

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	23	5	0	28	25	1	0	26
212			Chinese Philosophy	4	0	0	4	14	1	0	15
213			Indian Philosophy (inclu. Buddhist Studies)	5	0	0	5	5	1	0	6
214			Religion	5	1	0	6	6	4	0	10
215			Ethics	4	6	0	10	6	3	1	10
216			History of Philosophy	8	3	0	11	17	3	0	20
217			Aesthetics (inclu. Arts)	13	13	0	26	65	16	0	81
218			Art History	5	8	0	13	21	16	0	37
			Philosophy total	67	36	0	103	159	45	1	205
221			Experimental Psychology	24	16	0	40	45	9	0	54
222			Educational and Social	53	62	2	117	90	44	0	134
223			Sociology	31	16	1	48	77	41	0	118
224			Education	32	34	0	66	121	63	1	185
225			Cultural Anthropology (inclu. Ethnology and Folklore)	4	9	0	13	39	23	1	63
			Psychology·Sociology·Education Cultural Anthropology total	144	137	3	284	372	180	2	554
231			Japanese History	20	4	0	24	35	9	0	44
232			Oriental History	10	3	1	14	29	15	0	44
233			European History	18	8	0	26	34	25	0	59
234			Archaeology (inclu. Prehistory)	9	5	0	14	25	8	0	33
			History total	57	20	1	78	123	57	0	180
241			Japanese Language	4	6	0	10	22	8	0	30
242			Japanese Literature	18	26	0	44	41	21	0	62
243			Chinese Language and Literature	6	11	0	17	24	9	0	33
244			English Language and Literature	7	14	0	21	76	49	0	125
245			French Language and Literature	3	3	0	6	6	5	0	11
246			German Language and Literature	5	7	0	12	12	5	0	17
247			Other Foreign Languages and Literatures	4	5	0	9	18	15	0	33
248			Linguistics and Phonetics	13	13	0	26	61	42	2	105
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	9	0	11	9	18	0	27
			Literature total	62	94	0	156	269	172	2	443
			ARTS·HUMANITIES Total	330	287	4	621	923	454	5	1,382
261	L A W		Basic Science of Law	2	2	0	4	19	5	0	24
262			Public Law	7	2	0	9	26	7	0	33
263			International Law	4	0	0	4	10	6	0	16
264			Civil Law	15	5	0	20	46	11	0	57
265			Social Law	4	2	0	6	7	6	0	13
266			Criminal Law	2	1	0	3	15	3	0	18
267			Politics	24	12	0	36	67	23	0	90
			LAW Total	58	24	0	82	190	61	0	251
271	E C O N O M I C S		General Theory of Economics	34	9	0	43	88	5	1	94
272			Economical Statistics	7	0	0	7	11	3	0	14
273			Economic Policy (inclu. Economic Condition)	14	2	0	16	57	12	0	69
274			Economic History	4	3	0	7	15	4	0	19
275			Public Finance, Money and Banking	4	1	0	5	28	1	0	29
276			Commercial Science	4	0	0	4	14	3	1	18
277			Business Administration	15	2	0	17	43	7	0	50
278			Accounting	9	4	0	13	27	2	0	29
			ECONOMICS Total	91	21	0	112	283	37	2	322
301	S C I E N C E		Algebra	31	2	0	33	65	1	0	66
302			Geometry	27	1	0	28	55	4	0	59
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	17	5	0	22	81	3	2	86
305			Basic Analysis	17	0	0	17	48	5	0	53
306			Larger-area Analysis	16	3	0	19	33	3	0	36
			Mathematics total	108	11	0	119	282	16	2	300
311			Astronomy	25	2	0	27	43	4	0	47
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	88	12	0	100	124	4	0	128

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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
211	A R T S · H U M A N I T I E S	Philosophy	Philosophy	54	4	0	58	79	3	0	82
212			Chinese Philosophy	19	0	0	19	25	1	0	26
213			Indian Philosophy (inclu. Buddhist Studies)	12	0	0	12	17	0	0	17
214			Religion	10	1	0	11	15	2	0	17
215			Ethics	25	3	0	28	21	1	0	22
216			History of Philosophy	16	5	0	21	23	0	0	23
217			Aesthetics (inclu. Arts)	97	24	0	121	118	27	0	145
218			Art History	41	5	0	46	30	4	0	34
			Philosophy total	274	42	0	316	328	38	0	366
221		Psychology·Sociology·Education	Experimental Psychology	53	4	0	57	68	11	0	79
222			Educational and Social	146	40	0	186	139	29	0	168
223			Sociology	72	17	0	89	79	15	0	94
224			Education	185	54	0	239	234	34	1	269
