	1	0	0	0	2
475			Polymer Synthesis	0	2	0	0	0	0	0	0	0	2
476			Polymer Structure and Property (inclu. Fiber)	1	13	3	1	0	1	0	0	0	19
			Industrial Chemistry total	1	19	6	2	0	2	0	0	0	30
481			Aeronautics	0	0	0	1	0	0	0	0	0	1
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	1	0	0	0	0	0	1
			ENGINEERING Total	10	139	96	70	14	7	0	0	1	337
501	A	G	Plant Breeding	0	0	1	1	0	0	0	0	0	2
502			Crop Science	0	1	0	0	0	0	0	0	0	1
503			Horticulture and Landscape Architecture	1	10	8	3	0	1	0	0	0	23
504			Plant Protection	0	1	2	0	0	0	0	0	0	3
505			Sericultural Science and Economic Entomology	1	2	0	0	0	0	0	0	0	3
			Agriculture total	2	14	11	4	0	1	0	0	0	32
511		R	Plant Fertilizer and Manure and Soil Science	0	4	0	0	0	0	0	0	0	4
512			Applied Microbiochemistry and Applied Biochemistry	1	15	11	3	1	1	0	0	0	32
513			Biological Productive Chemistry and Bioorganic Chemistry	0	5	0	1	0	0	0	0	0	6
514			Food Science and Nutritional Chemistry	3	100	40	17	15	0	0	0	1	176

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E		System Engineering	0	0	2	0	0	0	0	0	0	2
427			Electronic Measurements	0	3	1	1	0	0	0	0	0	5
428			Control Engineering	0	3	0	1	0	0	0	0	0	4
			Electric and Electronic Engineering	0	10	5	8	2	0	0	0	0	25
431			Construction Materials and Dynamics in General Civil Engineering	0	0	1	0	0	0	0	0	0	1
432			Structural Engineering and Seismology	0	0	1	0	0	0	0	0	0	1
433			Ground Engineering	0	0	0	0	0	0	0	0	0	0
434			Hydraulics and River Engineering	0	1	0	0	0	0	0	0	0	1
435			Traffic Engineering and Regional Planning	0	0	0	0	1	0	0	0	0	1
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	1	2	0	1	0	0	0	0	4
441		N	Building Structure and Materials	0	0	0	0	0	0	0	0	0	0
442			Building Science and Building Equipment	0	0	0	0	0	0	0	0	0	0
443			City Planning and Building Planning	0	0	0	0	0	0	0	0	0	0
444			Architectural History and Design	0	0	0	1	0	0	0	0	0	1
			Architecture total	0	0	0	1	0	0	0	0	0	1
451		N	Physical Metallurgy	0	0	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	0	0	0	0	0	0	0	0
454			Structural and Functional Materials	0	0	0	0	0	0	0	0	0	0
455		R	Metallurgy and Material	0	0	0	1	0	0	0	0	0	1
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	1	0	0	0	0	0	1
461		G	Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	0	0	0	0	0	0	0	0
471			Industrial Physical Chemistry	0	0	0	0	0	0	0	0	0	0
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	0	0	0	0	0	0
475			Polymer Synthesis	0	0	0	0	0	0	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	0	0	0	0	0	0
			Industrial Chemistry total	0	0	0	0	0	0	0	0	0	0
481			Aeronautics	0	0	0	0	0	0	0	0	0	0
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	0	0	0	0	0	0	0
			ENGINEERING Total	0	20	8	12	3	0	0	0	0	43
501	A	G	Plant Breeding	0	0	0	0	0	0	0	0	0	0
502			Crop Science	0	0	0	0	0	0	0	0	0	0
503			Horticulture and Landscape Architecture	0	0	0	0	0	0	0	0	0	0
504			Plant Protection	0	0	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0	0
			Agriculture total	0	0	0	0	0	0	0	0	0	0
511		R	Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	0	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	0	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0	0
514			Food Science and Nutritional Chemistry	0	0	0	0	0	0	0	0	0	0

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E		System Engineering	0	0	0	0	0	1	0	0	0	1
427			Electronic Measurements	0	0	0	0	0	1	0	0	0	1
428			Control Engineering	0	0	0	0	0	0	0	0	0	0
			Electric and Electronic Engineering	0	0	0	0	0	7	0	0	0	7
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0	0	0	0	0	0	0
433			Ground Engineering	0	0	0	0	0	1	0	0	0	1
434			Hydraulics and River Engineering	0	0	0	0	0	4	0	0	0	4
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0	0	0
			Civil Engineering total	0	0	0	0	0	5	0	0	0	5
441		N	Building Structure and Materials	0	0	0	0	0	1	0	0	0	1
442			Building Science and Building Equipment	0	0	0	0	0	4	0	0	0	4
443			City Planning and Building Planning	0	0	0	0	0	1	0	0	0	1
444			Architectural History and Design	0	0	0	0	0	0	0	0	0	0
			Architecture total	0	0	0	0	0	6	0	0	0	6
451		N	Physical Metallurgy	0	0	0	0	0	2	0	0	0	2
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	0	0	0	0	0	0	0	0
454			Structural and Functional Materials	0	0	0	0	0	1	0	0	0	1
455		R	Metallurgy and Material	0	0	0	0	0	3	0	0	0	3
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0	0
			Material Engineering total	0	0	0	0	0	6	0	0	0	6
461		G	Chemical Engineering in General	0	0	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0	0
464			Bioengineering	0	0	0	0	0	1	0	0	0	1
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0	0
			Process Engineering total	0	0	0	0	0	1	0	0	0	1
471			Industrial Physical Chemistry	0	0	0	0	0	2	0	0	0	2
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	0	3	0	0	0	3
475			Polymer Synthesis	0	0	0	0	0	0	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	0	1	0	0	0	1
			Industrial Chemistry total	0	0	0	0	0	6	0	0	0	6
481			Aeronautics	0	0	0	0	0	0	0	0	0	0
482			Ship Engineering	0	0	0	0	0	0	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0	0	0
			Synthetic Engineering total	0	0	0	0	0	0	0	0	0	0
			ENGINEERING Total	0	0	0	0	0	47	0	0	0	47
501	A	G	Plant Breeding	0	0	0	0	0	4	0	0	0	4
502			Crop Science	0	0	0	0	0	1	0	0	0	1
503			Horticulture and Landscape Architecture	0	0	0	0	0	1	0	0	0	1
504			Plant Protection	0	0	0	0	0	2	0	0	0	2
505			Sericultural Science and Economic Entomology	0	0	0	0	0	13	0	0	0	13
			Agriculture total	0	0	0	0	0	21	0	0	0	21
511		R	Plant Fertilizer and Manure and Soil Science	0	0	0	0	0	0	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	0	9	0	0	0	9
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	3	0	0	0	3
514			Food Science and Nutritional Chemistry	0	0	0	0	0	2	0	0	0	2

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Total									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
425	E N G I N E E R I N G		System Engineering	0	58	29	16	2	1	9	2	2	119
427			Electronic Measurements	0	81	38	22	10	5	8	0	0	164
428			Control Engineering	0	47	25	17	7	0	3	0	0	99
		Electric and Electronic Engineering	2	789	288	163	84	31	56	5	5	1,423	
431			Construction Materials and Dynamics in General Civil Engineering	2	53	9	10	5	2	4	0	0	85
432			Structural Engineering and Seismology	1	72	17	2	5	5	6	0	0	108
433			Ground Engineering	1	46	10	10	7	4	4	0	0	82
434			Hydraulics and River Engineering	2	44	19	8	3	6	7	0	1	90
435			Traffic Engineering and Regional Planning	4	39	19	20	8	0	3	0	0	93
436			Civil Environmental System	0	37	16	8	4	4	9	0	1	79
		Civil Engineering total	10	291	90	58	32	21	33	0	2	537	
441		N	Building Structure and Materials	1	122	51	21	14	6	8	0	0	223
442			Building Science and Building Equipment	0	62	27	15	8	5	1	0	1	119
443			City Planning and Building Planning	0	201	105	51	28	3	12	0	0	400
444			Architectural History and Design	1	90	39	23	9	5	6	0	0	173
		Architecture total	2	475	222	110	59	19	27	0	1	915	
451		N	Physical Metallurgy	0	11	9	2	2	3	0	0	0	27
452			Inorganic Materials and	1	31	16	7	12	0	2	0	1	70
453		E	Composed Materials and Properties	0	11	9	3	2	1	0	0	1	27
454		E	Structural and Functional Materials	1	31	4	3	3	2	2	0	0	46
455			Metallurgy and Material	0	49	20	7	2	4	1	0	0	83
456			Metal Productive Engineering	1	15	3	2	0	1	1	0	0	23
		Material Engineering total	3	148	61	24	21	11	6	0	2	276	
461		N	Chemical Engineering in General	0	18	8	3	6	1	1	0	0	37
462			Reaction and Separation Engineering	0	12	5	0	2	0	0	0	0	19
463			Catalyst and Chemical Process	0	17	1	1	2	0	0	0	0	21
464			Bioengineering	0	19	15	7	5	2	1	0	1	50
465			Industrial Analytical Chemistry	0	14	2	4	1	1	0	0	0	22
		Process Engineering total	0	80	31	15	16	4	2	0	1	149	
471			Industrial Physical Chemistry	0	25	10	2	1	3	0	0	0	41
472			Industrial Inorganic Chemistry	0	12	5	4	3	0	4	0	0	28
473			Industrial Organic Chemistry	0	20	7	1	3	1	1	0	0	33
474			Synthetic Chemistry	1	22	11	3	5	4	2	0	0	48
475			Polymer Synthesis	0	20	11	4	1	2	0	0	0	38
476			Polymer Structure and Property (inclu. Fiber)	1	45	10	7	4	2	0	0	0	69
		Industrial Chemistry total	2	144	54	21	17	12	7	0	0	257	
481			Aeronautics	0	20	9	6	2	1	1	0	0	39
482			Ship Engineering	1	10	1	0	1	0	0	0	0	13
483			Marine Engineering	0	6	1	2	2	0	1	0	0	12
484			Resource Development Engineering	0	7	1	0	0	0	0	0	0	8
		Synthetic Engineering total	1	43	12	8	5	1	2	0	0	72	
		ENGINEERING Total		26	2,730	1,009	555	315	137	177	5	14	4,968
501	A G R I C U L T U R E		Plant Breeding	0	10	3	5	1	4	1	0	0	24
502			Crop Science	0	12	2	2	0	2	0	0	0	18
503			Horticulture and Landscape Architecture	3	43	32	15	4	2	0	0	0	99
504			Plant Protection	0	18	8	6	1	2	2	1	0	38
505			Sericultural Science and Economic Entomology	1	8	4	1	1	14	0	0	1	30
		Agriculture total	4	91	49	29	7	24	3	1	1	209	
511			Plant Fertilizer and Manure and Soil Science	1	14	4	3	1	0	1	0	0	24
512			Applied Microbiochemistry and Applied Biochemistry	2	86	35	22	20	12	4	1	0	182
513			Biological Productive Chemistry and Bioorganic Chemistry	1	16	6	3	4	5	5	0	0	40
514			Food Science and Nutritional Chemistry	4	211	73	39	44	4	3	0	1	379

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	4	203	67	46	53	6	13	1	0	393
521			Forestry	0	10	8	8	1	1	1	0	1	30
522	G		Wood Science	0	7	3	2	0	0	0	0	0	12
			Forestry total	0	17	11	10	1	1	1	0	1	42
531	R		Fisheries in General	0	33	6	18	7	1	7	0	1	73
532			Fisheries Chemistry	0	10	4	3	4	0	0	0	0	21
			Fisheries total	0	43	10	21	11	1	7	0	1	94
541	I		Agricultural Economics	3	61	28	10	1	0	4	0	0	107
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	10	7	2	0	0	1	0	0	20
552	U		Agricultural Machinery	0	3	2	1	2	0	0	0	0	8
553	L		Biological Environment	0	7	1	1	0	1	1	0	0	11
			Agricultural Engineering total	0	20	10	4	2	1	2	0	0	39
561	T		Animal Science and Grassland Science	0	18	11	9	0	1	2	0	0	41
562	U		Applied Animal Science	0	10	10	2	2	0	8	0	0	32
563	R		Basic Veterinary Medicine and Basic Animal Science	0	33	14	11	6	0	13	0	0	77
564			Applied Veterinary Medicine	1	31	24	16	14	1	14	0	0	101
	E		Animal Science·Veterinary Medicine total	1	92	59	38	22	2	37	0	0	251
571			Biological Resource Science	0	7	3	2	1	1	0	0	0	14
572			Applied Molecular Cell Biology	0	6	2	2	0	0	1	0	0	11
			Interdisciplinary Agricultural Science total	0	13	5	4	1	1	1	0	0	25
			AGRICULTURE Total	10	526	228	158	98	14	68	2	3	1,107
601			Anatomy in General (inclu. Histology, Embryology)	1	35	32	32	35	1	8	0	0	144
602			Physiology in General	1	48	27	37	32	3	7	1	0	156
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	58	22	20	13	1	3	0	0	118
604			Pharmacology in General	4	35	23	33	40	3	6	0	0	144
605			Medical Chemistry in General	1	24	13	19	22	1	8	0	0	88
606			Pathological Medical Chemistry	0	14	8	6	11	0	1	0	0	40
			Physiology total	8	214	125	147	153	9	33	1	0	690
611	M		Hominal Pathology	1	49	37	45	70	4	18	0	1	225
612	E		Experimental Pathology	0	8	12	11	20	2	2	0	0	55
613	D		Parasitology (inclu. Medical Zoology)	0	8	11	26	11	0	0	0	0	56
614			Bacteriology (inclu. Eumycetes)	1	33	16	23	35	3	7	0	0	118
615	I		Virology	0	14	10	11	13	1	1	0	0	50
616			Immunology	0	30	24	24	41	2	8	1	0	130
			Pathology total	2	142	110	140	190	12	36	1	1	634
621	C		Hygiene	0	39	17	28	25	1	4	0	0	114
622	I		Public Health and Health Science	2	148	57	55	52	2	9	0	1	326
623			Legal Medicine	1	17	11	18	30	1	0	0	0	78
			Social Medicine total	3	204	85	101	107	4	13	0	1	518
631	N		Internal Medicine in General	2	51	31	55	75	14	13	0	1	242
632	E		Gastroenterology	1	41	40	70	84	8	21	1	2	268
633			Internal Medicine Respiratory System	0	23	22	36	35	4	6	0	0	126
634			Neurological Medicine	0	30	32	35	48	0	13	0	0	158
635			Cardioangiopathy	0	46	46	87	113	9	17	0	3	321
636			Pediatrics	1	51	38	66	83	11	11	0	1	262
637			Dermatology	0	25	24	21	55	4	9	0	1	139
638			Radiology	0	52	30	76	95	10	8	0	0	271
639			Neuropsychiatry	1	77	38	45	64	8	22	0	1	256
641			Hematology	0	26	27	37	60	4	7	0	2	163
642			Internal Medicine of Kidney	0	16	23	27	42	1	15	0	1	125
643			Embryology and Newborn	0	5	3	5	10	0	0	0	0	23
644			Endocrinology	0	17	13	25	27	2	3	0	0	87
645			Metabolic Science	0	20	16	27	21	3	4	0	1	92
			Internal Medicine total	5	480	383	612	812	78	149	1	13	2,533
651			Surgery in General	0	54	38	60	117	5	3	0	0	277
652			Gastroenterological Surgery	0	33	32	61	84	7	6	0	0	223
653			Thoracic Surgery	1	34	29	48	83	8	6	0	2	211

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	4	124	51	21	16	1	0	0	1	218
521			Forestry	0	2	0	1	0	0	0	0	0	3
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	2	0	1	0	0	0	0	0	3
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	5	1	1	1	0	0	0	0	8
			Fisheries total	0	5	1	1	1	0	0	0	0	8
541	I		Agricultural Economics	0	6	3	1	0	0	0	0	0	10
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	2	0	0	0	0	0	0	0	2
552	U		Agricultural Machinery	1	4	1	0	0	0	0	0	0	6
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	1	6	1	0	0	0	0	0	0	8
561	T		Animal Science and Grassland Science	0	1	1	1	0	0	0	0	0	3
562	U		Applied Animal Science	0	1	0	1	0	0	0	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	0	3	0	1	1	0	0	0	0	5
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	5	1	3	1	0	0	0	0	10
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	1	1	0	0	0	0	0	0	2
			Interdisciplinary Agricultural Science total	0	1	1	0	0	0	0	0	0	2
			AGRICULTURE Total	7	163	69	31	18	2	0	0	1	291
601			Anatomy in General (inclu. Histology, Embryology)	0	9	2	2	1	0	0	0	0	14
602			Physiology in General	0	12	1	1	5	0	0	0	0	19
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	12	8	7	4	1	0	0	0	33
604			Pharmacology in General	0	9	2	1	0	0	0	0	0	12
605			Medical Chemistry in General	0	10	2	2	0	0	0	0	0	14
606			Pathological Medical Chemistry	0	0	2	1	1	0	0	0	0	4
			Physiology total	1	52	17	14	11	1	0	0	0	96
611	M		Hominal Pathology	0	5	1	1	2	0	0	0	0	9
612	E		Experimental Pathology	0	3	4	0	0	0	0	0	0	7
613	D		Parasitology (inclu. Medical Zoology)	0	4	1	0	1	0	0	0	0	6
614			Bacteriology (inclu. Eumycetes)	0	7	0	2	1	0	0	0	0	10
615	I		Virology	0	0	0	0	0	0	0	0	1	1
616			Immunology	0	3	0	1	2	0	0	0	0	6
			Pathology total	0	22	6	4	6	0	0	0	1	39
621	C		Hygiene	0	9	1	3	0	0	0	0	0	13
622	I		Public Health and Health Science	1	64	25	20	7	0	0	0	0	117
623			Legal Medicine	0	1	0	0	0	0	0	0	1	2
			Social Medicine total	1	74	26	23	7	0	0	0	1	132
631	N		Internal Medicine in General	0	5	0	3	0	0	0	0	0	8
632	E		Gastroenterology	0	1	0	0	0	0	0	0	0	1
633			Internal Medicine Respiratory System	0	2	1	0	0	0	0	0	0	3
634			Neurological Medicine	0	2	0	1	0	1	0	0	0	4
635			Cardioangiopathy	1	1	0	2	0	0	0	0	0	4
636			Pediatrics	0	8	4	2	0	0	0	0	0	14
637			Dermatology	0	1	0	0	0	0	0	0	0	1
638			Radiology	1	6	7	3	0	0	0	0	0	17
639			Neuropsychiatry	1	10	3	0	0	0	0	0	0	14
641			Hematology	1	1	0	0	0	0	0	0	0	2
642			Internal Medicine of Kidney	1	0	1	1	2	0	0	0	0	5
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	2	0	0	0	0	0	0	0	2
645			Metabolic Science	0	1	0	2	0	0	0	0	0	3
			Internal Medicine total	5	40	16	14	2	1	0	0	0	78
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	1	0	0	0	0	0	0	0	1