225			Cultural Anthropology (inclu. Ethnology and Folklore)	58	18	0	76	33	5	0	38
			Psychology·Sociology·Education Cultural Anthropology total	514	133	0	647	553	94	1	648
231		History	Japanese History	71	12	1	84	72	7	0	79
232			Oriental History	38	5	0	43	48	1	0	49
233			European History	28	5	0	33	49	0	0	49
234			Archaeology (inclu. Prehistory)	22	3	0	25	28	1	0	29
			History total	159	25	1	185	197	9	0	206
241		Language and Literature	Japanese Language	43	14	0	57	32	5	0	37
242			Japanese Literature	55	13	0	68	70	8	0	78
243			Chinese Language and Literature	37	9	0	46	38	3	0	41
244			English Language and Literature	147	38	1	186	174	38	0	212
245			French Language and Literature	41	10	0	51	46	4	0	50
246			German Language and Literature	61	7	0	68	99	3	0	102
247			Other Foreign Languages and Literatures	32	13	0	45	35	6	0	41
248			Linguistics and Phonetics	84	34	0	118	61	18	0	79
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	20	12	0	32	22	6	0	28
			Literature total	520	150	1	671	577	91	0	668
			ARTS·HUMANITIES Total	1,467	350	2	1,819	1,655	232	1	1,888
261	L A W	Law	Basic Science of Law	24	0	0	24	40	3	0	43
262			Public Law	30	4	0	34	45	1	0	46
263			International Law	16	1	0	17	16	0	0	16
264			Civil Law	45	6	0	51	48	4	0	52
265			Social Law	20	1	0	21	18	0	0	18
266			Criminal Law	15	2	0	17	11	2	0	13
267			Politics	67	16	0	83	71	3	0	74
			LAW Total	217	30	0	247	249	13	0	262
271	E C O N O M I C S	Economics	General Theory of Economics	63	2	1	66	78	1	0	79
272			Economical Statistics	19	0	0	19	17	1	0	18
273			Economic Policy (inclu. Economic Condition)	59	10	0	69	89	1	1	91
274			Economic History	29	4	0	33	40	2	0	42
275			Public Finance, Money and Banking	26	1	0	27	36	0	0	36
276			Commercial Science	9	0	0	9	10	0	0	10
277			Business Administration	40	6	0	46	48	2	0	50
278			Accounting	31	2	0	33	25	0	0	25
			ECONOMICS Total	276	25	1	302	343	7	1	351
301	S C I E N C E	Mathematics	Algebra	78	0	0	78	80	3	0	83
302			Geometry	65	2	0	67	94	1	0	95
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	73	2	0	75	100	1	0	101
305			Basic Analysis	62	2	0	64	94	2	0	96
306			Larger-area Analysis	34	0	0	34	29	1	0	30
			Mathematics total	312	6	0	318	397	8	0	405
311		Astronomy	Astronomy	45	0	0	45	49	3	0	52
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	114	0	0	114	136	0	0	136

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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
211	A R T S · H U M A N I T I E S		Philosophy	23	0	0	23	0	0	0	0
212			Chinese Philosophy	3	0	0	3	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	3	0	0	3	0	0	0	0
214			Religion	1	1	0	2	0	0	0	0
215			Ethics	6	0	0	6	0	0	0	0
216			History of Philosophy	5	1	0	6	0	0	0	0
217			Aesthetics (inclu. Arts)	45	7	0	52	0	0	0	0
218			Art History	10	1	0	11	0	0	0	0
			Philosophy total	96	10	0	106	0	0	0	0
221			Experimental Psychology	16	2	0	18	0	0	0	0
222			Educational and Social	32	9	0	41	0	0	0	0
223			Sociology	23	3	0	26	0	0	0	0
224			Education	77	6	0	83	0	0	0	0
225			Cultural Anthropology (inclu. Ethnology and Folklore)	8	1	0	9	0	0	0	0
			Psychology·Sociology·Education Cultural Anthropology total	156	21	0	177	0	0	0	0
231			Japanese History	22	1	0	23	0	0	0	0
232			Oriental History	9	3	0	12	0	0	0	0
233			European History	11	1	0	12	0	0	0	0
234			Archaeology (inclu. Prehistory)	8	0	0	8	0	0	0	0
			History total	50	5	0	55	0	0	0	0
241			Japanese Language	12	1	0	13	0	0	0	0
242			Japanese Literature	21	2	0	23	0	0	0	0
243			Chinese Language and Literature	6	0	0	6	0	0	0	0
244			English Language and Literature	66	7	0	73	0	0	0	0
245			French Language and Literature	7	1	0	8	0	0	0	0
246			German Language and Literature	35	3	0	38	0	0	0	0