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	0	0	0	0	0
521			Forestry	0	0	0	0	0	0	0	0	0	0
522	G		Wood Science	0	0	0	0	0	0	0	0	0	0
			Forestry total	0	0	0	0	0	0	0	0	0	0
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	0	0	0	0	0
			Fisheries total	0	0	0	0	0	0	0	0	0	0
541	I		Agricultural Economics	0	0	0	0	0	0	0	0	0	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	0	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	0	0	0	0	0
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	0
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	0	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	0	0	0	0	0	0	0	0	0
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	0	0	0	0	0
602			Physiology in General	0	0	0	0	0	0	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	0	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	0	0	0	0	0	0	0	0	0
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	0
			Physiology total	0	0	0	0	0	0	0	0	0	0
611	M		Hominal Pathology	0	0	0	0	0	0	0	0	0	0
612	E		Experimental Pathology	0	0	0	0	0	0	0	0	0	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	0	0	0	0	0
615	I		Virology	0	0	0	0	0	0	0	0	0	0
616			Immunology	0	0	0	0	0	0	0	0	0	0
			Pathology total	0	0	0	0	0	0	0	0	0	0
621	C		Hygiene	0	0	0	0	0	0	0	0	0	0
622	I		Public Health and Health Science	0	0	0	0	0	0	0	0	0	0
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	0	0	0	0	0
631	N		Internal Medicine in General	0	0	0	0	0	0	0	0	0	0
632	E		Gastroenterology	0	0	0	0	0	0	0	0	0	0
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	0
635			Cardioangiopathy	0	0	0	0	0	0	0	0	0	0
636			Pediatrics	0	0	0	0	0	0	0	0	0	0
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	0	0	0	0	0
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	0	0	0	0	0
642			Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	0	0	0	0	0
645			Metabolic Science	0	0	0	0	0	0	0	0	0	0
			Internal Medicine total	0	0	0	0	0	0	0	0	0	0
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0	0	0
653			Thoracic Surgery	0	0	0	0	0	0	0	0	0	0

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Private Scientific Research Institutes									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	0	0	0	0	0	14	0	0	0	14
521			Forestry	0	0	0	0	0	0	0	0	0	0
522	G		Wood Science	0	0	0	0	0	1	0	0	0	1
			Forestry total	0	0	0	0	0	1	0	0	0	1
531	R		Fisheries in General	0	0	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	1	0	0	0	1
			Fisheries total	0	0	0	0	0	1	0	0	0	1
541	I		Agricultural Economics	0	0	0	0	0	1	0	0	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	0	0	0	0
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	0	0	0	0	0	0
			Agricultural Engineering total	0	0	0	0	0	0	0	0	0	0
561	T		Animal Science and Grassland Science	0	0	0	0	0	0	0	0	0	0
562	U		Applied Animal Science	0	0	0	0	0	2	0	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	0	11	0	0	0	11
564			Applied Veterinary Medicine	0	0	0	0	0	10	0	0	0	10
	E		Animal Science·Veterinary Medicine total	0	0	0	0	0	23	0	0	0	23
571			Biological Resource Science	0	0	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0	0	0	0	0	0	0
			AGRICULTURE Total	0	0	0	0	0	61	0	0	0	61
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	0	1	0	0	0	1
602			Physiology in General	0	0	0	0	0	0	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	0	0	0	0	0	0
604			Pharmacology in General	0	0	0	0	0	1	0	0	0	1
605			Medical Chemistry in General	0	0	0	0	0	5	0	0	0	5
606			Pathological Medical Chemistry	0	0	0	0	0	1	0	0	0	1
			Physiology total	0	0	0	0	0	8	0	0	0	8
611	M		Hominal Pathology	0	0	0	0	0	6	0	0	0	6
612	E		Experimental Pathology	0	0	0	0	0	6	0	0	0	6
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	0	0	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	0	6	0	0	0	6
615	I		Virology	0	0	0	0	0	21	0	0	0	21
616			Immunology	0	0	0	0	0	10	0	0	0	10
			Pathology total	0	0	0	0	0	49	0	0	0	49
621	C		Hygiene	0	0	0	0	0	7	0	0	0	7
622	I		Public Health and Health Science	0	0	0	0	0	4	0	0	0	4
623			Legal Medicine	0	0	0	0	0	0	0	0	0	0
			Social Medicine total	0	0	0	0	0	11	0	0	0	11
631	N		Internal Medicine in General	0	0	0	0	0	4	0	0	0	4
632	E		Gastroenterology	0	0	0	0	0	3	0	0	0	3
633			Internal Medicine Respiratory System	0	0	0	0	1	1	0	0	0	2
634			Neurological Medicine	0	0	0	0	0	1	0	0	0	1
635			Cardioangiopathy	0	0	0	0	0	3	0	0	0	3
636			Pediatrics	0	0	0	0	0	1	0	0	0	1
637			Dermatology	0	0	0	0	0	0	0	0	0	0
638			Radiology	0	0	0	0	0	5	0	0	0	5
639			Neuropsychiatry	0	0	0	0	0	0	0	0	0	0
641			Hematology	0	0	0	0	0	2	0	0	0	2
642			Internal Medicine of Kidney	0	0	0	0	0	3	0	0	0	3
643			Embryology and Newborn	0	0	0	0	0	0	0	0	0	0
644			Endocrinology	0	0	0	0	0	1	0	0	0	1
645			Metabolic Science	0	0	0	0	0	1	0	0	0	1
			Internal Medicine total	0	0	0	0	1	25	0	0	0	26
651			Surgery in General	0	0	0	0	0	0	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	2	0	0	0	2
653			Thoracic Surgery	0	0	0	0	0	2	0	0	0	2

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Total									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
	A		Agricultural Chemistry total	8	327	118	67	69	21	13	1	1	625
521			Forestry	0	12	8	9	1	1	1	0	1	33
522	G		Wood Science	0	7	3	2	0	1	0	0	0	13
			Forestry total	0	19	11	11	1	2	1	0	1	46
531	R		Fisheries in General	0	33	6	18	7	1	7	0	1	73
532			Fisheries Chemistry	0	15	5	4	5	1	0	0	0	30
			Fisheries total	0	48	11	22	12	2	7	0	1	103
541	I		Agricultural Economics	3	67	31	11	1	1	4	0	0	118
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	12	7	2	0	0	1	0	0	22
552	U		Agricultural Machinery	1	7	3	1	2	0	0	0	0	14
553	L		Biological Environment	0	7	1	1	0	1	1	0	0	11
			Agricultural Engineering total	1	26	11	4	2	1	2	0	0	47
561	T		Animal Science and Grassland Science	0	19	12	10	0	1	2	0	0	44
562	U		Applied Animal Science	0	11	10	3	2	2	8	0	0	36
563	R		Basic Veterinary Medicine and Basic Animal Science	0	36	14	12	7	11	13	0	0	93
564			Applied Veterinary Medicine	1	31	24	16	14	11	14	0	0	111
	E		Animal Science·Veterinary Medicine total	1	97	60	41	23	25	37	0	0	284
571			Biological Resource Science	0	7	3	2	1	1	0	0	0	14
572			Applied Molecular Cell Biology	0	7	3	2	0	0	1	0	0	13
			Interdisciplinary Agricultural Science total	0	14	6	4	1	1	1	0	0	27
			AGRICULTURE Total	17	689	297	189	116	77	68	2	4	1,459
601			Anatomy in General (inclu. Histology, Embryology)	1	44	34	34	36	2	8	0	0	159
602			Physiology in General	1	60	28	38	37	3	7	1	0	175
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	2	70	30	27	17	2	3	0	0	151
604			Pharmacology in General	4	44	25	34	40	4	6	0	0	157
605			Medical Chemistry in General	1	34	15	21	22	6	8	0	0	107
606			Pathological Medical Chemistry	0	14	10	7	12	1	1	0	0	45
			Physiology total	9	266	142	161	164	18	33	1	0	794
611	M		Hominal Pathology	1	54	38	46	72	10	18	0	1	240
612	E		Experimental Pathology	0	11	16	11	20	8	2	0	0	68
613	D		Parasitology (inclu. Medical Zoology)	0	12	12	26	12	0	0	0	0	62
614			Bacteriology (inclu. Eumycetes)	1	40	16	25	36	9	7	0	0	134
615	I		Virology	0	14	10	11	13	22	1	0	1	72
616			Immunology	0	33	24	25	43	12	8	1	0	146
			Pathology total	2	164	116	144	196	61	36	1	2	722
621	C		Hygiene	0	48	18	31	25	8	4	0	0	134
622	I		Public Health and Health Science	3	212	82	75	59	6	9	0	1	447
623			Legal Medicine	1	18	11	18	30	1	0	0	1	80
			Social Medicine total	4	278	111	124	114	15	13	0	2	661
631	N		Internal Medicine in General	2	56	31	58	75	18	13	0	1	254
632	E		Gastroenterology	1	42	40	70	84	11	21	1	2	272
633			Internal Medicine Respiratory System	0	25	23	36	36	5	6	0	0	131
634			Neurological Medicine	0	32	32	36	48	2	13	0	0	163
635			Cardioangiopathy	1	47	46	89	113	12	17	0	3	328
636			Pediatrics	1	59	42	68	83	12	11	0	1	277
637			Dermatology	0	26	24	21	55	4	9	0	1	140
638			Radiology	1	58	37	79	95	15	8	0	0	293
639			Neuropsychiatry	2	87	41	45	64	8	22	0	1	270
641			Hematology	1	27	27	37	60	6	7	0	2	167
642			Internal Medicine of Kidney	1	16	24	28	44	4	15	0	1	133
643			Embryology and Newborn	0	5	3	5	10	0	0	0	0	23
644			Endocrinology	0	19	13	25	27	3	3	0	0	90
645			Metabolic Science	0	21	16	29	21	4	4	0	1	96
			Internal Medicine total	10	520	399	626	815	104	149	1	13	2,637
651			Surgery in General	0	54	38	60	117	5	3	0	0	277
652			Gastroenterological Surgery	0	33	32	61	84	9	6	0	0	225
653			Thoracic Surgery	1	35	29	48	83	10	6	0	2	214

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities									Total
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	1	33	32	47	77	2	12	0	0	204
655			Orthopedic Surgery	1	58	52	66	88	7	24	0	0	296
656			Anesthesiology and Rescue Medicine	2	32	41	48	63	4	6	0	0	196
657			Urology	0	28	29	35	49	1	9	1	0	152
658			Obstetrics and Gynecology	0	41	30	59	67	4	9	0	0	210
659			Oto-rhino-laryngology	2	38	17	46	77	7	8	0	1	196
660			Ophthalmology	0	27	27	35	78	3	9	1	1	181
661			Pediatric Surgery	0	8	9	11	5	0	0	0	0	33
662			Formative Surgery	0	8	11	16	36	2	3	0	0	76
			Surgery total	7	394	347	532	824	50	95	2	4	2,255
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	0	25	38	47	52	3	38	0	0	203
672			Functional Basic Dentistry	0	26	24	30	36	7	20	0	2	145
673			Morbid Dentistry (inclu. Dental Radiology)	1	18	23	33	50	5	12	0	0	142
674			Conservative Dentistry	0	28	28	61	110	11	62	0	1	301
675			Prosthodontics and Dental Technology	0	41	43	72	136	21	80	0	2	395
676			Oral Surgery	0	46	40	89	148	9	65	0	0	397
677			Orthodontics, Pedodontics and Social Dentistry	1	43	32	78	125	23	75	0	2	379
678			Periodontological Dentistry	0	3	4	13	37	2	39	0	0	98
			Dentistry total	2	230	232	423	694	81	391	0	7	2,060
681			Chemical Pharmaceutics	4	95	72	48	114	5	17	0	0	355
682			Physical Pharmaceutics	2	50	22	26	48	1	5	0	0	154
683			Biopharmaceutics	1	104	74	56	123	2	15	0	0	375
684			Molecular Pharmaceutics	0	20	18	11	18	3	6	0	0	76
685			Environmental Pharmaceutics	0	23	4	6	12	0	4	0	0	49
			Pharmaceutics total	7	292	190	147	315	11	47	0	0	1,009
691			Medical Sociology	2	32	23	15	14	2	3	0	0	91
692			Human Genetics	0	3	2	5	9	0	0	0	0	19
693			Applied Pharmacology and Medical Pharmacology	0	35	25	21	30	1	1	0	1	114
694			Pathological Examination	0	21	9	16	23	1	1	0	0	71
696			Science of Basic and Local Nursing	1	50	26	49	36	0	1	0	0	163
697			Science of Clinical Nursing	0	35	46	68	72	0	4	0	2	227
			Medicine in General total	3	176	131	174	184	4	10	0	3	685
			MEDICINE Total	37	2,132	1,603	2,276	3,279	249	774	5	29	10,384
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	3	48	13	4	0	1	0	0	0	69
703			Physical Education	2	516	303	113	42	12	9	1	0	998
704			Human Geography	1	92	27	9	5	4	4	0	2	144
705			Physical Geography	0	34	8	4	1	2	2	0	0	51
			Geography total	1	126	35	13	6	6	6	0	2	195
706			Home Science(inclu. Cloth/Living Environments)	1	117	64	33	32	1	13	0	0	261
707			Food Culture	0	61	49	34	44	1	3	0	0	192
			Domestic Science total	1	178	113	67	76	2	16	0	0	453
708			Science of Cultural Property	0	2	4	2	1	1	1	0	0	11
711			Science Education	2	40	19	7	4	2	0	0	1	75
712	A R E A		Educational Engineering	1	74	52	36	16	3	2	0	0	184
713			Curriculum Studies	1	141	117	72	12	4	5	0	1	353
714			Japanese Language Education	0	44	24	28	1	2	4	0	1	104
			Science Education·Curriculum Education total	4	299	212	143	33	11	11	0	3	716
721			Statistics	0	43	18	10	4	2	6	0	0	83
731			Computer Science	1	154	113	58	34	5	11	0	1	377
732			Intelligent Informatics	2	97	61	46	24	2	12	1	0	245
733			Study of Information System (Inclu. Library and Information Science)	2	188	84	41	13	6	8	0	1	343
			Information Science total	5	439	258	145	71	13	31	1	2	965
741			Social System Engineering	1	109	43	30	20	3	14	1	0	221
751	I		Natural Disaster Science	0	5	6	0	0	0	1	0	0	12
761			Plasma Science and Technology	1	19	7	5	3	2	0	0	0	37
772			Nuclear Fusion	0	5	2	2	0	0	1	0	0	10

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Junior Colleges									Total
				President /Vice President	Professo r	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0
655			Orthopedic Surgery	1	1	2	4	2	0	0	0	0	10
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	1	0	0	0	1
657			Urology	0	0	0	0	0	0	0	0	0	0
658			Obstetrics and Gynecology	0	1	0	0	0	0	0	0	0	1
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0
661			Pediatric Surgery	0	0	0	1	0	0	0	0	0	1
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
			Surgery total	1	3	2	5	2	1	0	0	0	14
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	1	0	0	0	0	0	1
672			Functional Basic Dentistry	0	3	0	0	1	0	0	0	0	4
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	0	1	0	0	0	0	0	1
674			Conservative Dentistry	0	5	5	1	2	0	0	0	0	13
675			Prosthodontics and Dental Technology	0	2	2	0	1	0	0	0	0	5
676			Oral Surgery	1	3	1	0	0	0	0	0	0	5
677			Orthodontics, Pedodontics and Social Dentistry	0	4	4	2	3	0	0	0	0	13
678			Periodontological Dentistry	1	0	0	1	0	0	0	0	0	2
			Dentistry total	2	17	12	6	7	0	0	0	0	44
681			Chemical Pharmaceutics	0	0	0	0	0	1	0	0	0	1
682			Physical Pharmaceutics	0	1	0	0	0	0	0	0	0	1
683			Biopharmaceutics	1	0	2	0	0	0	0	0	0	3
684			Molecular Pharmaceutics	0	1	0	0	0	0	0	0	0	1
685			Environmental Pharmaceutics	0	0	1	0	0	0	0	0	0	1
			Pharmaceutics total	1	2	3	0	0	1	0	0	0	7
691			Medical Sociology	0	3	0	1	0	0	0	0	0	4
692			Human Genetics	0	0	0	1	0	0	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	2	0	0	0	0	0	0	2
694			Pathological Examination	0	3	9	6	6	0	0	0	0	24
696			Science of Basic and Local Nursing	0	26	26	49	14	0	0	0	1	116
697			Science of Clinical Nursing	1	26	22	46	24	1	0	0	0	120
			Medicine in General total	1	58	59	103	44	1	0	0	1	267
			MEDICINE Total	12	268	141	169	79	5	0	0	3	677
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	3	0	0	0	0	0	0	0	3
703			Physical Education	0	107	104	56	8	3	0	0	0	278
704			Human Geography	0	7	2	4	0	0	0	0	0	13
705			Physical Geography	0	2	2	0	1	0	0	0	0	5
			Geography total	0	9	4	4	1	0	0	0	0	18
706			Home Science(inclu. Cloth/Living Environments)	2	153	132	52	38	2	0	0	1	380
707			Food Culture	1	101	99	67	42	5	0	0	0	315
			Domestic Science total	3	254	231	119	80	7	0	0	1	695
708			Science of Cultural Property	1	0	0	0	0	0	0	0	0	1
711			Science Education	0	14	5	6	0	0	0	0	0	25
712	A R E A		Educational Engineering	0	23	23	21	3	0	0	0	1	71
713			Curriculum Studies	1	95	84	76	11	1	1	0	0	269
714			Japanese Language Education	0	2	8	3	0	1	0	0	0	14
			Science Education·Curriculum Education total	1	134	120	106	14	2	1	0	1	379
721			Statistics	1	3	2	0	1	0	0	0	0	7
731			Computer Science	0	14	26	14	4	0	0	0	1	59
732			Intelligent Informatics	0	10	10	8	1	0	0	0	0	29
733			Study of Information System (Inclu. Library and Information Science)	0	49	34	17	2	1	0	0	1	104
			Information Science total	0	73	70	39	7	1	0	0	2	192
741			Social System Engineering	0	7	1	4	0	1	0	0	0	13
751	I		Natural Disaster Science	0	0	1	0	0	0	0	0	0	1
761			Plasma Science and Technology	0	1	0	0	0	0	0	0	0	1
772			Nuclear Fusion	0	1	0	0	0	0	0	0	0	1

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0
655			Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	0	0	0	0	0
657			Urology	0	0	0	0	0	0	0	0	0	0
658			Obstetrics and Gynecology	0	0	0	0	0	0	0	0	0	0
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0	0	0
660			Ophthalmology	0	0	0	0	0	0	0	0	0	0
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
			Surgery total	0	0	0	0	0	0	0	0	0	0
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0
672			Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0
674			Conservative Dentistry	0	0	0	0	0	0	0	0	0	0
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0
676			Oral Surgery	0	0	0	0	0	0	0	0	0	0
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0
			Dentistry total	0	0	0	0	0	0	0	0	0	0
681			Chemical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
682			Physical Pharmaceutics	0	0	0	0	0	0	0	0	0	0
683			Biopharmaceutics	0	0	0	0	0	0	0	0	0	0
684			Molecular Pharmaceutics	0	0	0	0	0	0	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0	0	0
			Pharmaceutics total	0	0	0	0	0	0	0	0	0	0
691			Medical Sociology	0	0	0	0	0	0	0	0	0	0
692			Human Genetics	0	0	0	0	0	0	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694			Pathological Examination	0	0	0	0	0	0	0	0	0	0
696			Science of Basic and Local Nursing	0	0	0	0	0	0	0	0	0	0
697			Science of Clinical Nursing	0	0	0	0	0	0	0	0	0	0
			Medicine in General total	0	0	0	0	0	0	0	0	0	0
			MEDICINE Total	0	0	0	0	0	0	0	0	0	0
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	1	0	0	0	0	0	0	1
703			Physical Education	0	1	0	0	0	0	0	0	0	1
704			Human Geography	0	0	0	0	0	0	0	0	0	0
705			Physical Geography	0	0	0	0	0	0	0	0	0	0
			Geography total	0	0	0	0	0	0	0	0	0	0
706			Home Science (inclu. Cloth/Living Environments)	0	0	0	0	0	0	0	0	0	0
707			Food Culture	0	0	0	0	0	0	0	0	0	0
			Domestic Science total	0	0	0	0	0	0	0	0	0	0
708			Science of Cultural Property	0	0	0	0	0	0	0	0	0	0
711			Science Education	0	1	0	0	0	0	0	0	0	1
712	A		Educational Engineering	0	2	2	0	0	0	0	0	0	4
713			Curriculum Studies	0	1	1	1	0	0	0	0	0	3
714			Japanese Language Education	0	0	0	0	0	0	0	0	0	0
			Science Education · Curriculum Education total	0	4	3	1	0	0	0	0	0	8
721			Statistics	0	0	0	0	0	0	0	0	0	0
731			Computer Science	0	0	1	4	0	0	0	0	0	5
732			Intelligent Informatics	0	0	1	0	0	0	0	0	0	1
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	1	0	0	0	0	0	1
			Information Science total	0	0	2	5	0	0	0	0	0	7
741			Social System Engineering	0	0	0	0	0	0	0	0	0	0
751	I		Natural Disaster Science	0	0	0	0	0	0	0	0	0	0
761			Plasma Science and Technology	0	0	0	0	0	0	0	0	0	0
772			Nuclear Fusion	0	0	0	0	0	0	0	0	0	0

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
654	M		Neurosurgery	0	0	0	0	0	0	0	0	0	0
655			Orthopedic Surgery	0	0	0	0	0	1	0	0	0	1
656			Anesthesiology and Rescue Medicine	0	0	0	0	0	1	0	0	0	1
657			Urology	0	0	0	0	0	2	0	0	0	2
658			Obstetrics and Gynecology	0	0	0	0	0	1	0	0	0	1
659			Oto-rhino-laryngology	0	0	0	0	0	1	0	0	0	1
660			Ophthalmology	0	0	0	0	0	1	0	0	0	1
661			Pediatric Surgery	0	0	0	0	0	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0	0	0	0	0	0
			Surgery total	0	0	0	0	0	11	0	0	0	11
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	0	0	0	0	0	0
672			Functional Basic Dentistry	0	0	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	0	0	0	0	0	0
674			Conservative Dentistry	0	0	0	0	0	0	0	0	0	0
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0	0	0
676			Oral Surgery	0	0	0	0	0	1	0	0	0	1
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0	0	0
678			Periodontological Dentistry	0	0	0	0	0	0	0	0	0	0
			Dentistry total	0	0	0	0	0	1	0	0	0	1
681			Chemical Pharmaceutics	0	0	0	0	0	5	0	0	0	5
682			Physical Pharmaceutics	0	0	0	0	0	1	0	0	0	1
683			Biopharmaceutics	0	0	0	0	0	5	0	0	0	5
684			Molecular Pharmaceutics	0	0	0	0	0	2	0	0	0	2
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0	0	0
			Pharmaceutics total	0	0	0	0	0	13	0	0	0	13
691			Medical Sociology	0	0	0	0	0	3	0	0	0	3
692			Human Genetics	0	0	0	0	0	1	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0	0	0
694			Pathological Examination	0	0	0	0	0	2	0	0	0	2
696			Science of Basic and Local Nursing	0	0	0	0	0	0	0	0	0	0
697			Science of Clinical Nursing	0	0	0	0	0	0	0	0	0	0
			Medicine in General total	0	0	0	0	0	6	0	0	0	6
			MEDICINE Total	0	0	0	0	1	124	0	0	0	125
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	0	0	0	0	0
703			Physical Education	0	0	0	0	0	0	0	0	0	0
704			Human Geography	0	0	0	0	0	4	0	0	0	4
705			Physical Geography	0	0	0	0	0	0	0	0	0	0
			Geography total	0	0	0	0	0	4	0	0	0	4
706			Home Science (inclu. Cloth/Living Environments)	0	0	0	0	0	1	0	0	0	1
707			Food Culture	0	0	0	0	0	0	0	0	0	0
			Domestic Science total	0	0	0	0	0	1	0	0	0	1
708			Science of Cultural Property	0	0	0	0	0	0	0	0	0	0
711			Science Education	0	0	0	0	0	0	0	0	0	0
712	A		Educational Engineering	0	0	0	0	0	0	0	0	0	0
713			Curriculum Studies	0	0	0	0	0	0	0	0	0	0
714			Japanese Language Education	0	0	0	0	0	7	0	0	0	7
			Science Education · Curriculum Education total	0	0	0	0	0	7	0	0	0	7
721			Statistics	0	0	0	0	0	0	0	0	0	0
731			Computer Science	0	0	0	0	0	0	0	0	0	0
732			Intelligent Informatics	0	0	0	0	0	0	0	0	0	0
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	0	0	5	0	0	0	5
			Information Science total	0	0	0	0	0	5	0	0	0	5
741			Social System Engineering	0	0	0	0	0	1	0	0	0	1
751	I		Natural Disaster Science	0	0	0	0	0	2	0	0	0	2
761			Plasma Science and Technology	0	0	0	0	0	2	0	0	0	2
772			Nuclear Fusion	0	0	0	0	0	1	0	0	0	1

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Total									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
654	M		Neurosurgery	1	33	32	47	77	2	12	0	0	204
655			Orthopedic Surgery	2	59	54	70	90	8	24	0	0	307
656			Anesthesiology and Rescue Medicine	2	32	41	48	63	6	6	0	0	198
657			Urology	0	28	29	35	49	3	9	1	0	154
658			Obstetrics and Gynecology	0	42	30	59	67	5	9	0	0	212
659			Oto-rhino-laryngology	2	38	17	46	77	8	8	0	1	197
660			Ophthalmology	0	27	27	35	78	4	9	1	1	182
661			Pediatric Surgery	0	8	9	12	5	0	0	0	0	34
662			Formative Surgery	0	8	11	16	36	2	3	0	0	76
				Surgery total	8	397	349	537	826	62	95	2	4
671	E		Oral Anatomy and Morphological Basic Dentistry	0	25	38	48	52	3	38	0	0	204
672			Functional Basic Dentistry	0	29	24	30	37	7	20	0	2	149
673			Morbid Dentistry (inclu. Dental Radiology)	1	18	23	34	50	5	12	0	0	143
674			Conservative Dentistry	0	33	33	62	112	11	62	0	1	314
675			Prosthodontics and Dental Technology	0	43	45	72	137	21	80	0	2	400
676			Oral Surgery	1	49	41	89	148	10	65	0	0	403
677			Orthodontics, Pedodontics and Social Dentistry	1	47	36	80	128	23	75	0	2	392
678			Periodontological Dentistry	1	3	4	14	37	2	39	0	0	100
				Dentistry total	4	247	244	429	701	82	391	0	7
681			Chemical Pharmaceutics	4	95	72	48	114	11	17	0	0	361
682			Physical Pharmaceutics	2	51	22	26	48	2	5	0	0	156
683			Biopharmaceutics	2	104	76	56	123	7	15	0	0	383
684			Molecular Pharmaceutics	0	21	18	11	18	5	6	0	0	79
685			Environmental Pharmaceutics	0	23	5	6	12	0	4	0	0	50
		Pharmaceutics total	8	294	193	147	315	25	47	0	0	1,029	
691			Medical Sociology	2	35	23	16	14	5	3	0	0	98
692			Human Genetics	0	3	2	6	9	1	0	0	0	21
693			Applied Pharmacology and Medical Pharmacology	0	35	27	21	30	1	1	0	1	116
694			Pathological Examination	0	24	18	22	29	3	1	0	0	97
696			Science of Basic and Local Nursing	1	76	52	98	50	0	1	0	1	279
697			Science of Clinical Nursing	1	61	68	114	96	1	4	0	2	347
				Medicine in General total	4	234	190	277	228	11	10	0	4
		MEDICINE Total	49	2,400	1,744	2,445	3,359	378	774	5	32	11,186	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	3	51	14	4	0	1	0	0	0	73
703			Physical Education	2	624	407	169	50	15	9	1	0	1,277
704			Human Geography	1	99	29	13	5	8	4	0	2	161
705			Physical Geography	0	36	10	4	2	2	2	0	0	56
			Geography total	1	135	39	17	7	10	6	0	2	217
706			Home Science(inclu. Cloth/Living Environments)	3	270	196	85	70	4	13	0	1	642
707			Food Culture	1	162	148	101	86	6	3	0	0	507
			Domestic Science total	4	432	344	186	156	10	16	0	1	1,149
708			Science of Cultural Property	1	2	4	2	1	1	1	0	0	12
711			Science Education	2	55	24	13	4	2	0	0	1	101
712	A R E A		Educational Engineering	1	99	77	57	19	3	2	0	1	259
713			Curriculum Studies	2	237	202	149	23	5	6	0	1	625
714			Japanese Language Education	0	46	32	31	1	10	4	0	1	125
			Science Education·Curriculum Education total	5	437	335	250	47	20	12	0	4	1,110
721			Statistics	1	46	20	10	5	2	6	0	0	90
731			Computer Science	1	168	140	76	38	5	11	0	2	441
732			Intelligent Informatics	2	107	72	54	25	2	12	1	0	275
733			Study of Information System (Inclu. Library and Information Science)	2	237	118	59	15	12	8	0	2	453
		Information Science total	5	512	330	189	78	19	31	1	4	1,169	
741	I		Social System Engineering	1	116	44	34	20	5	14	1	0	235
751			Natural Disaster Science	0	5	7	0	0	2	1	0	0	15
761			Plasma Science and Technology	1	20	7	5	3	4	0	0	0	40
772			Nuclear Fusion	0	6	2	2	0	1	1	0	0	12

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Universities									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	Nuclear Energy		Energy Science General	2	16	4	2	1	0	1	0	0	26
774			Nuclear Power Science	0	18	2	3	2	1	1	0	0	27
			Energy total	2	39	8	7	3	1	3	0	0	63
801	Environmental Science		Environmental Dynamic Analysis	1	32	8	5	4	1	0	1	0	52
802			Environmental Influence Assessment (inclu. Radiobiology)	0	27	11	10	11	0	0	0	0	59
803			Environmental Preservation	1	69	27	14	5	1	8	0	2	127
			Environmental Science total	2	128	46	29	20	2	8	1	2	238
811	Biological Chemistry		Biological Organic Chemistry	0	23	10	9	10	0	4	0	1	57
812			Structured Biochemistry	0	26	11	5	13	2	3	0	1	61
813			Functional Biochemistry	0	34	18	15	18	1	0	1	0	87
			Biological Chemistry total	0	83	39	29	41	3	7	1	2	205
821	Basic Biology		Biophysics	0	33	7	11	8	1	0	0	0	60
822			Molecular Biology	0	35	32	30	41	4	8	1	0	151
823			Cell Biology	0	33	14	29	27	1	10	0	0	114
824			Developmental Biology	0	11	10	7	10	0	3	2	0	43
			Basic Biology total	0	112	63	77	86	6	21	3	0	368
831	Neuroscience		Neuroanatomy and Neuropathology	0	11	10	16	14	0	1	0	1	53
832			Neurochemistry and Neuropharmacology	0	17	11	17	15	2	5	0	1	68
833			Neuro Science in General	1	31	14	14	15	1	4	0	0	80
834			Neuro and Muscular Physiology	0	22	9	28	20	1	4	1	0	85
			Neuro Science (inclu. Brain Science) total	1	81	44	75	64	4	14	1	2	286
841			Laboratory Animal Science	0	6	6	8	5	0	0	0	0	25
851			Medical Organism Engineering and Material Science of Organism	0	59	36	29	27	5	11	1	1	169
			INTERDISCIPLINARY AREA Total	23	2,292	1,254	786	502	74	159	10	14	5,114
999			WIDE AREA Total	8	617	263	126	60	17	34	1	12	1,138
			Item n.a. Total	82	6,560	3,729	3,133	3,086	366	1,836	34	7,890	26,716
			Grand Total	305	26,507	12,678	9,057	7,821	1,178	3,950	70	8,033	69,599

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Junior Colleges									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	1	0	0	0	0	0	0	0	1
774			Nuclear Power Science	0	0	0	0	1	0	0	0	0	1
	E		Energy total	0	2	0	0	1	0	0	0	0	3
801	R	D	Environmental Dynamic Analysis	0	3	0	1	0	0	0	0	0	4
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	2	0	0	0	0	0	0	3
803	S	C	Environmental Preservation	0	9	2	2	2	0	0	0	0	15
			Environmental Science total	0	13	4	3	2	0	0	0	0	22
811	I	P	Biological Organic Chemistry	0	2	0	0	0	0	0	0	0	2
812			Structured Biochemistry	0	3	0	0	0	0	0	0	0	3
813	L	I	Functional Biochemistry	0	4	5	1	1	0	0	0	0	11
			Biological Chemistry total	0	9	5	1	1	0	0	0	0	16
821	N	A	Biophysics	0	1	0	0	0	0	0	0	0	1
822			Molecular Biology	1	3	1	3	0	0	0	0	0	8
823	R	Y	Cell Biology	0	3	0	0	0	0	0	0	0	3
824			Developmental Biology	0	0	1	0	0	0	0	0	0	1
			Basic Biology total	1	7	2	3	0	0	0	0	0	13
831	A	R	Neuroanatomy and Neuropathology	0	1	0	0	0	0	0	0	0	1
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833	E	A	Neuro Science in General	0	3	2	0	0	0	0	0	0	5
834			Neuro and Muscular Physiology	0	5	2	1	1	1	0	0	0	10
			Neuro Science (inclu. Brain Science) total	0	9	4	1	1	1	0	0	0	16
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	6	3	2	2	0	0	0	0	13
	INTERDISCIPLINARY AREA Total			7	637	551	338	118	15	1	0	4	1,671
999	WIDE AREA Total			2	157	112	82	24	9	1	0	0	387
	Item n.a. Total			67	1,074	768	821	265	36	0	0	522	3,553
	Grand Total			156	4,110	2,864	2,175	564	118	2	1	537	10,527