247			Other Foreign Languages and Literatures	14	2	0	16	0	0	0	0
248			Linguistics and Phonetics	14	3	0	17	0	0	0	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	5	0	0	5	0	0	0	0
			Literature total	180	19	0	199	0	0	0	0
			ARTS·HUMANITIES Total	482	55	0	537	0	0	0	0
261	L A W		Basic Science of Law	3	0	0	3	0	0	0	0
262			Public Law	9	0	0	9	0	0	0	0
263			International Law	3	0	0	3	0	0	0	0
264			Civil Law	15	1	0	16	0	0	0	0
265			Social Law	2	0	0	2	0	0	0	0
266			Criminal Law	2	0	0	2	0	0	0	0
267			Politics	9	0	0	9	1	0	0	1
			LAW Total	43	1	0	44	1	0	0	1
271	E C O N O M I C S		General Theory of Economics	18	0	0	18	0	0	0	0
272			Economical Statistics	3	0	0	3	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	20	0	0	20	0	0	0	0
274			Economic History	9	0	0	9	0	0	0	0
275			Public Finance, Money and Banking	6	0	0	6	0	0	0	0
276			Commercial Science	5	0	0	5	0	0	0	0
277			Business Administration	10	1	1	12	0	0	0	0
278			Accounting	8	0	0	8	0	0	0	0
			ECONOMICS Total	79	1	1	81	0	0	0	0
301	S C I E N C E		Algebra	24	0	0	24	0	0	0	0
302			Geometry	23	0	0	23	1	0	0	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	29	0	0	29	0	0	0	0
305			Basic Analysis	22	3	0	25	0	0	0	0
306			Larger-area Analysis	9	1	0	10	0	0	0	0
			Mathematics total	107	4	0	111	1	0	0	1
311			Astronomy	15	0	0	15	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	62	0	0	62	0	0	0	0

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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	3	2	0	5	207	15	0	222
212			Chinese Philosophy	0	0	1	1	65	2	1	68
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	42	1	0	43
214			Religion	0	1	0	1	37	10	0	47
215			Ethics	0	0	0	0	62	13	1	76
216			History of Philosophy	1	1	0	2	70	13	0	83
217			Aesthetics (inclu. Arts)	0	2	1	3	338	89	1	428
218			Art History	0	0	1	1	107	34	1	142
			Philosophy total	4	6	3	13	928	177	4	1,109
221			Experimental Psychology	3	0	0	3	209	42	0	251
222			Educational and Social	1	5	4	10	461	189	6	656
223			Sociology	2	1	2	5	284	93	3	380
224			Education	2	1	0	3	651	192	2	845
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	0	0	1	143	56	1	200
			Psychology·Sociology·Education Cultural Anthropology total	9	7	6	22	1,748	572	12	2,332
231			Japanese History	2	0	0	2	222	33	1	256
232			Oriental History	0	0	0	0	134	27	1	162
233			European History	1	0	0	1	141	39	0	180
234			Archaeology (inclu. Prehistory)	1	0	0	1	93	17	0	110
			History total	4	0	0	4	590	116	2	708
241			Japanese Language	2	1	0	3	115	35	0	150
242			Japanese Literature	1	1	2	4	206	71	2	279
243			Chinese Language and Literature	0	0	0	0	111	32	0	143
244			English Language and Literature	2	5	0	7	472	151	1	624
245			French Language and Literature	0	0	0	0	103	23	0	126
246			German Language and Literature	2	0	1	3	214	25	1	240
247			Other Foreign Languages and Literatures	0	0	0	0	103	41	0	144
248			Linguistics and Phonetics	2	3	2	7	235	113	4	352
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	0	1	2	59	45	1	105
			Literature total	10	10	6	26	1,618	536	9	2,163
			ARTS·HUMANITIES Total	27	23	15	65	4,884	1,401	27	6,312
261	L A W		Basic Science of Law	1	0	0	1	89	10	0	99
262			Public Law	1	0	0	1	118	14	0	132
263			International Law	1	0	0	1	50	7	0	57
264			Civil Law	2	0	0	2	171	27	0	198
265			Social Law	0	0	0	0	51	9	0	60
266			Criminal Law	0	0	0	0	45	8	0	53
267			Politics	2	1	1	4	241	55	1	297
			LAW Total	7	1	1	9	765	130	1	896
271	E C O N O M I C S		General Theory of Economics	0	0	0	0	281	17	2	300
272			Economical Statistics	0	0	0	0	57	4	0	61
273			Economic Policy (inclu. Economic Condition)	2	0	0	2	241	25	1	267
274			Economic History	0	0	0	0	97	13	0	110