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Colleges of Technology									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	N	T	Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
	E		Energy total	0	0	0	0	0	0	0	0	0	0
801	R	D	Environmental Dynamic Analysis	0	0	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	2	0	0	0	0	0	0	2
803			Environmental Preservation	0	0	0	0	0	0	0	0	0	0
	C		Environmental Science total	0	0	2	0	0	0	0	0	0	2
811	I	P	Biological Organic Chemistry	0	0	0	0	0	0	0	0	0	0
812			Structured Biochemistry	0	0	0	0	0	0	0	0	0	0
813			Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	0	0	0	0	0
821	N	A	Biophysics	0	0	0	0	0	0	0	0	0	0
822			Molecular Biology	0	0	0	0	0	0	0	0	0	0
823			Cell Biology	0	0	0	0	0	0	0	0	0	0
824			Developmental Biology	0	0	0	0	0	0	0	0	0	0
			Basic Biology total	0	0	0	0	0	0	0	0	0	0
831	A	R	Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	0	0	0	0	0
833			Neuro Science in General	0	0	0	0	0	0	0	0	0	0
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	0	0	0	0	0	0	0	0
841			Laboratory Animal Science	0	0	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	0	0	0	0	0	0
	INTERDISCIPLINARY AREA Total			0	5	8	6	0	0	0	0	0	19
999	WIDE AREA Total			0	4	1	0	1	0	0	0	0	6
	Item n.a. Total			0	24	21	15	3	0	0	0	2	65
	Grand Total			1	61	45	39	8	0	0	0	2	156

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes									Total
				President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	
773	Nuclear Energy		Energy Science General	0	0	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0	0	0
			Energy total	0	0	0	0	0	1	0	0	0	1
801	Environmental Science		Environmental Dynamic Analysis	0	0	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	0	4	0	0	0	4
803			Environmental Preservation	0	0	0	0	0	2	0	0	0	2
			Environmental Science total	0	0	0	0	0	6	0	0	0	6
811	Biological Chemistry		Biological Organic Chemistry	0	0	0	0	0	5	0	0	0	5
812			Structured Biochemistry	0	0	0	0	0	2	0	0	0	2
813			Functional Biochemistry	0	0	0	0	0	0	0	0	0	0
			Biological Chemistry total	0	0	0	0	0	7	0	0	0	7
821	Basic Biology		Biophysics	0	0	0	0	0	1	0	0	0	1
822			Molecular Biology	0	0	0	0	0	6	0	1	0	7
823			Cell Biology	0	0	0	0	0	9	0	2	0	11
824			Developmental Biology	0	0	0	0	0	1	0	0	0	1
			Basic Biology total	0	0	0	0	0	17	0	3	0	20
831	Neuroscience		Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	0	0	0	0	0	1	0	1	0	2
833			Neuro Science in General	0	0	0	0	0	1	0	0	0	1
834			Neuro and Muscular Physiology	0	0	0	0	0	0	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	0	0	0	2	0	1	0	3
841			Laboratory Animal Science	0	0	0	0	0	20	0	0	0	20
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	0	0	0	0	0	0
	INTERDISCIPLINARY AREA Total			0	0	0	0	0	75	0	4	0	79
999	WIDE AREA Total			0	0	0	0	0	17	0	0	0	17
	Item n.a. Total			0	0	0	2	0	300	0	3	142	447
	Grand Total			0	8	3	3	2	744	0	9	143	912

Table 4. Number of Researchers by Field of Specialization / by Institution Type / by Professional Title (Private Institutions)

Code	Subject	Subdivision	Item	Total									
				President /Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	2	17	4	2	1	0	1	0	0	27
774			Nuclear Power Science	0	18	2	3	3	1	1	0	0	28
			Energy total	2	41	8	7	4	2	3	0	0	67
801			Environmental Dynamic Analysis	1	35	8	6	4	1	0	1	0	56
802			Environmental Influence Assessment (inclu. Radiobiology)	0	28	15	10	11	4	0	0	0	68
803			Environmental Preservation	1	78	29	16	7	3	8	0	2	144
			Environmental Science total	2	141	52	32	22	8	8	1	2	268
811			Biological Organic Chemistry	0	25	10	9	10	5	4	0	1	64
812			Structured Biochemistry	0	29	11	5	13	4	3	0	1	66
813			Functional Biochemistry	0	38	23	16	19	1	0	1	0	98
			Biological Chemistry total	0	92	44	30	42	10	7	1	2	228
821			Biophysics	0	34	7	11	8	2	0	0	0	62
822			Molecular Biology	1	38	33	33	41	10	8	2	0	166
823			Cell Biology	0	36	14	29	27	10	10	2	0	128
824			Developmental Biology	0	11	11	7	10	1	3	2	0	45
			Basic Biology total	1	119	65	80	86	23	21	6	0	401
831		Neuroanatomy and Neuropathology	0	12	10	16	14	0	1	0	1	54	
832		Neurochemistry and Neuropharmacology	0	17	11	17	15	3	5	1	1	70	
833		Neuro Science in General	1	34	16	14	15	2	4	0	0	86	
834		Neuro and Muscular Physiology	0	27	11	29	21	2	4	1	0	95	
		Neuro Science (inclu. Brain Science) total	1	90	48	76	65	7	14	2	2	305	
841		Laboratory Animal Science	0	6	6	8	5	20	0	0	0	45	
851		Medical Organism Engineering and Material Science of Organism	0	65	39	31	29	5	11	1	1	182	
	INTERDISCIPLINARY AREA Total			30	2,934	1,813	1,130	620	164	160	14	18	6,883
999	WIDE AREA Total			10	778	376	208	85	43	35	1	12	1,548
	Item n.a. Total			149	7,658	4,518	3,971	3,354	702	1,836	37	8,556	30,781
	Grand Total			462	30,686	15,590	11,274	8,395	2,040	3,952	80	8,715	81,194

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	21-30 years old				31-40 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
211	A R T S · H U M A N I T I E S		Philosophy	28	5	0	33	51	5	0	56
212			Chinese Philosophy	6	1	0	7	24	4	0	28
213			Indian Philosophy (inclu. Buddhist Studies)	22	3	0	25	37	5	0	42
214			Religion	10	3	0	13	38	9	0	47
215			Ethics	6	6	0	12	11	4	1	16
216			History of Philosophy	11	5	0	16	35	9	0	44
217			Aesthetics (inclu. Arts)	29	34	0	63	161	63	0	224
218			Art History	8	16	0	24	30	31	0	61
			Philosophy total	120	73	0	193	387	130	1	518
221			Experimental Psychology	37	24	0	61	95	30	1	126
222			Educational and Social	79	100	2	181	235	177	1	413
223			Sociology	68	57	1	126	262	174	0	436
224			Education	47	43	0	90	232	143	1	376
225			Cultural Anthropology (inclu. Ethnology and Folklore)	9	15	0	24	69	44	1	114
			Psychology·Sociology·Education Cultural Anthropology total	240	239	3	482	893	568	4	1,465
231			Japanese History	42	10	0	52	74	22	0	96
232			Oriental History	19	3	2	24	54	18	0	72
233			European History	26	13	0	39	65	52	0	117
234			Archaeology (inclu. Prehistory)	14	6	1	21	32	8	0	40
			History total	101	32	3	136	225	100	0	325
241			Japanese Language	6	12	0	18	51	33	0	84
242			Japanese Literature	28	49	0	77	90	84	0	174
243			Chinese Language and Literature	11	14	0	25	48	29	0	77
244			English Language and Literature	19	39	0	58	230	170	0	400
245			French Language and Literature	5	8	0	13	21	14	0	35
246			German Language and Literature	6	12	0	18	33	16	0	49
247			Other Foreign Languages and Literatures	5	8	0	13	41	24	0	65
248			Linguistics and Phonetics	23	23	0	46	161	124	3	288
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	5	16	0	21	32	31	0	63
			Literature total	108	181	0	289	707	525	3	1,235
			ARTS·HUMANITIES Total	569	525	6	1,100	2,212	1,323	8	3,543
261	L A W		Basic Science of Law	5	4	0	9	43	14	0	57
262			Public Law	22	3	0	25	50	19	0	69
263			International Law	8	2	0	10	26	13	0	39
264			Civil Law	32	11	0	43	121	38	0	159
265			Social Law	5	3	0	8	17	11	0	28
266			Criminal Law	9	2	0	11	26	6	0	32
267			Politics	50	20	0	70	183	51	1	235
			LAW Total	131	45	0	176	466	152	1	619
271	E C O N O M I C S		General Theory of Economics	54	17	0	71	199	25	1	225
272			Economical Statistics	15	0	0	15	38	8	0	46
273			Economic Policy (inclu. Economic Condition)	30	10	0	40	153	37	0	190
274			Economic History	12	6	0	18	60	10	0	70
275			Public Finance, Money and Banking	15	3	0	18	76	12	0	88
276			Commercial Science	12	2	0	14	68	22	1	91
277			Business Administration	38	11	0	49	171	31	0	202
278			Accounting	24	7	0	31	111	15	0	126
			ECONOMICS Total	200	56	0	256	876	160	2	1,038
301	S C I E N C E		Algebra	39	5	0	44	94	2	1	97
302			Geometry	28	2	0	30	76	6	0	82
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	31	5	0	36	130	7	2	139
305			Basic Analysis	23	0	0	23	67	7	0	74
306			Larger-area Analysis	19	5	0	24	47	6	0	53
			Mathematics total	140	17	0	157	414	28	3	445
311			Astronomy	26	3	0	29	44	6	0	50
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	92	14	0	106	160	5	0	165

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subject	Subdivision	Item	41-50 years old				51-60 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
211	ARTS • HUMANITIES		Philosophy	131	12	0	143	234	16	1	251
212			Chinese Philosophy	43	1	0	44	55	3	0	58
213			Indian Philosophy (inclu. Buddhist Studies)	82	3	0	85	108	2	0	110
214			Religion	78	16	0	94	104	14	0	118
215			Ethics	46	4	0	50	59	4	0	63
216			History of Philosophy	61	15	0	76	98	8	0	106
217			Aesthetics (inclu. Arts)	393	177	1	571	528	241	0	769
218			Art History	80	37	0	117	90	24	0	114
			Philosophy total	914	265	1	1,180	1,276	312	1	1,589
221			Experimental Psychology	129	19	0	148	146	31	0	177
222			Educational and Social	363	207	0	570	386	162	0	548
223			Sociology	359	177	0	536	489	180	0	669
224			Education	409	183	0	592	517	173	1	691
225			Cultural Anthropology (inclu. Ethnology and Folklore)	137	59	0	196	125	36	0	161
			Psychology • Sociology • Education Cultural Anthropology total	1,397	645	0	2,042	1,663	582	1	2,246
231			Japanese History	171	26	1	198	211	26	0	237
232			Oriental History	94	18	0	112	132	15	0	147
233			European History	114	31	0	145	139	30	0	169
234			Archaeology (inclu. Prehistory)	56	10	0	66	65	3	0	68
			History total	435	85	1	521	547	74	0	621
241			Japanese Language	98	37	0	135	79	21	0	100
242			Japanese Literature	253	106	0	359	316	75	1	392
243			Chinese Language and Literature	122	34	0	156	111	27	0	138
244			English Language and Literature	513	265	1	779	715	322	1	1,038
245			French Language and Literature	84	35	0	119	153	50	0	203
246			German Language and Literature	125	22	0	147	246	31	0	277
247			Other Foreign Languages and Literatures	90	32	0	122	111	28	0	139
248			Linguistics and Phonetics	282	135	0	417	235	86	1	322
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	56	39	0	95	70	37	0	107
			Literature total	1,623	705	1	2,329	2,036	677	3	2,716
			ARTS • HUMANITIES Total	4,369	1,700	3	6,072	5,522	1,645	5	7,172
261	LAW		Basic Science of Law	69	7	1	77	102	6	0	108
262			Public Law	113	10	0	123	132	8	0	140
263			International Law	62	5	0	67	47	0	0	47
264			Civil Law	160	20	0	180	176	20	0	196
265			Social Law	46	7	0	53	54	7	0	61
266			Criminal Law	49	6	0	55	64	4	0	68
267			Politics	238	41	0	279	239	14	0	253
			LAW Total	737	96	1	834	814	59	0	873
271	ECONOMICS		General Theory of Economics	241	15	1	257	342	5	0	347
272			Economical Statistics	54	4	0	58	58	2	0	60
273			Economic Policy (inclu. Economic Condition)	209	30	0	239	405	18	1	424
274			Economic History	91	12	0	103	161	8	1	170
275			Public Finance, Money and Banking	108	7	0	115	161	3	0	164
276			Commercial Science	86	7	0	93	144	9	0	153
277			Business Administration	254	45	0	299	360	20	0	380
278			Accounting	144	13	0	157	184	4	0	188
			ECONOMICS Total	1,187	133	1	1,321	1,815	69	2	1,886
301	SCIENCE		Algebra	120	1	0	121	152	5	0	157
302			Geometry	97	3	0	100	150	7	0	157
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	139	6	0	145	193	14	0	207
305			Basic Analysis	95	4	0	99	166	4	0	170
306			Larger-area Analysis	46	1	0	47	47	2	0	49
			Mathematics total	497	15	0	512	708	32	0	740
311			Astronomy	51	0	0	51	73	3	0	76
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	176	5	1	182	240	0	0	240

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subject	Subdivision	Item	61-70 years old				71 or more			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
211	ARTS • HUMANITIES		Philosophy	131	6	0	137	9	3	0	12
212			Chinese Philosophy	28	2	0	30	4	0	0	4
213			Indian Philosophy (inclu. Buddhist Studies)	74	0	0	74	12	0	0	12
214			Religion	63	8	0	71	10	0	0	10
215			Ethics	29	8	0	37	2	1	0	3
216			History of Philosophy	35	3	0	38	3	0	0	3
217			Aesthetics (inclu. Arts)	354	98	0	452	16	2	0	18
218			Art History	53	6	0	59	7	0	0	7
			Philosophy total	767	131	0	898	63	6	0	69
221			Experimental Psychology	68	14	0	82	12	0	0	12
222			Educational and Social	244	84	0	328	49	0	0	49
223			Sociology	319	84	1	404	48	7	0	55
224			Education	349	91	0	440	46	8	0	54
225			Cultural Anthropology (inclu. Ethnology and Folklore)	63	18	0	81	7	2	0	9
			Psychology • Sociology • Education Cultural Anthropology total	1,043	291	1	1,335	162	17	0	179
231			Japanese History	143	8	0	151	16	1	0	17
232			Oriental History	66	4	0	70	8	0	0	8
233			European History	85	12	0	97	11	0	0	11
234			Archaeology (inclu. Prehistory)	34	2	0	36	3	0	0	3
			History total	328	26	0	354	38	1	0	39
241			Japanese Language	73	19	0	92	12	2	0	14
242			Japanese Literature	221	29	0	250	26	2	0	28
243			Chinese Language and Literature	55	9	0	64	5	0	0	5
244			English Language and Literature	591	167	1	759	64	2	0	66
245			French Language and Literature	86	17	0	103	3	0	0	3
246			German Language and Literature	139	16	0	155	2	0	0	2
247			Other Foreign Languages and Literatures	65	14	0	79	7	0	0	7
248			Linguistics and Phonetics	123	40	0	163	10	3	0	13
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	50	16	0	66	2	1	0	3
			Literature total	1,403	327	1	1,731	131	10	0	141
			ARTS • HUMANITIES Total	3,541	775	2	4,318	394	34	0	428
261	LAW		Basic Science of Law	38	1	0	39	8	0	0	8
262			Public Law	79	0	1	80	10	0	0	10
263			International Law	49	3	0	52	11	0	0	11
264			Civil Law	127	9	0	136	27	0	0	27
265			Social Law	22	2	0	24	9	0	0	9
266			Criminal Law	36	3	0	39	5	0	0	5
267			Politics	162	7	0	169	10	1	0	11
			LAW Total	513	25	1	539	80	1	0	81
271	ECONOMICS		General Theory of Economics	147	2	0	149	22	1	0	23
272			Economical Statistics	27	1	0	28	1	1	0	2
273			Economic Policy (inclu. Economic Condition)	244	11	1	256	31	1	0	32
274			Economic History	58	4	0	62	8	0	0	8
275			Public Finance, Money and Banking	109	1	0	110	21	0	0	21
276			Commercial Science	104	1	0	105	13	0	0	13
277			Business Administration	277	8	1	286	43	1	0	44
278			Accounting	146	4	0	150	16	0	0	16
			ECONOMICS Total	1,112	32	2	1,146	155	4	0	159
301	SCIENCE		Algebra	62	1	0	63	4	0	0	4
302			Geometry	43	0	0	43	4	0	0	4
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	82	8	0	90	5	0	0	5
305			Basic Analysis	56	4	0	60	0	0	0	0
306			Larger-area Analysis	15	2	0	17	0	0	0	0
			Mathematics total	258	15	0	273	13	0	0	13
311			Astronomy	22	0	0	22	2	0	0	2
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	119	6	0	125	5	0	0	5

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total				
				Male	Female	Unknown	Total	Male	Female	Unknown	Total	
211	A R T S · H U M A N I T I E S		Philosophy	4	2	0	6	588	49	1	638	
212			Chinese Philosophy	0	0	2	2	160	11	2	173	
213			Indian Philosophy (inclu. Buddhist Studies)	0	1	0	1	335	14	0	349	
214			Religion	0	2	1	3	303	52	1	356	
215			Ethics	0	0	0	0	153	27	1	181	
216			History of Philosophy	2	1	0	3	245	41	0	286	
217			Aesthetics (inclu. Arts)	1	6	2	9	1,482	621	3	2,106	
218			Art History	0	3	2	5	268	117	2	387	
		Philosophy total	7	15	7	29	3,534	932	10	4,476		
221				Experimental Psychology	5	0	3	8	492	118	4	614
222				Educational and Social	11	11	11	33	1,367	741	14	2,122
223				Sociology	7	7	9	23	1,552	686	11	2,249
224				Education	3	9	3	15	1,603	650	5	2,258
225				Cultural Anthropology (inclu. Ethnology and Folklore)	3	2	1	6	413	176	2	591
		Psychology·Sociology·Education Cultural Anthropology total			29	29	27	85	5,427	2,371	36	7,834
231				Japanese History	4	1	1	6	661	94	2	757
232				Oriental History	0	0	2	2	373	58	4	435
233				European History	2	1	2	5	442	139	2	583
234				Archaeology (inclu. Prehistory)	2	0	0	2	206	29	1	236
		History total			8	2	5	15	1,682	320	9	2,011
241				Japanese Language	2	1	0	3	321	125	0	446
242				Japanese Literature	1	4	5	10	935	349	6	1,290
243				Chinese Language and Literature	1	0	2	3	353	113	2	468
244				English Language and Literature	6	15	3	24	2,138	980	6	3,124
245				French Language and Literature	1	0	0	1	353	124	0	477
246				German Language and Literature	3	0	2	5	554	97	2	653
247				Other Foreign Languages and Literatures	1	2	0	3	320	108	0	428
248				Linguistics and Phonetics	4	8	3	15	838	419	7	1,264
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	3	2	1	6	218	142	1	361
		Literature total			22	32	16	70	6,030	2,457	24	8,511
	ARTS·HUMANITIES Total			66	78	55	199	16,673	6,080	79	22,832	
261	L A W		Basic Science of Law	4	0	1	5	269	32	2	303	
262			Public Law	4	0	2	6	410	40	3	453	
263			International Law	1	0	0	1	204	23	0	227	
264			Civil Law	2	0	3	5	645	98	3	746	
265			Social Law	1	1	0	2	154	31	0	185	
266			Criminal Law	0	1	0	1	189	22	0	211	
267			Politics	4	2	3	9	886	136	4	1,026	
	LAW Total			16	4	9	29	2,757	382	12	3,151	
271	E C O N O M I C S		General Theory of Economics	2	2	5	9	1,007	67	7	1,081	
272			Economical Statistics	0	1	3	4	193	17	3	213	
273			Economic Policy (inclu. Economic Condition)	3	2	1	6	1,075	109	3	1,187	
274			Economic History	1	0	0	1	391	40	1	432	
275			Public Finance, Money and Banking	2	0	1	3	492	26	1	519	
276			Commercial Science	3	1	0	4	430	42	1	473	
277			Business Administration	3	2	5	10	1,146	118	6	1,270	
278			Accounting	0	0	1	1	625	43	1	669	
	ECONOMICS Total			14	8	16	38	5,359	462	23	5,844	
301	S C I E N C E		Algebra	4	1	1	6	475	15	2	492	
302			Geometry	6	0	0	6	404	18	0	422	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	6	2	0	8	586	42	2	630	
305			Basic Analysis	5	0	0	5	412	19	0	431	
306			Larger-area Analysis	2	0	0	2	176	16	0	192	
		Mathematics total			23	3	1	27	2,053	110	4	2,167
311		Astronomy	2	0	0	2	220	12	0	232		
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	6	0	0	6	798	30	1	829	

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	21-30 years old				31-40 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	32	2	0	34	97	3	0	100
323			Solid-State Physics II (Magnetism, Metal Physics,	51	4	0	55	107	2	0	109
324			Physical Properties in General (inclu. Basic Theories)	33	2	0	35	70	3	0	73
325			Physics in General	27	2	0	29	77	3	0	80
			Physics total	235	24	0	259	511	16	0	527
331			Physics of Solid Earth	32	8	0	40	62	6	0	68
332			Meteorology, Oceanography and Hydrology	32	8	0	40	62	4	0	66
333			Aeronomy	17	3	0	20	17	1	0	18
334			Geology	16	1	0	17	34	4	0	38
335			Stratigraphy and Paleontology	11	7	0	18	12	2	0	14
336			Mineralogy, Petrology and Study of Mineral Deposit	16	4	0	20	42	2	0	44
337			Geochemistry	21	5	0	26	39	2	0	41
			Earth Science total	145	36	0	181	268	21	0	289
341			Physical Chemistry	82	10	0	92	147	16	0	163
342			Organic Chemistry	61	7	0	68	118	11	2	131
343			Inorganic Chemistry	38	11	0	49	82	8	0	90
344			Function, Properties and Materials in Chemistry	33	6	0	39	86	4	0	90
345			Substance Transformation	3	0	0	3	11	2	0	13
346			Separation, Refining and Identification	19	3	0	22	36	6	0	42
			Chemistry total	236	37	0	273	480	47	2	529
351			Genetics	47	14	1	62	61	11	1	73
352			Ecology	48	29	0	77	100	15	1	116
353			Plant Physiology	40	18	0	58	70	13	0	83
354			Morphology, Structure of Organism	30	5	0	35	26	3	0	29
355			Animal Physiology and	31	6	2	39	22	4	0	26
356			Morphology and Taxonomy	17	7	0	24	40	6	0	46
			Biology total	213	79	3	295	319	52	2	373
361			Physical Anthropology (inclu. Physiological Anthropology)	8	6	0	14	19	5	0	24
	SCIENCE Total			1,003	202	3	1,208	2,055	175	7	2,237
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	29	4	0	33	67	3	0	70
402			Surface Physics	26	2	0	28	37	3	0	40
403			Applied Optics and Quantum Optics	40	1	0	41	64	3	0	67
404			General Applied Physics	14	1	0	15	32	1	0	33
405			Fundamentals of Engineering	12	2	0	14	37	2	0	39
			Applied Physics-Fundamentals of Engineering total	121	10	0	131	237	12	0	249
411			Materials for Machines and Strength of Materials	33	3	0	36	118	4	0	122
412			Workshop Processes and Production Engineering	24	1	0	25	77	1	0	78
413			Design Engineering, Machine Elements and Tribology	15	2	0	17	52	2	0	54
414			Fluid Mechanics	43	4	0	47	126	2	1	129
415			Heat Engineering	33	1	1	35	95	1	0	96
416			Mechanics and Control Engineering	34	1	0	35	100	2	0	102
417			Intelligent Mechanics and Machine System	61	4	0	65	143	7	0	150
			Machine Engineering total	243	16	1	260	711	19	1	731
421			Electric Power Engineering and Electric Machinery	48	1	1	50	91	2	0	93
422			Electronic and Electric Materials Engineering	57	7	0	64	116	6	0	122
423			Electron Devices and Apparatus Engineering	58	0	0	58	123	3	0	126
424			Information and Communication Engineering	139	9	2	150	288	16	2	306

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	41-50 years old				51-60 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	93	1	0	94	125	3	1	129
323			Solid-State Physics II (Magnetism, Metal Physics,	82	1	0	83	138	6	0	144
324			Physical Properties in General (inclu. Basic Theories)	73	3	0	76	111	0	0	111
325			Physics in General	88	6	0	94	94	6	0	100
			Physics total	512	16	1	529	708	15	1	724
331			Physics of Solid Earth	48	0	0	48	58	2	0	60
332			Meteorology, Oceanography and Hydrology	58	4	0	62	99	2	0	101
333			Aeronomy	11	1	0	12	22	1	0	23
334			Geology	37	0	0	37	60	0	0	60
335			Stratigraphy and Paleontology	29	1	0	30	21	1	0	22
336			Mineralogy, Petrology and Study of Mineral Deposit	46	0	0	46	64	1	0	65
337			Geochemistry	29	2	0	31	38	1	0	39
			Earth Science total	258	8	0	266	362	8	0	370
341			Physical Chemistry	127	10	0	137	168	4	0	172
342			Organic Chemistry	106	3	0	109	139	18	0	157
343			Inorganic Chemistry	56	3	0	59	92	6	0	98
344			Function, Properties and Materials in Chemistry	50	3	0	53	65	7	0	72
345			Substance Transformation	9	1	1	11	9	0	0	9
346			Separation, Refining and Identification	36	9	0	45	68	11	0	79
			Chemistry total	384	29	1	414	541	46	0	587
351			Genetics	53	6	0	59	50	6	0	56
352			Ecology	97	7	0	104	122	8	0	130
353			Plant Physiology	54	7	0	61	57	8	0	65
354			Morphology, Structure of Organism	24	2	0	26	51	6	0	57
355			Animal Physiology and	40	6	0	46	48	12	0	60
356			Morphology and Taxonomy	55	4	0	59	78	2	0	80
			Biology total	323	32	0	355	406	42	0	448
361			Physical Anthropology (inclu. Physiological Anthropology)	27	4	0	31	22	6	0	28
	SCIENCE Total			2,052	104	2	2,158	2,820	152	1	2,973
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	50	3	0	53	73	0	1	74
402			Surface Physics	36	1	1	38	41	2	0	43
403			Applied Optics and Quantum Optics	52	0	0	52	85	0	0	85
404			General Applied Physics	41	1	0	42	61	0	0	61
405			Fundamentals of Engineering	32	2	0	34	23	0	0	23
			Applied Physics-Fundamentals of Engineering total	211	7	1	219	283	2	1	286
411			Materials for Machines and Strength of Materials	96	0	0	96	168	2	0	170
412			Workshop Processes and Production Engineering	64	0	0	64	159	0	0	159
413			Design Engineering, Machine Elements and Tribology	52	1	0	53	108	0	0	108
414			Fluid Mechanics	92	1	1	94	164	2	0	166
415			Heat Engineering	105	1	0	106	166	2	0	168
416			Mechanics and Control Engineering	83	1	0	84	94	1	0	95
417			Intelligent Mechanics and Machine System	79	3	0	82	106	0	1	107
			Machine Engineering total	571	7	1	579	965	7	1	973
421			Electric Power Engineering and Electric Machinery	82	0	0	82	184	0	0	184
422			Electronic and Electric Materials Engineering	91	2	0	93	143	2	0	145
423			Electron Devices and Apparatus Engineering	103	1	0	104	161	1	0	162
424			Information and Communication Engineering	191	5	0	196	335	2	1	338

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	61-70 years old				71 or more			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	56	1	0	57	3	0	0	3
323			Solid-State Physics II (Magnetism, Metal Physics,	74	3	0	77	2	0	0	2
324			Physical Properties in General (inclu. Basic Theories)	42	0	0	42	6	0	0	6
325			Physics in General	51	5	0	56	2	0	0	2
			Physics total	342	15	0	357	18	0	0	18
331			Physics of Solid Earth	26	1	0	27	1	0	0	1
332			Meteorology, Oceanography and Hydrology	41	0	0	41	1	0	0	1
333			Aeronomy	15	0	0	15	1	0	0	1
334			Geology	26	0	0	26	3	0	0	3
335			Stratigraphy and Paleontology	12	0	0	12	1	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	18	1	0	19	2	0	0	2
337			Geochemistry	16	0	0	16	0	0	0	0
			Earth Science total	154	2	0	156	9	0	0	9
341			Physical Chemistry	81	6	0	87	3	0	0	3
342			Organic Chemistry	74	3	0	77	3	0	0	3
343			Inorganic Chemistry	41	3	0	44	2	0	0	2
344			Function, Properties and Materials in Chemistry	34	2	0	36	0	0	0	0
345			Substance Transformation	5	0	0	5	0	0	0	0
346			Separation, Refining and Identification	31	2	0	33	2	0	0	2
			Chemistry total	266	16	0	282	10	0	0	10
351			Genetics	17	1	0	18	3	0	0	3
352			Ecology	47	2	0	49	2	0	0	2
353			Plant Physiology	28	3	0	31	4	0	0	4
354			Morphology, Structure of Organism	14	6	0	20	3	0	0	3
355			Animal Physiology and	15	4	0	19	1	0	0	1
356			Morphology and Taxonomy	29	2	0	31	1	0	0	1
			Biology total	150	18	0	168	14	0	0	14
361			Physical Anthropology (inclu. Physiological Anthropology)	8	2	0	10	2	0	0	2
	SCIENCE Total			1,200	68	0	1,268	68	0	0	68
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	42	0	0	42	2	0	0	2
402			Surface Physics	26	2	0	28	1	0	0	1
403			Applied Optics and Quantum Optics	51	1	0	52	0	0	0	0
404			General Applied Physics	31	0	0	31	0	1	0	1
405			Fundamentals of Engineering	12	0	1	13	0	0	0	0
			Applied Physics-Fundamentals of Engineering total	162	3	1	166	3	1	0	4
411			Materials for Machines and Strength of Materials	92	0	0	92	5	0	0	5
412			Workshop Processes and Production Engineering	78	0	0	78	2	0	0	2
413			Design Engineering, Machine Elements and Tribology	52	0	0	52	3	0	0	3
414			Fluid Mechanics	80	0	0	80	3	0	0	3
415			Heat Engineering	76	0	0	76	3	0	0	3
416			Mechanics and Control Engineering	65	0	0	65	1	0	0	1
417			Intelligent Mechanics and Machine System	52	0	0	52	2	0	0	2
			Machine Engineering total	495	0	0	495	19	0	0	19
421			Electric Power Engineering and Electric Machinery	107	1	0	108	4	0	0	4
422			Electronic and Electric Materials Engineering	86	0	0	86	3	0	0	3
423			Electron Devices and Apparatus Engineering	98	0	0	98	1	0	0	1
424			Information and Communication Engineering	170	3	1	174	8	0	0	8

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	4	0	0	4	410	10	1	421
323			Solid-State Physics II (Magnetism, Metal Physics,	6	1	0	7	460	17	0	477
324			Physical Properties in General (inclu. Basic Theories)	6	0	0	6	341	8	0	349
325			Physics in General	4	0	1	5	343	22	1	366
			Physics total	26	1	1	28	2,352	87	3	2,442
331			Physics of Solid Earth	2	0	1	3	229	17	1	247
332			Meteorology, Oceanography and Hydrology	1	0	2	3	294	18	2	314
333			Aeronomy	0	0	0	0	83	6	0	89
334			Geology	1	0	1	2	177	5	1	183
335			Stratigraphy and Paleontology	0	0	0	0	86	11	0	97
336			Mineralogy, Petrology and Study of Mineral Deposit	4	0	0	4	192	8	0	200
337			Geochemistry	0	0	0	0	143	10	0	153
			Earth Science total	8	0	4	12	1,204	75	4	1,283
341			Physical Chemistry	4	0	1	5	612	46	1	659
342			Organic Chemistry	2	0	1	3	503	42	3	548
343			Inorganic Chemistry	5	0	0	5	316	31	0	347
344			Function, Properties and Materials in Chemistry	0	1	1	2	268	23	1	292
345			Substance Transformation	0	0	0	0	37	3	1	41
346			Separation, Refining and Identification	5	1	0	6	197	32	0	229
			Chemistry total	16	2	3	21	1,933	177	6	2,116
351			Genetics	2	1	0	3	233	39	2	274
352			Ecology	2	0	3	5	418	61	4	483
353			Plant Physiology	3	1	0	4	256	50	0	306
354			Morphology, Structure of Organism	1	1	0	2	149	23	0	172
355			Animal Physiology and	0	0	0	0	157	32	2	191
356			Morphology and Taxonomy	2	1	1	4	222	22	1	245
			Biology total	10	4	4	18	1,435	227	9	1,671
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	0	2	87	24	0	111
	SCIENCE Total			86	11	13	110	9,284	712	26	10,022
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	4	0	0	4	267	10	1	278
402			Surface Physics	5	0	0	5	172	10	1	183
403			Applied Optics and Quantum Optics	4	0	1	5	296	5	1	302
404			General Applied Physics	0	0	0	0	179	4	0	183
405			Fundamentals of Engineering	1	0	1	2	117	6	2	125
			Applied Physics-Fundamentals of Engineering total	14	0	2	16	1,031	35	5	1,071
411			Materials for Machines and Strength of Materials	10	0	0	10	522	9	0	531
412			Workshop Processes and Production Engineering	4	0	0	4	408	2	0	410
413			Design Engineering, Machine Elements and Tribology	4	0	0	4	286	5	0	291
414			Fluid Mechanics	4	0	0	4	512	9	2	523
415			Heat Engineering	3	0	1	4	481	5	2	488
416			Mechanics and Control Engineering	6	0	1	7	383	5	1	389
417			Intelligent Mechanics and Machine System	5	1	1	7	448	15	2	465
			Machine Engineering total	36	1	3	40	3,040	50	7	3,097
421			Electric Power Engineering and Electric Machinery	4	1	2	7	520	5	3	528
422			Electronic and Electric Materials Engineering	6	0	2	8	502	17	2	521
423			Electron Devices and Apparatus Engineering	6	0	0	6	550	5	0	555
424			Information and Communication Engineering	16	0	0	16	1,147	35	6	1,188