275			Public Finance, Money and Banking	0	0	0	0	100	3	0	103
276			Commercial Science	0	0	0	0	42	3	1	46
277			Business Administration	0	1	1	2	156	19	2	177
278			Accounting	0	0	0	0	100	8	0	108
			ECONOMICS Total	2	1	1	4	1,074	92	6	1,172
301	S C I E N C E		Algebra	2	0	1	3	280	6	1	287
302			Geometry	6	0	0	6	271	8	0	279
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	4	0	0	4	304	11	2	317
305			Basic Analysis	3	0	0	3	246	12	0	258
306			Larger-area Analysis	2	0	0	2	123	8	0	131
			Mathematics total	17	0	1	18	1,224	45	3	1,272
311			Astronomy	2	0	0	2	179	9	0	188
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	6	0	0	6	530	16	0	546

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				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)	27	0	0	27	76	2	0	78
323			Solid-State Physics II (Magnetism, Metal Physics,	45	4	0	49	85	1	0	86
324			Physical Properties in General (inclu. Basic Theories)	27	2	0	29	50	3	0	53
325			Physics in General	22	2	0	24	55	3	0	58
			Physics total	209	20	0	229	390	13	0	403
331			Physics of Solid Earth	32	8	0	40	55	6	0	61
332			Meteorology, Oceanography and Hydrology	32	7	0	39	53	4	0	57
333			Aeronomy	16	3	0	19	16	0	0	16
334			Geology	14	1	0	15	27	3	0	30
335			Stratigraphy and Paleontology	8	6	0	14	8	2	0	10
336			Mineralogy, Petrology and Study of Mineral Deposit	16	4	0	20	37	2	0	39
337			Geochemistry	21	5	0	26	35	2	0	37
			Earth Science total	139	34	0	173	231	19	0	250
341			Physical Chemistry	73	10	0	83	116	8	0	124
342			Organic Chemistry	49	5	0	54	85	9	2	96
343			Inorganic Chemistry	36	9	0	45	60	6	0	66
344			Function, Properties and Materials in Chemistry	28	5	0	33	68	4	0	72
345			Substance Transformation	2	0	0	2	10	2	0	12
346			Separation, Refining and Identification	16	3	0	19	28	4	0	32
			Chemistry total	204	32	0	236	367	33	2	402
351			Genetics	46	13	0	59	49	11	1	61
352			Ecology	46	28	0	74	84	14	1	99
353			Plant Physiology	33	16	0	49	52	7	0	59
354			Morphology, Structure of Organism	30	4	0	34	24	1	0	25
355			Animal Physiology and	28	6	1	35	18	2	0	20
356			Morphology and Taxonomy	13	7	0	20	37	4	0	41
			Biology total	196	74	1	271	264	39	2	305
361			Physical Anthropology (inclu. Physiological Anthropology)	7	5	0	12	13	4	0	17
	SCIENCE Total			888	178	1	1,067	1,590	128	6	1,724
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	21	4	0	25	54	3	0	57
402			Surface Physics	25	1	0	26	34	3	0	37
403			Applied Optics and Quantum Optics	39	0	0	39	49	2	0	51
404			General Applied Physics	13	1	0	14	21	1	0	22
405			Fundamentals of Engineering	9	0	0	9	28	1	0	29
			Applied Physics-Fundamentals of Engineering total	107	6	0	113	186	10	0	196
411			Materials for Machines and Strength of Materials	26	3	0	29	85	3	0	88
412			Workshop Processes and Production Engineering	16	0	0	16	51	1	0	52
413			Design Engineering, Machine Elements and Tribology	12	1	0	13	45	2	0	47
414			Fluid Mechanics	35	3	0	38	105	2	1	108
415			Heat Engineering	27	1	1	29	78	1	0	79
416			Mechanics and Control Engineering	30	1	0	31	74	1	0	75
417			Intelligent Mechanics and Machine System	51	2	0	53	106	5	0	111
			Machine Engineering total	197	11	1	209	544	15	1	560
421			Electric Power Engineering and Electric Machinery	38	1	0	39	68	2	0	70
422			Electronic and Electric Materials Engineering	48	4	0	52	94	4	0	98
423			Electron Devices and Apparatus Engineering	50	0	0	50	84	2	0	86
424			Information and Communication Engineering	104	6	0	110	204	11	2	217

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				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)	59	1	0	60	79	1	1	81
323			Solid-State Physics II (Magnetism, Metal Physics,	59	1	0	60	95	2	0	97