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	21-30 years old				31-40 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
425	E N G I N E E R I N G		System Engineering	29	3	0	32	58	8	0	66
427			Electronic Measurements	41	2	0	43	108	3	0	111
428			Control Engineering	40	2	0	42	124	3	0	127
			Electric and Electronic Engineering	412	24	3	439	908	41	2	951
431			Construction Materials and Dynamics in General Civil Engineering	17	2	0	19	39	1	0	40
432			Structural Engineering and Seismology	34	3	0	37	58	1	0	59
433			Ground Engineering	26	1	0	27	73	2	0	75
434			Hydraulics and River Engineering	25	5	0	30	71	1	0	72
435			Traffic Engineering and Regional Planning	26	1	1	28	67	3	0	70
436			Civil Environmental System	25	7	0	32	65	6	0	71
			Civil Engineering total	153	19	1	173	373	14	0	387
441		G	Building Structure and Materials	46	4	0	50	62	6	0	68
442			Building Science and Building Equipment	17	6	0	23	53	8	0	61
443			City Planning and Building Planning	57	18	0	75	126	30	0	156
444			Architectural History and Design	26	7	0	33	55	14	0	69
			Architecture total	146	35	0	181	296	58	0	354
451		M a t e r i a l	Physical Metallurgy	19	0	0	19	50	2	0	52
452			Inorganic Materials and	41	4	1	46	103	4	0	107
453			Composed Materials and Properties	13	1	0	14	22	5	0	27
454			Structural and Functional Materials	40	2	0	42	50	4	0	54
455		R	Metallurgy and Material	19	2	0	21	57	4	0	61
456			Metal Productive Engineering	7	1	0	8	26	1	0	27
			Material Engineering total	139	10	1	150	308	20	0	328
461		C h e m i c a l	Chemical Engineering in General	27	1	0	28	61	1	0	62
462			Reaction and Separation Engineering	22	1	0	23	31	4	0	35
463			Catalyst and Chemical Process	9	2	0	11	32	2	0	34
464			Bioengineering	45	3	0	48	82	7	0	89
465			Industrial Analytical Chemistry	11	0	0	11	19	2	0	21
			Process Engineering total	114	7	0	121	225	16	0	241
471		I n d u s t r i a l	Industrial Physical Chemistry	20	0	0	20	46	1	0	47
472			Industrial Inorganic Chemistry	12	0	1	13	23	0	0	23
473			Industrial Organic Chemistry	5	0	0	5	13	1	0	14
474			Synthetic Chemistry	43	7	1	51	66	1	0	67
475			Polymer Synthesis	36	3	0	39	46	5	0	51
476			Polymer Structure and Property (inclu. Fiber)	27	3	0	30	44	10	0	54
			Industrial Chemistry total	143	13	2	158	238	18	0	256
481		S y n t h e t i c	Aeronautics	21	1	0	22	37	1	0	38
482			Ship Engineering	5	2	0	7	20	1	0	21
483			Marine Engineering	5	0	0	5	15	1	0	16
484			Resource Development Engineering	6	1	0	7	32	1	0	33
			Synthetic Engineering total	37	4	0	41	104	4	0	108
			ENGINEERING Total	1,508	138	8	1,654	3,400	202	3	3,605
501	A g r i c u l t u r e		Plant Breeding	15	7	0	22	32	3	0	35
502			Crop Science	9	1	0	10	24	2	0	26
503			Horticulture and Landscape Architecture	15	7	0	22	73	8	0	81
504			Plant Protection	19	11	0	30	41	4	0	45
505			Sericultural Science and Economic Entomology	6	7	0	13	10	3	0	13
			Agriculture total	64	33	0	97	180	20	0	200
511			Plant Fertilizer and Manure and Soil Science	14	4	0	18	33	3	0	36
512			Applied Microbiochemistry and Applied Biochemistry	56	27	0	83	112	19	0	131
513			Biological Productive Chemistry and Bioorganic Chemistry	23	4	0	27	32	2	0	34
514			Food Science and Nutritional Chemistry	29	32	0	61	76	47	0	123

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	41-50 years old				51-60 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
425	E N G I N E E R I N G		System Engineering	52	3	0	55	74	0	0	74
427			Electronic Measurements	88	1	0	89	113	3	0	116
428			Control Engineering	81	1	0	82	90	3	0	93
			Electric and Electronic Engineering	688	13	0	701	1,100	11	1	1,112
431			Construction Materials and Dynamics in General Civil Engineering	50	0	0	50	71	0	0	71
432			Structural Engineering and Seismology	65	1	0	66	101	0	0	101
433			Ground Engineering	63	0	0	63	95	0	0	95
434			Hydraulics and River Engineering	75	0	0	75	97	0	0	97
435			Traffic Engineering and Regional Planning	50	1	0	51	74	0	0	74
436			Civil Environmental System	54	4	0	58	65	2	0	67
			Civil Engineering total	357	6	0	363	503	2	0	505
441		G	Building Structure and Materials	83	1	0	84	182	0	0	182
442			Building Science and Building Equipment	48	7	0	55	70	1	0	71
443			City Planning and Building Planning	130	28	0	158	210	18	0	228
444			Architectural History and Design	76	9	0	85	102	5	0	107
			Architecture total	337	45	0	382	564	24	0	588
451		M a t e r i a l	Physical Metallurgy	33	2	0	35	51	0	0	51
452			Inorganic Materials and	59	1	0	60	78	0	0	78
453			Composed Materials and Properties	20	1	0	21	26	2	0	28
454			Structural and Functional Materials	45	1	0	46	62	0	0	62
455		R	Metallurgy and Material	50	2	0	52	109	0	0	109
456			Metal Productive Engineering	23	0	0	23	40	0	0	40
			Material Engineering total	230	7	0	237	366	2	0	368
461		I n d u s t r i a l	Chemical Engineering in General	41	1	0	42	73	0	0	73
462			Reaction and Separation Engineering	28	0	0	28	38	0	0	38
463			Catalyst and Chemical Process	28	1	0	29	31	0	0	31
464			Bioengineering	51	1	0	52	38	2	0	40
465			Industrial Analytical Chemistry	21	0	0	21	38	5	0	43
			Process Engineering total	169	3	0	172	218	7	0	225
471			Industrial Physical Chemistry	48	4	0	52	60	3	0	63
472			Industrial Inorganic Chemistry	14	0	0	14	29	2	0	31
473			Industrial Organic Chemistry	16	1	0	17	39	2	0	41
474			Synthetic Chemistry	54	0	0	54	70	2	0	72
475			Polymer Synthesis	37	3	0	40	51	0	0	51
476			Polymer Structure and Property (inclu. Fiber)	49	2	0	51	56	8	0	64
			Industrial Chemistry total	218	10	0	228	305	17	0	322
481			Aeronautics	24	1	0	25	42	0	0	42
482			Ship Engineering	25	1	0	26	35	0	0	35
483			Marine Engineering	13	1	0	14	11	0	0	11
484			Resource Development Engineering	13	2	0	15	31	0	0	31
			Synthetic Engineering total	75	5	0	80	119	0	0	119
			ENGINEERING Total	2,856	103	2	2,961	4,423	72	3	4,498
501	A g r i c u l t u r e		Plant Breeding	31	1	0	32	34	3	0	37
502			Crop Science	24	1	0	25	35	2	0	37
503			Horticulture and Landscape Architecture	58	4	0	62	105	2	0	107
504			Plant Protection	39	2	0	41	51	1	0	52
505			Sericultural Science and Economic Entomology	13	0	0	13	19	2	0	21
			Agriculture total	165	8	0	173	244	10	0	254
511			Plant Fertilizer and Manure and Soil Science	32	3	0	35	55	1	0	56
512			Applied Microbiochemistry and Applied Biochemistry	97	4	0	101	124	10	1	135
513			Biological Productive Chemistry and Bioorganic Chemistry	28	1	0	29	43	1	0	44
514			Food Science and Nutritional Chemistry	92	50	0	142	139	68	0	207

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	61-70 years old				71 or more			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
425	E N G I N E E R I N G		System Engineering	39	3	0	42	2	0	0	2
427			Electronic Measurements	65	0	0	65	4	0	0	4
428			Control Engineering	41	0	0	41	1	0	0	1
			Electric and Electronic Engineering	606	7	1	614	23	0	0	23
431			Construction Materials and Dynamics in General Civil Engineering	27	1	0	28	0	0	0	0
432			Structural Engineering and Seismology	35	0	0	35	5	0	0	5
433			Ground Engineering	35	0	0	35	2	0	0	2
434			Hydraulics and River Engineering	33	0	0	33	3	0	0	3
435			Traffic Engineering and Regional Planning	22	0	0	22	2	0	0	2
436			Civil Environmental System	25	0	0	25	1	0	0	1
			Civil Engineering total	177	1	0	178	13	0	0	13
441		N	Building Structure and Materials	89	0	0	89	5	0	0	5
442			Building Science and Building Equipment	36	3	0	39	2	0	0	2
443			City Planning and Building Planning	93	12	0	105	3	1	0	4
444		I	Architectural History and Design	31	4	0	35	1	0	0	1
			Architecture total	249	19	0	268	11	1	0	12
451		N	Physical Metallurgy	24	0	0	24	1	0	0	1
452			Inorganic Materials and	36	1	0	37	3	0	0	3
453			Composed Materials and Properties	20	1	0	21	2	0	0	2
454		E	Structural and Functional Materials	40	0	0	40	0	0	0	0
455		R	Metallurgy and Material	45	1	0	46	2	0	0	2
456			Metal Productive Engineering	27	0	0	27	1	0	0	1
			Material Engineering total	192	3	0	195	9	0	0	9
461		G	Chemical Engineering in General	22	0	0	22	0	0	0	0
462			Reaction and Separation Engineering	19	0	0	19	0	0	0	0
463			Catalyst and Chemical Process	23	1	0	24	1	0	0	1
464			Bioengineering	19	0	0	19	1	0	0	1
465			Industrial Analytical Chemistry	17	0	0	17	0	0	0	0
			Process Engineering total	100	1	0	101	2	0	0	2
471			Industrial Physical Chemistry	33	4	0	37	1	0	0	1
472			Industrial Inorganic Chemistry	17	0	0	17	0	0	0	0
473			Industrial Organic Chemistry	23	1	0	24	1	0	0	1
474			Synthetic Chemistry	29	0	0	29	0	0	0	0
475			Polymer Synthesis	36	1	0	37	1	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	45	5	0	50	6	0	0	6
			Industrial Chemistry total	183	11	0	194	9	0	0	9
481			Aeronautics	26	0	0	26	1	0	0	1
482			Ship Engineering	20	0	0	20	0	0	0	0
483			Marine Engineering	5	0	0	5	0	0	0	0
484			Resource Development Engineering	13	0	0	13	0	0	0	0
			Synthetic Engineering total	64	0	0	64	1	0	0	1
			ENGINEERING Total	2,228	45	2	2,275	90	2	0	92
501	A G R I C U L T U R E		Plant Breeding	14	1	0	15	0	0	0	0
502			Crop Science	11	0	0	11	1	0	0	1
503			Horticulture and Landscape Architecture	53	2	0	55	4	0	0	4
504			Plant Protection	35	1	0	36	1	0	0	1
505			Sericultural Science and Economic Entomology	8	0	0	8	5	0	0	5
			Agriculture total	121	4	0	125	11	0	0	11
511			Plant Fertilizer and Manure and Soil Science	15	0	0	15	1	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	73	4	0	77	4	1	0	5
513			Biological Productive Chemistry and Bioorganic Chemistry	19	1	0	20	0	0	0	0
514			Food Science and Nutritional Chemistry	89	36	0	125	12	1	0	13

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subject	Subdivision	Item	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
425	E		System Engineering	1	0	1	2	255	17	1	273
427			Electronic Measurements	1	0	0	1	420	9	0	429
428			Control Engineering	8	0	1	9	385	9	1	395
			Electric and Electronic Engineering	42	1	6	49	3,779	97	13	3,889
431			Construction Materials and Dynamics in General Civil Engineering	2	0	0	2	206	4	0	210
432			Structural Engineering and Seismology	2	0	1	3	300	5	1	306
433			Ground Engineering	5	0	2	7	299	3	2	304
434			Hydraulics and River Engineering	4	0	0	4	308	6	0	314
435			Traffic Engineering and Regional Planning	1	0	0	1	242	5	1	248
436			Civil Environmental System	0	0	1	1	235	19	1	255
			Civil Engineering total	14	0	4	18	1,590	42	5	1,637
441		N	Building Structure and Materials	6	1	1	8	473	12	1	486
442			Building Science and Building Equipment	2	1	2	5	228	26	2	256
443			City Planning and Building Planning	7	1	1	9	626	108	1	735
444			Architectural History and Design	3	0	1	4	294	39	1	334
			Architecture total	18	3	5	26	1,621	185	5	1,811
451		N	Physical Metallurgy	8	0	2	10	186	4	2	192
452			Inorganic Materials and	15	0	0	15	335	10	1	346
453			Composed Materials and Properties	4	0	1	5	107	10	1	118
454			Structural and Functional Materials	1	1	0	2	238	8	0	246
455		R	Metallurgy and Material	1	0	1	2	283	9	1	293
456			Metal Productive Engineering	1	0	0	1	125	2	0	127
			Material Engineering total	30	1	4	35	1,274	43	5	1,322
461		I	Chemical Engineering in General	4	0	2	6	228	3	2	233
462			Reaction and Separation Engineering	1	0	0	1	139	5	0	144
463			Catalyst and Chemical Process	0	0	0	0	124	6	0	130
464			Bioengineering	0	0	1	1	236	13	1	250
465			Industrial Analytical Chemistry	0	0	0	0	106	7	0	113
			Process Engineering total	5	0	3	8	833	34	3	870
471			Industrial Physical Chemistry	2	0	0	2	210	12	0	222
472			Industrial Inorganic Chemistry	4	0	0	4	99	2	1	102
473			Industrial Organic Chemistry	1	0	0	1	98	5	0	103
474			Synthetic Chemistry	1	0	1	2	263	10	2	275
475			Polymer Synthesis	7	0	1	8	214	12	1	227
476			Polymer Structure and Property (inclu. Fiber)	5	1	0	6	232	29	0	261
			Industrial Chemistry total	20	1	2	23	1,116	70	4	1,190
481			Aeronautics	2	0	0	2	153	3	0	156
482			Ship Engineering	0	0	0	0	105	4	0	109
483			Marine Engineering	0	0	0	0	49	2	0	51
484			Resource Development Engineering	0	0	0	0	95	4	0	99
			Synthetic Engineering total	2	0	0	2	402	13	0	415
			ENGINEERING Total	181	7	29	217	14,686	569	47	15,302
501	A		Plant Breeding	0	0	0	0	126	15	0	141
502			Crop Science	0	0	0	0	104	6	0	110
503			Horticulture and Landscape Architecture	1	1	2	4	309	24	2	335
504			Plant Protection	0	0	0	0	186	19	0	205
505			Sericultural Science and Economic Entomology	0	0	0	0	61	12	0	73
			Agriculture total	1	1	2	4	786	76	2	864
511			Plant Fertilizer and Manure and Soil Science	1	0	0	1	151	11	0	162
512			Applied Microbiochemistry and Applied Biochemistry	2	0	0	2	468	65	1	534
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	145	9	0	154
514			Food Science and Nutritional Chemistry	2	0	0	2	439	234	0	673

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	21-30 years old				31-40 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
	A		Agricultural Chemistry total	122	67	0	189	253	71	0	324
521			Forestry	27	13	1	41	63	9	0	72
522	G		Wood Science	21	10	0	31	42	7	0	49
			Forestry total	48	23	1	72	105	16	0	121
531	R		Fisheries in General	46	5	0	51	73	8	0	81
532			Fisheries Chemistry	9	1	0	10	30	5	0	35
			Fisheries total	55	6	0	61	103	13	0	116
541	I		Agricultural Economics	20	4	0	24	47	12	0	59
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	1	0	13	39	5	0	44
552	U		Agricultural Machinery	7	1	0	8	29	2	0	31
553	L		Biological Environment	5	2	0	7	14	3	0	17
			Agricultural Engineering total	24	4	0	28	82	10	0	92
561	T		Animal Science and Grassland Science	5	4	0	9	28	2	0	30
562	U		Applied Animal Science	17	8	0	25	31	11	1	43
563	R		Basic Veterinary Medicine and Basic Animal Science	19	10	0	29	54	10	0	64
564			Applied Veterinary Medicine	20	12	0	32	63	10	1	74
	E		Animal Science·Veterinary Medicine total	61	34	0	95	176	33	2	211
571			Biological Resource Science	5	3	0	8	12	1	0	13
572			Applied Molecular Cell Biology	12	7	0	19	26	4	0	30
			Interdisciplinary Agricultural Science total	17	10	0	27	38	5	0	43
			AGRICULTURE Total	411	181	1	593	984	180	2	1,166
601			Anatomy in General (inclu. Histology, Embryology)	24	9	0	33	55	23	0	78
602			Physiology in General	22	7	0	29	95	22	0	117
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	12	7	0	19	29	11	1	41
604			Pharmacology in General	22	8	0	30	53	12	0	65
605			Medical Chemistry in General	15	15	0	30	70	15	0	85
606			Pathological Medical Chemistry	10	9	0	19	30	10	0	40
	M		Physiology total	105	55	0	160	332	93	1	426
611			Hominal Pathology	13	8	0	21	121	30	0	151
612	E		Experimental Pathology	13	9	0	22	62	17	0	79
613	D		Parasitology (inclu. Medical Zoology)	3	4	0	7	14	3	0	17
614			Bacteriology (inclu. Eumycetes)	11	12	0	23	53	18	1	72
615	I		Virology	14	7	0	21	54	15	0	69
616			Immunology	28	10	0	38	92	18	0	110
	C		Pathology total	82	50	0	132	396	101	1	498
621			Hygiene	6	8	0	14	37	10	0	47
622	I		Public Health and Health Science	15	21	0	36	111	84	0	195
623			Legal Medicine	5	6	0	11	30	12	0	42
	N		Social Medicine total	26	35	0	61	178	106	0	284
631			Internal Medicine in General	11	6	0	17	123	26	0	149
632	E		Gastroenterology	16	1	0	17	179	28	0	207
633			Internal Medicine Respiratory System	7	1	0	8	69	12	0	81
634			Neurological Medicine	11	2	0	13	77	25	1	103
635			Cardioangiopathy	24	4	0	28	179	26	1	206
636			Pediatrics	10	10	1	21	122	44	1	167
637			Dermatology	12	22	0	34	104	55	0	159
638			Radiology	12	10	0	22	191	37	0	228
639			Neuropsychiatry	14	9	0	23	142	46	0	188
641			Hematology	6	3	1	10	107	30	0	137
642			Internal Medicine of Kidney	13	1	0	14	61	18	0	79
643			Embryology and Newborn	2	0	0	2	11	4	0	15
644			Endocrinology	6	2	1	9	48	14	0	62
645			Metabolic Science	16	6	0	22	34	24	1	59
			Internal Medicine total	160	77	3	240	1,447	389	4	1,840
651			Surgery in General	10	2	0	12	159	15	0	174
652			Gastroenterological Surgery	16	2	0	18	171	6	1	178
653			Thoracic Surgery	7	1	0	8	111	6	0	117