324			Physical Properties in General (inclu. Basic Theories)	47	3	0	50	58	0	0	58
325			Physics in General	61	4	0	65	52	2	0	54
			Physics total	340	9	0	349	420	5	1	426
331			Physics of Solid Earth	41	0	0	41	49	1	0	50
332			Meteorology, Oceanography and Hydrology	48	3	0	51	75	0	0	75
333			Aeronomy	10	0	0	10	17	0	0	17
334			Geology	30	0	0	30	47	0	0	47
335			Stratigraphy and Paleontology	24	1	0	25	18	1	0	19
336			Mineralogy, Petrology and Study of Mineral Deposit	42	0	0	42	53	1	0	54
337			Geochemistry	21	1	0	22	28	0	0	28
			Earth Science total	216	5	0	221	287	3	0	290
341			Physical Chemistry	89	6	0	95	103	2	0	105
342			Organic Chemistry	75	3	0	78	78	7	0	85
343			Inorganic Chemistry	36	2	0	38	61	2	0	63
344			Function, Properties and Materials in Chemistry	33	1	0	34	41	4	0	45
345			Substance Transformation	9	1	0	10	4	0	0	4
346			Separation, Refining and Identification	24	4	0	28	31	6	0	37
			Chemistry total	266	17	0	283	318	21	0	339
351			Genetics	38	4	0	42	30	3	0	33
352			Ecology	62	1	0	63	77	4	0	81
353			Plant Physiology	37	2	0	39	34	5	0	39
354			Morphology, Structure of Organism	15	0	0	15	33	2	0	35
355			Animal Physiology and	26	3	0	29	33	3	0	36
356			Morphology and Taxonomy	38	1	0	39	51	2	0	53
			Biology total	216	11	0	227	258	19	0	277
361			Physical Anthropology (inclu. Physiological Anthropology)	14	0	0	14	9	2	0	11
	SCIENCE Total			1,409	48	0	1,457	1,738	61	1	1,800
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	37	2	0	39	45	0	0	45
402			Surface Physics	28	0	1	29	24	0	0	24
403			Applied Optics and Quantum Optics	35	0	0	35	42	0	0	42
404			General Applied Physics	28	1	0	29	34	0	0	34
405			Fundamentals of Engineering	20	1	0	21	12	0	0	12
			Applied Physics-Fundamentals of Engineering total	148	4	1	153	157	0	0	157
411			Materials for Machines and Strength of Materials	64	0	0	64	95	2	0	97
412			Workshop Processes and Production Engineering	44	0	0	44	99	0	0	99
413			Design Engineering, Machine Elements and Tribology	38	0	0	38	53	0	0	53
414			Fluid Mechanics	58	0	1	59	94	1	0	95
415			Heat Engineering	69	1	0	70	103	2	0	105
416			Mechanics and Control Engineering	55	1	0	56	50	1	0	51
417			Intelligent Mechanics and Machine System	47	3	0	50	56	0	0	56
			Machine Engineering total	375	5	1	381	550	6	0	556
421			Electric Power Engineering and Electric Machinery	59	0	0	59	98	0	0	98
422			Electronic and Electric Materials Engineering	60	1	0	61	73	1	0	74
423			Electron Devices and Apparatus Engineering	70	0	0	70	86	1	0	87
424			Information and Communication Engineering	112	2	0	114	153	0	1	154

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

Code	Subject	Subdivision	Item	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)	30	0	0	30	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	35	1	0	36	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	22	0	0	22	0	0	0	0
325			Physics in General	27	1	0	28	0	0	0	0
			Physics total	176	2	0	178	0	0	0	0
331			Physics of Solid Earth	17	0	0	17	0	0	0	0
332			Meteorology, Oceanography and Hydrology	27	0	0	27	0	0	0	0
333			Aeronomy	6	0	0	6	0	0	0	0
334			Geology	13	0	0	13	0	0	0	0
335			Stratigraphy and Paleontology	7	0	0	7	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	12	1	0	13	0	0	0	0
337			Geochemistry	7	0	0	7	0	0	0	0
			Earth Science total	89	1	0	90	0	0	0	0
341			Physical Chemistry	41	2	0	43	0	0	0	0
342			Organic Chemistry	42	0	0	42	0	0	0	0
343			Inorganic Chemistry	18	0	0	18	0	0	0	0
344			Function, Properties and Materials in Chemistry	16	0	0	16	0	0	0	0
345			Substance Transformation	3	0	0	3	0	0	0	0
346			Separation, Refining and Identification	13	1	0	14	0	0	0	0
			Chemistry total	133	3	0	136	0	0	0	0
351			Genetics	10	0	0	10	0	0	0	0