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	41-50 years old				51-60 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
		A	Agricultural Chemistry total	249	58	0	307	361	80	1	442
521			Forestry	64	3	0	67	87	1	0	88
522		G	Wood Science	25	3	0	28	53	1	0	54
			Forestry total	89	6	0	95	140	2	0	142
531		R	Fisheries in General	72	1	0	73	84	1	0	85
532			Fisheries Chemistry	25	0	0	25	28	4	0	32
		I	Fisheries total	97	1	0	98	112	5	0	117
541			Agricultural Economics	76	3	1	80	93	2	0	95
551		C	Irrigation, Drainage and Reclamation Engineering and Rural Planning	28	2	0	30	65	0	0	65
552		U	Agricultural Machinery	20	0	0	20	38	0	0	38
553		L	Biological Environment	14	1	0	15	25	0	0	25
			Agricultural Engineering total	62	3	0	65	128	0	0	128
561		T	Animal Science and Grassland Science	32	1	0	33	51	2	0	53
562		U	Applied Animal Science	37	0	0	37	38	1	0	39
563		R	Basic Veterinary Medicine and Basic Animal Science	57	3	0	60	69	1	1	71
564			Applied Veterinary Medicine	49	5	0	54	60	3	0	63
		E	Animal Science·Veterinary Medicine total	175	9	0	184	218	7	1	226
571			Biological Resource Science	17	1	0	18	28	1	0	29
572			Applied Molecular Cell Biology	13	0	0	13	11	0	0	11
			Interdisciplinary Agricultural Science total	30	1	0	31	39	1	0	40
			AGRICULTURE Total	943	89	1	1,033	1,335	107	2	1,444
601			Anatomy in General (inclu. Histology, Embryology)	89	13	0	102	101	24	0	125
602			Physiology in General	102	15	0	117	95	14	0	109
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	71	9	1	81	74	23	0	97
604			Pharmacology in General	78	13	0	91	71	13	0	84
605			Medical Chemistry in General	65	13	0	78	71	15	0	86
606			Pathological Medical Chemistry	44	6	0	50	31	7	0	38
		M	Physiology total	449	69	1	519	443	96	0	539
611			Hominal Pathology	127	20	0	147	115	5	0	120
612		E	Experimental Pathology	66	10	0	76	45	6	0	51
613		D	Parasitology (inclu. Medical Zoology)	38	8	0	46	69	2	0	71
614			Bacteriology (inclu. Eumycetes)	57	15	1	73	65	16	0	81
615		I	Virology	65	10	0	75	46	2	0	48
616			Immunology	112	15	0	127	76	14	0	90
		C	Pathology total	465	78	1	544	416	45	0	461
621			Hygiene	74	14	0	88	70	10	0	80
622		I	Public Health and Health Science	173	77	1	251	175	90	1	266
623			Legal Medicine	65	7	0	72	53	12	0	65
		N	Social Medicine total	312	98	1	411	298	112	1	411
631			Internal Medicine in General	170	13	0	183	109	5	1	115
632		E	Gastroenterology	237	9	1	247	99	3	0	102
633			Internal Medicine Respiratory System	118	9	1	128	49	1	0	50
634			Neurological Medicine	159	9	0	168	59	4	0	63
635			Cardioangiology	284	11	2	297	105	5	0	110
636			Pediatrics	230	23	0	253	102	16	0	118
637			Dermatology	84	12	0	96	36	7	0	43
638			Radiology	255	33	0	288	111	10	0	121
639			Neuropsychiatry	171	30	1	202	87	14	0	101
641			Hematology	141	14	0	155	70	6	0	76
642			Internal Medicine of Kidney	99	3	0	102	48	6	0	54
643			Embryology and Newborn	18	1	0	19	6	1	0	7
644			Endocrinology	74	4	0	78	41	4	0	45
645			Metabolic Science	82	8	0	90	55	2	0	57
			Internal Medicine total	2,122	179	5	2,306	977	84	1	1,062
651			Surgery in General	209	7	1	217	100	1	0	101
652			Gastroenterological Surgery	212	2	0	214	102	0	0	102
653			Thoracic Surgery	172	2	0	174	57	0	0	57

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	61-70 years old				71 or more			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
	A		Agricultural Chemistry total	196	41	0	237	17	2	0	19
521			Forestry	37	0	0	37	0	0	0	0
522	G		Wood Science	22	0	0	22	1	0	0	1
			Forestry total	59	0	0	59	1	0	0	1
531	R		Fisheries in General	39	1	0	40	0	0	0	0
532			Fisheries Chemistry	14	0	0	14	1	0	0	1
			Fisheries total	53	1	0	54	1	0	0	1
541	I		Agricultural Economics	55	0	0	55	7	0	0	7
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	25	0	0	25	0	0	0	0
552	U		Agricultural Machinery	21	0	0	21	0	0	0	0
553	L		Biological Environment	7	0	0	7	1	0	0	1
			Agricultural Engineering total	53	0	0	53	1	0	0	1
561	T		Animal Science and Grassland Science	32	0	0	32	1	0	0	1
562	U		Applied Animal Science	12	0	0	12	1	0	0	1
563	R		Basic Veterinary Medicine and Basic Animal Science	27	0	0	27	0	0	0	0
564			Applied Veterinary Medicine	32	0	0	32	0	0	0	0
	E		Animal Science·Veterinary Medicine total	103	0	0	103	2	0	0	2
571			Biological Resource Science	8	0	0	8	1	0	0	1
572			Applied Molecular Cell Biology	3	0	0	3	1	0	0	1
			Interdisciplinary Agricultural Science total	11	0	0	11	2	0	0	2
			AGRICULTURE Total	651	46	0	697	42	2	0	44
601			Anatomy in General (inclu. Histology, Embryology)	28	1	0	29	2	1	0	3
602			Physiology in General	33	5	0	38	3	0	0	3
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	24	6	0	30	2	0	0	2
604			Pharmacology in General	25	6	0	31	4	0	0	4
605			Medical Chemistry in General	20	5	0	25	3	0	0	3
606			Pathological Medical Chemistry	9	3	0	12	1	0	0	1
	M		Physiology total	139	26	0	165	15	1	0	16
611			Hominal Pathology	38	2	0	40	4	0	0	4
612	E		Experimental Pathology	17	0	0	17	1	0	0	1
613	D		Parasitology (inclu. Medical Zoology)	17	2	0	19	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	32	8	0	40	6	0	0	6
615	I		Virology	21	1	0	22	0	0	0	0
616			Immunology	16	0	0	16	1	0	0	1
	C		Pathology total	141	13	0	154	12	0	0	12
621			Hygiene	25	5	0	30	1	2	0	3
622	I		Public Health and Health Science	81	52	0	133	9	6	0	15
623			Legal Medicine	13	3	0	16	0	0	0	0
	N		Social Medicine total	119	60	0	179	10	8	0	18
631			Internal Medicine in General	39	3	0	42	3	0	0	3
632	E		Gastroenterology	30	0	0	30	2	0	0	2
633			Internal Medicine Respiratory System	15	1	0	16	1	0	0	1
634			Neurological Medicine	17	1	0	18	1	0	0	1
635			Cardioangiopathy	29	1	0	30	1	0	0	1
636			Pediatrics	41	9	0	50	8	1	0	9
637			Dermatology	24	2	0	26	0	0	0	0
638			Radiology	41	3	0	44	1	0	0	1
639			Neuropsychiatry	53	1	0	54	7	1	0	8
641			Hematology	18	1	0	19	1	0	0	1
642			Internal Medicine of Kidney	12	0	0	12	1	0	0	1
643			Embryology and Newborn	2	0	0	2	0	0	0	0
644			Endocrinology	15	1	0	16	1	0	0	1
645			Metabolic Science	8	2	1	11	0	0	0	0
			Internal Medicine total	344	25	1	370	27	2	0	29
651			Surgery in General	30	0	0	30	0	0	0	0
652			Gastroenterological Surgery	25	0	0	25	0	0	0	0
653			Thoracic Surgery	23	0	0	23	6	0	0	6

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
	A		Agricultural Chemistry total	5	0	0	5	1,203	319	1	1,523
521			Forestry	1	0	0	1	279	26	1	306
522	G		Wood Science	0	0	1	1	164	21	1	186
			Forestry total	1	0	1	2	443	47	2	492
531	R		Fisheries in General	0	0	1	1	314	16	1	331
532			Fisheries Chemistry	0	0	0	0	107	10	0	117
			Fisheries total	0	0	1	1	421	26	1	448
541	I		Agricultural Economics	0	1	3	4	298	22	4	324
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1	170	8	0	178
552	U		Agricultural Machinery	1	0	1	2	116	3	1	120
553	L		Biological Environment	0	0	0	0	66	6	0	72
			Agricultural Engineering total	2	0	1	3	352	17	1	370
561	T		Animal Science and Grassland Science	0	0	0	0	149	9	0	158
562	U		Applied Animal Science	0	1	0	1	136	21	1	158
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	226	24	1	251
564			Applied Veterinary Medicine	0	0	0	0	224	30	1	255
	E		Animal Science·Veterinary Medicine total	0	1	0	1	735	84	3	822
571			Biological Resource Science	0	0	0	0	71	6	0	77
572			Applied Molecular Cell Biology	1	0	0	1	67	11	0	78
			Interdisciplinary Agricultural Science total	1	0	0	1	138	17	0	155
			AGRICULTURE Total	10	3	8	21	4,376	608	14	4,998
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	299	71	0	370
602			Physiology in General	1	1	0	2	351	64	0	415
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	0	0	1	213	56	2	271
604			Pharmacology in General	0	0	0	0	253	52	0	305
605			Medical Chemistry in General	1	0	0	1	245	63	0	308
606			Pathological Medical Chemistry	0	0	0	0	125	35	0	160
	M		Physiology total	3	1	0	4	1,486	341	2	1,829
611			Hominal Pathology	3	0	0	3	421	65	0	486
612	E		Experimental Pathology	1	0	0	1	205	42	0	247
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	141	19	0	160
614			Bacteriology (inclu. Eumycetes)	1	1	0	2	225	70	2	297
615	I		Virology	0	1	0	1	200	36	0	236
616			Immunology	1	0	1	2	326	57	1	384
	C		Pathology total	6	2	1	9	1,518	289	3	1,810
621			Hygiene	1	1	1	3	214	50	1	265
622	I		Public Health and Health Science	1	2	1	4	565	332	3	900
623			Legal Medicine	0	0	0	0	166	40	0	206
	N		Social Medicine total	2	3	2	7	945	422	4	1,371
631			Internal Medicine in General	1	0	2	3	456	53	3	512
632	E		Gastroenterology	2	0	2	4	565	41	3	609
633			Internal Medicine Respiratory System	1	0	0	1	260	24	1	285
634			Neurological Medicine	0	0	1	1	324	41	2	367
635			Cardioangiopathy	1	0	0	1	623	47	3	673
636			Pediatrics	3	0	2	5	516	103	4	623
637			Dermatology	1	0	0	1	261	98	0	359
638			Radiology	4	0	3	7	615	93	3	711
639			Neuropsychiatry	2	2	2	6	476	103	3	582
641			Hematology	0	0	1	1	343	54	2	399
642			Internal Medicine of Kidney	1	0	0	1	235	28	0	263
643			Embryology and Newborn	0	0	0	0	39	6	0	45
644			Endocrinology	0	0	1	1	185	25	2	212
645			Metabolic Science	1	0	0	1	196	42	2	240
			Internal Medicine total	17	2	14	33	5,094	758	28	5,880
651			Surgery in General	2	0	0	2	510	25	1	536
652			Gastroenterological Surgery	1	0	0	1	527	10	1	538
653			Thoracic Surgery	2	0	1	3	378	9	1	388

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subject	Subdivision	Item	21-30 years old				31-40 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
654	M		Neurosurgery	18	2	0	20	144	2	0	146
655			Orthopedic Surgery	20	7	0	27	245	18	0	263
656			Anesthesiology and Rescue Medicine	7	7	0	14	147	26	0	173
657			Urology	14	2	0	16	133	3	0	136
658			Obstetrics and Gynecology	5	8	0	13	125	38	0	163
659			Oto-rhino-laryngology	12	9	2	23	165	34	0	199
660			Ophthalmology	18	6	0	24	138	53	1	192
661			Pediatric Surgery	1	0	0	1	14	2	0	16
662			Formative Surgery	6	1	0	7	48	9	0	57
			Surgery total	134	47	2	183	1,600	212	2	1,814
671	E		Oral Anatomy and Morphological Basic Dentistry	31	32	0	63	66	20	1	87
672			Functional Basic Dentistry	23	15	0	38	59	16	0	75
673			Morbid Dentistry (inclu. Dental Radiology)	15	10	0	25	74	12	0	86
674			Conservative Dentistry	76	25	0	101	131	24	0	155
675			Prosthodontics and Dental Technology	119	41	1	161	187	32	0	219
676			Oral Surgery	96	26	0	122	235	33	1	269
677			Orthodontics, Pedodontics and Social Dentistry	106	89	1	196	154	88	0	242
678			Periodontological Dentistry	55	13	0	68	49	21	0	70
			Dentistry total	521	251	2	774	955	246	2	1,203
681	E		Chemical Pharmaceuticals	43	24	0	67	88	18	0	106
682			Physical Pharmaceuticals	15	10	0	25	28	16	1	45
683			Biopharmaceutics	54	30	0	84	109	34	1	144
684			Molecular Pharmaceuticals	25	17	0	42	35	4	0	39
685			Environmental Pharmaceuticals	8	5	0	13	13	4	0	17
			Pharmaceutics total	145	86	0	231	273	76	2	351
691			Medical Sociology	3	3	0	6	39	8	0	47
692			Human Genetics	3	5	0	8	18	3	0	21
693			Applied Pharmacology and Medical Pharmacology	10	11	0	21	25	11	0	36
694			Pathological Examination	5	7	0	12	20	11	0	31
696	E		Science of Basic and Local Nursing	2	26	0	28	8	193	0	201
697			Science of Clinical Nursing	3	57	1	61	17	335	0	352
			Medicine in General total	26	109	1	136	127	561	0	688
			MEDICINE Total	1,199	710	8	1,917	5,308	1,784	12	7,104
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	0	0	2	14	2	0	16
703			Physical Education	35	23	0	58	292	52	0	344
704			Human Geography	15	7	0	22	61	7	0	68
705			Physical Geography	13	1	0	14	26	3	1	30
			Geography total	28	8	0	36	87	10	1	98
706			Home Science (inclu. Cloth/Living Environments)	0	41	1	42	7	109	0	116
707			Food Culture	4	52	0	56	5	83	0	88
			Domestic Science total	4	93	1	98	12	192	0	204
708			Science of Cultural Property	6	2	0	8	6	2	0	8
711			Science Education	11	3	0	14	15	5	0	20
712	A		Educational Engineering	15	3	0	18	70	18	0	88
713			Curriculum Studies	17	26	0	43	145	74	1	220
714			Japanese Language Education	0	10	0	10	18	29	0	47
			Science Education·Curriculum Education total	43	42	0	85	248	126	1	375
721			Statistics	12	2	0	14	38	4	0	42
731			Computer Science	106	7	2	115	302	16	0	318
732			Intelligent Informatics	102	8	1	111	219	18	1	238
733			Study of Information System (Inclu. Library and Information Science)	32	9	1	42	110	18	1	129
			Information Science total	240	24	4	268	631	52	2	685
741			Social System Engineering	27	8	0	35	94	14	0	108
751	I		Natural Disaster Science	7	2	0	9	9	1	0	10
761			Plasma Science and Technology	18	1	0	19	53	1	0	54
772			Nuclear Fusion	7	0	0	7	18	0	0	18

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	41-50 years old				51-60 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
654	M		Neurosurgery	174	3	0	177	67	1	0	68
655			Orthopedic Surgery	284	6	1	291	105	4	2	111
656			Anesthesiology and Rescue Medicine	199	20	0	219	94	5	0	99
657			Urology	139	3	0	142	61	0	0	61
658			Obstetrics and Gynecology	151	20	0	171	87	2	0	89
659			Oto-rhino-laryngology	113	4	0	117	43	5	0	48
660			Ophthalmology	115	18	0	133	36	4	0	40
661			Pediatric Surgery	37	0	0	37	19	1	0	20
662			Formative Surgery	38	0	0	38	11	0	0	11
			Surgery total	1,843	85	2	1,930	782	23	2	807
671	E		Oral Anatomy and Morphological Basic Dentistry	69	17	0	86	73	14	0	87
672	D		Functional Basic Dentistry	42	11	0	53	55	7	0	62
673	I		Morbid Dentistry (inclu. Dental Radiology)	76	14	0	90	30	2	0	32
674	C		Conservative Dentistry	89	18	0	107	58	6	0	64
675			Prosthodontics and Dental Technology	148	10	0	158	97	3	0	100
676	I		Oral Surgery	220	7	0	227	107	7	0	114
677	N		Orthodontics, Pedodontics and Social Dentistry	135	31	0	166	74	18	0	92
678			Periodontological Dentistry	42	1	0	43	6	1	0	7
	E		Dentistry total	821	109	0	930	500	58	0	558
681			Chemical Pharmaceuticals	87	24	0	111	145	20	0	165
682			Physical Pharmaceuticals	42	9	0	51	67	12	0	79
683			Biopharmaceutics	118	27	0	145	134	23	0	157
684			Molecular Pharmaceuticals	24	6	0	30	27	4	0	31
685			Environmental Pharmaceuticals	14	3	0	17	21	5	0	26
			Pharmaceutics total	285	69	0	354	394	64	0	458
691			Medical Sociology	52	16	1	69	46	6	0	52
692			Human Genetics	37	7	0	44	12	3	0	15
693			Applied Pharmacology and Medical Pharmacology	51	13	0	64	48	4	0	52
694			Pathological Examination	50	19	0	69	50	17	0	67
696			Science of Basic and Local Nursing	14	223	1	238	7	171	0	178
697			Science of Clinical Nursing	10	296	3	309	7	187	0	194
			Medicine in General total	214	574	5	793	170	388	0	558
			MEDICINE Total	6,511	1,261	15	7,787	3,980	870	4	4,854
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	35	2	0	37	44	7	0	51
703			Physical Education	487	81	0	568	574	105	0	679
704			Human Geography	80	3	0	83	77	3	0	80
705			Physical Geography	30	3	0	33	38	1	0	39
			Geography total	110	6	0	116	115	4	0	119
706			Home Science(inclu. Cloth/Living Environments)	13	185	0	198	52	241	0	293
707			Food Culture	14	137	0	151	21	181	0	202
			Domestic Science total	27	322	0	349	73	422	0	495
708			Science of Cultural Property	8	2	0	10	10	0	0	10
711			Science Education	63	8	0	71	102	9	1	112
712	A R E A		Educational Engineering	107	25	1	133	116	14	0	130
713			Curriculum Studies	279	120	1	400	246	121	0	367
714			Japanese Language Education	41	57	0	98	20	38	0	58
			Science Education·Curriculum Education total	490	210	2	702	484	182	1	667
721			Statistics	36	5	0	41	41	5	0	46
731			Computer Science	241	11	0	252	233	9	0	242
732			Intelligent Informatics	164	9	0	173	164	7	0	171
733			Study of Information System (Inclu. Library and Information Science)	102	24	1	127	194	29	0	223
			Information Science total	507	44	1	552	591	45	0	636
741			Social System Engineering	86	7	0	93	114	2	0	116
751	I		Natural Disaster Science	13	1	0	14	20	0	0	20
761			Plasma Science and Technology	51	1	0	52	63	1	0	64
772			Nuclear Fusion	17	2	0	19	31	2	0	33