352			Ecology	20	2	0	22	0	0	0	0
353			Plant Physiology	16	1	0	17	0	0	0	0
354			Morphology, Structure of Organism	5	0	0	5	0	0	0	0
355			Animal Physiology and	10	0	0	10	1	0	0	1
356			Morphology and Taxonomy	17	0	0	17	0	0	0	0
			Biology total	78	3	0	81	1	0	0	1
361			Physical Anthropology (inclu. Physiological Anthropology)	5	0	0	5	0	0	0	0
	SCIENCE Total			603	13	0	616	2	0	0	2
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	14	0	0	14	0	0	0	0
402			Surface Physics	12	1	0	13	0	0	0	0
403			Applied Optics and Quantum Optics	20	0	0	20	0	0	0	0
404			General Applied Physics	13	0	0	13	0	0	0	0
405			Fundamentals of Engineering	3	0	0	3	0	0	0	0
			Applied Physics-Fundamentals of Engineering total	62	1	0	63	0	0	0	0
411			Materials for Machines and Strength of Materials	39	0	0	39	0	0	0	0
412			Workshop Processes and Production Engineering	17	0	0	17	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	12	0	0	12	0	0	0	0
414			Fluid Mechanics	26	0	0	26	0	0	0	0
415			Heat Engineering	34	0	0	34	0	0	0	0
416			Mechanics and Control Engineering	28	0	0	28	0	0	0	0
417			Intelligent Mechanics and Machine System	18	0	0	18	0	0	0	0
			Machine Engineering total	174	0	0	174	0	0	0	0
421			Electric Power Engineering and Electric Machinery	31	0	0	31	0	0	0	0
422			Electronic and Electric Materials Engineering	36	0	0	36	0	0	0	0
423			Electron Devices and Apparatus Engineering	25	0	0	25	0	0	0	0
424			Information and Communication Engineering	45	1	0	46	0	0	0	0

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	275	4	1	280
323			Solid-State Physics II (Magnetism, Metal Physics,	6	1	0	7	325	10	0	335
324			Physical Properties in General (inclu. Basic Theories)	5	0	0	5	209	8	0	217
325			Physics in General	3	0	1	4	220	12	1	233
			Physics total	24	1	1	26	1,559	50	2	1,611
331			Physics of Solid Earth	2	0	1	3	196	15	1	212
332			Meteorology, Oceanography and Hydrology	1	0	2	3	236	14	2	252
333			Aeronomy	0	0	0	0	65	3	0	68
334			Geology	0	0	1	1	131	4	1	136
335			Stratigraphy and Paleontology	0	0	0	0	65	10	0	75
336			Mineralogy, Petrology and Study of Mineral Deposit	4	0	0	4	164	8	0	172
337			Geochemistry	0	0	0	0	112	8	0	120
			Earth Science total	7	0	4	11	969	62	4	1,035
341			Physical Chemistry	4	0	1	5	426	28	1	455
342			Organic Chemistry	2	0	1	3	331	24	3	358
343			Inorganic Chemistry	5	0	0	5	216	19	0	235
344			Function, Properties and Materials in Chemistry	0	1	1	2	186	15	1	202
345			Substance Transformation	0	0	0	0	28	3	0	31
346			Separation, Refining and Identification	5	1	0	6	117	19	0	136
			Chemistry total	16	2	3	21	1,304	108	5	1,417
351			Genetics	2	0	0	2	175	31	1	207
352			Ecology	2	0	1	3	291	49	2	342
353			Plant Physiology	3	1	0	4	175	32	0	207
354			Morphology, Structure of Organism	1	0	0	1	108	7	0	115
355			Animal Physiology and	0	0	0	0	116	14	1	131
356			Morphology and Taxonomy	0	1	1	2	156	15	1	172
			Biology total	8	2	2	12	1,021	148	5	1,174
361			Physical Anthropology (inclu. Physiological Anthropology)	1	0	0	1	49	11	0	60
	SCIENCE Total			75	5	11	91	6,305	433	19	6,757
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	4	0	0	4	175	9	0	184
402			Surface Physics	5	0	0	5	128	5	1	134
403			Applied Optics and Quantum Optics	4	0	1	5	189	2	1	192
404			General Applied Physics	0	0	0	0	109	3	0	112
405			Fundamentals of Engineering	1	0	0	1	73	2	0	75
			Applied Physics-Fundamentals of Engineering total	14	0	1	15	674	21	2	697
411			Materials for Machines and Strength of Materials	9	0	0	9	318	8	0	326
412			Workshop Processes and Production Engineering	4	0	0	4	231	1	0	232
413			Design Engineering, Machine Elements and Tribology	3	0	0	3	163	3	0	166
414			Fluid Mechanics	3	0	0	3	321	6	2	329
415			Heat Engineering	2	0	1	3	313	5	2	320
416			Mechanics and Control Engineering	4	0	1	5	241	4	1	246
417			Intelligent Mechanics and Machine System	4	1	0	5	282	11	0	293
			Machine Engineering total	29	1	2	32	1,869	38	5	1,912
421			Electric Power Engineering and Electric Machinery	3	0	1	4	297	3	1	301
422			Electronic and Electric Materials Engineering	6	0	2	8	317	10	2	329
423			Electron Devices and Apparatus Engineering	5	0	0	5	320	3	0	323
424			Information and Communication Engineering	9	0	0	9	627	20	3	650

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	19	2	0	21	39	7	0	46
427			Electronic Measurements	30	1	0	31	79	2	0	81
428			Control Engineering	36	2	0	38	89	3	0	92
			Electric and Electronic Engineering	325	16	0	341	657	31	2	690
431			Construction Materials and Dynamics in General Civil Engineering	14	1	0	15	29	1	0	30
432			Structural Engineering and Seismology	25	2	0	27	49	0	0	49
433			Ground Engineering	21	1	0	22	58	2	0	60
434			Hydraulics and River Engineering	18	4	0	22	54	1	0	55
435			Traffic Engineering and Regional Planning	18	1	0	19	46	3	0	49
436			Civil Environmental System	19	7	0	26	48	5	0	53
			Civil Engineering total	115	16	0	131	284	12	0	296
441		G	Building Structure and Materials	32	3	0	35	42	2	0	44
442			Building Science and Building Equipment	15	3	0	18	31	4	0	35
443			City Planning and Building Planning	40	13	0	53	66	18	0	84
444			Architectural History and Design	18	6	0	24	35	8	0	43
			Architecture total	105	25	0	130	174	32	0	206
451		R	Physical Metallurgy	19	0	0	19	45	2	0	47
452			Inorganic Materials and	41	4	1	46	78	4	0	82
453			Composed Materials and Properties	12	1	0	13	18	5	0	23
454			Structural and Functional Materials	37	2	0	39	48	4	0	52
455		I	Metallurgy and Material	16	1	0	17	50	4	0	54
456			Metal Productive Engineering	6	1	0	7	26	1	0	27
			Material Engineering total	131	9	1	141	265	20	0	285
461		G	Chemical Engineering in General	24	1	0	25	53	1	0	54
462			Reaction and Separation Engineering	20	0	0	20	29	3	0	32
463			Catalyst and Chemical Process	9	2	0	11	29	2	0	31
464			Bioengineering	40	3	0	43	62	6	0	68
465			Industrial Analytical Chemistry	11	0	0	11	15	2	0	17
			Process Engineering total	104	6	0	110	188	14	0	202
471			Industrial Physical Chemistry	19	0	0	19	36	1	0	37
472			Industrial Inorganic Chemistry	9	0	0	9	18	0	0	18
473			Industrial Organic Chemistry	4	0	0	4	12	1	0	13
474			Synthetic Chemistry	41	6	1	48	53	0	0	53
475			Polymer Synthesis	35	3	0	38	42	5	0	47
476			Polymer Structure and Property (inclu. Fiber)	25	3	0	28	36	8	0	44
			Industrial Chemistry total	133	12	1	146	197	15	0	212
481			Aeronautics	18	1	0	19	26	1	0	27
482			Ship Engineering	5	2	0	7	19	0	0	19
483			Marine Engineering	4	0	0	4	9	1	0	10
484			Resource Development Engineering	6	1	0	7	32	0	0	32
			Synthetic Engineering total	33	4	0	37	86	2	0	88
			ENGINEERING Total	1,250	105	3	1,358	2,581	151	3	2,735
501	A G R I C U L T U R E		Plant Breeding	12	7	0	19	24	1	0	25
502			Crop Science	8	1	0	9	22	1	0	23
503			Horticulture and Landscape Architecture	12	3	0	15	50	5	0	55
504			Plant Protection	14	9	0	23	33	4	0	37
505			Sericultural Science and Economic Entomology	4	3	0	7	8	3	0	11
			Agriculture total	50	23	0	73	137	14	0	151
511			Plant Fertilizer and Manure and Soil Science	13	4	0	17	28	3	0	31
512			Applied Microbiochemistry and Applied Biochemistry	49	22	0	71	69	11	0	80
513			Biological Productive Chemistry and Bioorganic Chemistry	16	3	0	19	20	2	0	22
514			Food Science and Nutritional Chemistry	24	13	0	37	47	14	0	61

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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		System Engineering	31	1	0	32	30	0	0	30