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	61-70 years old				71 or more			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
654	M		Neurosurgery	29	0	0	29	1	0	0	1
655			Orthopedic Surgery	38	0	0	38	3	0	0	3
656			Anesthesiology and Rescue Medicine	20	1	0	21	2	0	0	2
657			Urology	23	0	0	23	0	0	0	0
658			Obstetrics and Gynecology	36	2	0	38	1	0	0	1
659			Oto-rhino-laryngology	20	2	0	22	1	0	0	1
660			Ophthalmology	16	1	0	17	0	0	0	0
661			Pediatric Surgery	8	0	0	8	0	0	0	0
662			Formative Surgery	5	0	0	5	0	0	0	0
			Surgery total	273	6	0	279	14	0	0	14
671	E		Oral Anatomy and Morphological Basic Dentistry	15	2	0	17	0	0	0	0
672	D		Functional Basic Dentistry	18	2	0	20	1	0	0	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	14	1	0	15	1	0	0	1
674	C		Conservative Dentistry	21	0	0	21	1	0	0	1
675			Prosthodontics and Dental Technology	25	0	0	25	0	0	0	0
676	I		Oral Surgery	36	0	0	36	1	0	0	1
677	N		Orthodontics, Pedodontics and Social Dentistry	24	4	0	28	0	0	0	0
678			Periodontological Dentistry	3	0	0	3	0	0	0	0
	E		Dentistry total	156	9	0	165	4	0	0	4
681			Chemical Pharmaceuticals	64	5	0	69	3	0	0	3
682			Physical Pharmaceuticals	27	1	0	28	2	0	0	2
683			Biopharmaceutics	55	7	0	62	2	0	0	2
684			Molecular Pharmaceuticals	14	0	0	14	1	0	0	1
685			Environmental Pharmaceuticals	4	1	0	5	0	0	0	0
			Pharmaceutics total	164	14	0	178	8	0	0	8
691			Medical Sociology	13	2	0	15	6	0	0	6
692			Human Genetics	0	1	0	1	1	0	0	1
693			Applied Pharmacology and Medical Pharmacology	22	2	0	24	1	0	0	1
694			Pathological Examination	25	9	0	34	0	0	0	0
696			Science of Basic and Local Nursing	2	91	1	94	0	7	0	7
697			Science of Clinical Nursing	5	81	0	86	0	3	0	3
			Medicine in General total	67	186	1	254	8	10	0	18
			MEDICINE Total	1,403	339	2	1,744	98	21	0	119
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	26	2	0	28	3	1	0	4
703			Physical Education	260	46	0	306	8	0	0	8
704			Human Geography	59	0	0	59	6	0	0	6
705			Physical Geography	25	0	0	25	4	0	0	4
			Geography total	84	0	0	84	10	0	0	10
706			Home Science(inclu. Cloth/Living Environments)	28	129	0	157	5	5	0	10
707			Food Culture	15	94	0	109	3	2	0	5
			Domestic Science total	43	223	0	266	8	7	0	15
708			Science of Cultural Property	4	1	0	5	2	0	0	2
711			Science Education	55	6	0	61	2	0	0	2
712	A R E A		Educational Engineering	58	2	0	60	3	0	0	3
713			Curriculum Studies	194	44	0	238	10	2	0	12
714			Japanese Language Education	18	14	0	32	0	1	0	1
			Science Education·Curriculum Education total	325	66	0	391	15	3	0	18
721			Statistics	22	1	0	23	2	0	0	2
731			Computer Science	93	7	0	100	7	0	0	7
732			Intelligent Informatics	73	4	0	77	0	0	0	0
733			Study of Information System (Inclu. Library and Information Science)	147	13	0	160	10	1	0	11
			Information Science total	313	24	0	337	17	1	0	18
741			Social System Engineering	57	0	0	57	4	0	0	4
751	I		Natural Disaster Science	2	0	0	2	2	0	0	2
761			Plasma Science and Technology	27	0	0	27	0	0	0	0
772			Nuclear Fusion	11	0	0	11	1	0	0	1

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subject	Subdivision	Item	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
654	M		Neurosurgery	1	0	0	1	434	8	0	442
655			Orthopedic Surgery	3	0	0	3	698	35	3	736
656			Anesthesiology and Rescue Medicine	0	0	0	0	469	59	0	528
657			Urology	3	1	1	5	373	9	1	383
658			Obstetrics and Gynecology	2	2	3	7	407	72	3	482
659			Oto-rhino-laryngology	0	0	1	1	354	54	3	411
660			Ophthalmology	1	0	0	1	324	82	1	407
661			Pediatric Surgery	0	0	0	0	79	3	0	82
662			Formative Surgery	0	1	0	1	108	11	0	119
			Surgery total	15	4	6	25	4,661	377	14	5,052
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	254	85	1	340
672	D		Functional Basic Dentistry	1	0	1	2	199	51	1	251
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	210	39	0	249
674	C		Conservative Dentistry	1	2	1	4	377	75	1	453
675			Prosthodontics and Dental Technology	2	1	3	6	578	87	4	669
676	I		Oral Surgery	0	0	0	0	695	73	1	769
677	N		Orthodontics, Pedodontics and Social Dentistry	3	1	0	4	496	231	1	728
678			Periodontological Dentistry	3	1	0	4	158	37	0	195
	E		Dentistry total	10	5	5	20	2,967	678	9	3,654
681			Chemical Pharmaceuticals	0	1	1	2	430	92	1	523
682			Physical Pharmaceuticals	0	2	1	3	181	50	2	233
683			Biopharmaceutics	2	0	1	3	474	121	2	597
684			Molecular Pharmaceuticals	1	0	1	2	127	31	1	159
685			Environmental Pharmaceuticals	0	0	1	1	60	18	1	79
			Pharmaceutics total	3	3	5	11	1,272	312	7	1,591
691			Medical Sociology	0	0	1	1	159	35	2	196
692			Human Genetics	0	0	0	0	71	19	0	90
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	157	41	0	198
694			Pathological Examination	1	0	0	1	151	63	0	214
696			Science of Basic and Local Nursing	0	14	0	14	33	725	2	760
697			Science of Clinical Nursing	0	11	2	13	42	970	6	1,018
			Medicine in General total	1	25	3	29	613	1,853	10	2,476
			MEDICINE Total	57	45	36	138	18,556	5,030	77	23,663
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	1	0	1	124	15	0	139
703			Physical Education	2	4	4	10	1,658	311	4	1,973
704			Human Geography	0	1	2	3	298	21	2	321
705			Physical Geography	0	0	0	0	136	8	1	145
			Geography total	0	1	2	3	434	29	3	466
706			Home Science(inclu. Cloth/Living Environments)	0	3	1	4	105	713	2	820
707			Food Culture	0	2	0	2	62	551	0	613
			Domestic Science total	0	5	1	6	167	1,264	2	1,433
708			Science of Cultural Property	0	0	0	0	36	7	0	43
711			Science Education	0	0	1	1	248	31	2	281
712			Educational Engineering	1	1	1	3	370	63	2	435
713			Curriculum Studies	1	3	2	6	892	390	4	1,286
714			Japanese Language Education	0	3	0	3	97	152	0	249
			Science Education·Curriculum Education total	2	7	4	13	1,607	636	8	2,251
721	A R E A		Statistics	2	0	1	3	153	17	1	171
731			Computer Science	12	1	3	16	994	51	5	1,050
732			Intelligent Informatics	18	1	2	21	740	47	4	791
733			Study of Information System (Inclu. Library and Information Science)	2	0	4	6	597	94	7	698
			Information Science total	32	2	9	43	2,331	192	16	2,539
741			Social System Engineering	7	0	1	8	389	31	1	421
751			Natural Disaster Science	0	0	0	0	53	4	0	57
761			Plasma Science and Technology	2	0	1	3	214	4	1	219
772			Nuclear Fusion	0	0	0	0	85	4	0	89

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	21-30 years old				31-40 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	8	1	0	9	28	1	0	29
774			Nuclear Power Science	16	0	0	16	32	0	0	32
			Energy total	31	1	0	32	78	1	0	79
801			Environmental Dynamic Analysis	13	1	0	14	35	4	0	39
802			Environmental Influence Assessment (inclu. Radiobiology)	12	4	0	16	38	9	0	47
803			Environmental Preservation	24	8	0	32	62	19	0	81
			Environmental Science total	49	13	0	62	135	32	0	167
811			Biological Organic Chemistry	24	5	0	29	55	7	0	62
812			Structured Biochemistry	26	4	0	30	40	8	0	48
813			Functional Biochemistry	25	10	0	35	46	12	0	58
			Biological Chemistry total	75	19	0	94	141	27	0	168
821			Biophysics	32	2	0	34	54	7	0	61
822			Molecular Biology	75	24	0	99	181	36	0	217
823			Cell Biology	47	22	0	69	107	18	1	126
824			Developmental Biology	37	20	1	58	57	10	0	67
			Basic Biology total	191	68	1	260	399	71	1	471
831			Neuroanatomy and Neuropathology	11	2	0	13	28	7	0	35
832			Neurochemistry and Neuropharmacology	15	9	0	24	30	17	0	47
833			Neuro Science in General	35	12	0	47	83	17	1	101
834			Neuro and Muscular Physiology	16	3	0	19	57	12	0	69
			Neuro Science (inclu. Brain Science) total	77	26	0	103	198	53	1	252
841			Laboratory Animal Science	4	3	0	7	10	3	0	13
851			Medical Organism Engineering and Material Science of Organism	55	9	0	64	131	9	0	140
			INTERDISCIPLINARY AREA Total	904	344	6	1,254	2,576	652	6	3,234
999			WIDE AREA Total	77	39	0	116	234	127	2	363
			Item n.a. Total	6,294	2,395	72	8,761	11,837	3,004	187	15,028
			Grand Total	12,296	4,635	104	17,035	29,948	7,759	230	37,937

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	41-50 years old				51-60 years old			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	19	0	0	19	31	0	0	31
774			Nuclear Power Science	40	1	0	41	59	1	0	60
			Energy total	76	3	0	79	121	3	0	124
801			Environmental Dynamic Analysis	35	7	0	42	70	2	0	72
802			Environmental Influence Assessment (inclu. Radiobiology)	42	7	0	49	54	7	0	61
803			Environmental Preservation	66	5	0	71	80	6	0	86
			Environmental Science total	143	19	0	162	204	15	0	219
811			Biological Organic Chemistry	33	4	0	37	65	4	0	69
812			Structured Biochemistry	38	7	0	45	42	7	0	49
813			Functional Biochemistry	58	11	0	69	83	12	0	95
			Biological Chemistry total	129	22	0	151	190	23	0	213
821	A R E A		Biophysics	44	3	0	47	72	4	0	76
822			Molecular Biology	171	20	0	191	100	8	0	108
823			Cell Biology	90	12	0	102	72	17	0	89
824			Developmental Biology	53	6	0	59	41	6	0	47
			Basic Biology total	358	41	0	399	285	35	0	320
831			Neuroanatomy and Neuropathology	49	6	0	55	38	6	0	44
832			Neurochemistry and Neuropharmacology	47	11	1	59	31	6	0	37
833			Neuro Science in General	90	17	0	107	57	6	0	63
834			Neuro and Muscular Physiology	60	7	0	67	55	10	0	65
			Neuro Science (inclu. Brain Science) total	246	41	1	288	181	28	0	209
841			Laboratory Animal Science	32	2	0	34	42	1	0	43
851			Medical Organism Engineering and Material Science of Organism	103	7	0	110	88	5	0	93
			INTERDISCIPLINARY AREA Total	2,937	816	4	3,757	3,240	883	1	4,124
999			WIDE AREA Total	387	170	1	558	544	190	1	735
			Item n.a. Total	9,956	2,041	155	12,152	8,681	1,413	131	10,225
			Grand Total	31,935	6,513	185	38,633	33,174	5,460	150	38,784

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	61-70 years old				71 or more			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	22	0	0	22	1	0	0	1
774			Nuclear Power Science	26	1	0	27	1	0	0	1
			Energy total	59	1	0	60	3	0	0	3
801			Environmental Dynamic Analysis	26	2	0	28	1	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	29	3	0	32	1	0	0	1
803			Environmental Preservation	63	3	0	66	2	0	0	2
			Environmental Science total	118	8	0	126	4	0	0	4
811			Biological Organic Chemistry	20	1	0	21	0	0	0	0
812			Structured Biochemistry	22	1	0	23	1	0	0	1
813			Functional Biochemistry	32	3	0	35	0	0	0	0
			Biological Chemistry total	74	5	0	79	1	0	0	1
821	N T E R D I S C I P L I N A R Y A R E A		Biophysics	26	4	0	30	0	0	0	0
822			Molecular Biology	19	4	0	23	2	0	0	2
823			Cell Biology	21	7	0	28	1	0	0	1
824			Developmental Biology	13	1	0	14	0	0	0	0
			Basic Biology total	79	16	0	95	3	0	0	3
831			Neuroanatomy and Neuropathology	12	1	0	13	0	0	0	0
832			Neurochemistry and Neuropharmacology	9	3	0	12	0	0	0	0
833			Neuro Science in General	21	1	0	22	2	0	0	2
834			Neuro and Muscular Physiology	22	1	0	23	1	0	0	1
			Neuro Science (inclu. Brain Science) total	64	6	0	70	3	0	0	3
841			Laboratory Animal Science	8	1	0	9	1	0	0	1
851	N T E R D I S C I P L I N A R Y A R E A		Medical Organism Engineering and Material Science of Organism	50	1	0	51	0	0	0	0
			INTERDISCIPLINARY AREA Total	1,615	401	0	2,016	86	12	0	98
999			WIDE AREA Total	408	106	0	514	28	3	0	31
			Item n.a. Total	3,824	586	58	4,468	268	45	4	317
			Grand Total	16,495	2,423	67	18,985	1,309	124	4	1,437

Table 5. Number of Researchers by Field of Specialization / by Age / by Gender (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	0	0	0	0	109	2	0	111
774			Nuclear Power Science	0	0	0	0	174	3	0	177
			Energy total	0	0	0	0	368	9	0	377
801			Environmental Dynamic Analysis	0	0	0	0	180	16	0	196
802			Environmental Influence Assessment (inclu. Radiobiology)	1	0	0	1	177	30	0	207
803			Environmental Preservation	2	0	4	6	299	41	4	344
			Environmental Science total	3	0	4	7	656	87	4	747
811			Biological Organic Chemistry	1	0	0	1	198	21	0	219
812			Structured Biochemistry	0	0	1	1	169	27	1	197
813			Functional Biochemistry	1	0	1	2	245	48	1	294
			Biological Chemistry total	2	0	2	4	612	96	2	710
821	N T E R D I S C I P L I N A R Y A R E A		Biophysics	1	1	1	3	229	21	1	251
822			Molecular Biology	3	1	0	4	551	93	0	644
823			Cell Biology	1	1	0	2	339	77	1	417
824			Developmental Biology	0	0	0	0	201	43	1	245
			Basic Biology total	5	3	1	9	1,320	234	3	1,557
831			Neuroanatomy and Neuropathology	0	0	0	0	138	22	0	160
832			Neurochemistry and Neuropharmacology	0	0	0	0	132	46	1	179
833			Neuro Science in General	1	0	1	2	289	53	2	344
834			Neuro and Muscular Physiology	1	0	1	2	212	33	1	246
			Neuro Science (inclu. Brain Science) total	2	0	2	4	771	154	4	929
841			Laboratory Animal Science	0	0	0	0	97	10	0	107
851			Medical Organism Engineering and Material Science of Organism	4	0	0	4	431	31	0	462
			INTERDISCIPLINARY AREA Total	63	23	32	118	11,421	3,131	49	14,601
999			WIDE AREA Total	16	7	17	40	1,694	642	21	2,357
			Item n.a. Total	563	248	19,639	20,450	41,423	9,732	20,246	71,401
			Grand Total	1,072	434	19,854	21,360	126,229	27,348	20,594	174,171