427			Electronic Measurements	58	0	0	58	51	2	0	53
428			Control Engineering	53	0	0	53	55	2	0	57
			Electric and Electronic Engineering	443	4	0	447	546	6	1	553
431			Construction Materials and Dynamics in General Civil Engineering	31	0	0	31	36	0	0	36
432			Structural Engineering and Seismology	40	1	0	41	48	0	0	48
433			Ground Engineering	46	0	0	46	59	0	0	59
434			Hydraulics and River Engineering	56	0	0	56	62	0	0	62
435			Traffic Engineering and Regional Planning	37	0	0	37	32	0	0	32
436			Civil Environmental System	34	1	0	35	39	1	0	40
			Civil Engineering total	244	2	0	246	276	1	0	277
441		N	Building Structure and Materials	45	0	0	45	80	0	0	80
442			Building Science and Building Equipment	17	1	0	18	28	0	0	28
443			City Planning and Building Planning	57	7	0	64	62	5	0	67
444			Architectural History and Design	29	2	0	31	34	1	0	35
			Architecture total	148	10	0	158	204	6	0	210
451		N	Physical Metallurgy	28	1	0	29	40	0	0	40
452			Inorganic Materials and	46	0	0	46	60	0	0	60
453			Composed Materials and Properties	11	0	0	11	19	2	0	21
454			Structural and Functional Materials	36	1	0	37	42	0	0	42
455		R	Metallurgy and Material	32	1	0	33	78	0	0	78
456			Metal Productive Engineering	18	0	0	18	34	0	0	34
			Material Engineering total	171	3	0	174	273	2	0	275
461		G	Chemical Engineering in General	33	1	0	34	55	0	0	55
462			Reaction and Separation Engineering	24	0	0	24	26	0	0	26
463			Catalyst and Chemical Process	25	0	0	25	23	0	0	23
464			Bioengineering	35	1	0	36	25	2	0	27
465			Industrial Analytical Chemistry	15	0	0	15	27	4	0	31
			Process Engineering total	132	2	0	134	156	6	0	162
471			Industrial Physical Chemistry	38	3	0	41	39	2	0	41
472			Industrial Inorganic Chemistry	10	0	0	10	19	1	0	20
473			Industrial Organic Chemistry	11	0	0	11	27	1	0	28
474			Synthetic Chemistry	42	0	0	42	50	2	0	52
475			Polymer Synthesis	22	3	0	25	37	0	0	37
476			Polymer Structure and Property (inclu. Fiber)	39	0	0	39	38	2	0	40
			Industrial Chemistry total	162	6	0	168	210	8	0	218
481			Aeronautics	18	1	0	19	29	0	0	29
482			Ship Engineering	22	1	0	23	30	0	0	30
483			Marine Engineering	9	1	0	10	7	0	0	7
484			Resource Development Engineering	12	2	0	14	27	0	0	27
			Synthetic Engineering total	61	5	0	66	93	0	0	93
			ENGINEERING Total	1,884	41	2	1,927	2,465	35	1	2,501
501	A G R I C U L T U R E		Plant Breeding	23	1	0	24	22	3	0	25
502			Crop Science	21	1	0	22	23	2	0	25
503			Horticulture and Landscape Architecture	31	2	0	33	55	1	0	56
504			Plant Protection	30	0	0	30	36	0	0	36
505			Sericultural Science and Economic Entomology	9	0	0	9	10	0	0	10
			Agriculture total	114	4	0	118	146	6	0	152
511			Plant Fertilizer and Manure and Soil Science	29	2	0	31	40	0	0	40
512			Applied Microbiochemistry and Applied Biochemistry	60	2	0	62	64	5	1	70
513			Biological Productive Chemistry and Bioorganic Chemistry	22	1	0	23	26	0	0	26
514			Food Science and Nutritional Chemistry	46	9	0	55	43	10	0	53

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	10	0	0	10	0	0	0	0
427			Electronic Measurements	28	0	0	28	0	0	0	0
428			Control Engineering	16	0	0	16	0	0	0	0
			Electric and Electronic Engineering	191	1	0	192	0	0	0	0
431			Construction Materials and Dynamics in General Civil Engineering	5	1	0	6	0	0	0	0
432			Structural Engineering and Seismology	12	0	0	12	0	0	0	0
433			Ground Engineering	18	0	0	18	0	0	0	0
434			Hydraulics and River Engineering	10	0	0	10	0	0	0	0
435			Traffic Engineering and Regional Planning	7	0	0	7	0	0	0	0
436			Civil Environmental System	11	0	0	11	0	0	0	0
			Civil Engineering total	63	1	0	64	0	0	0	0
441		G	Building Structure and Materials	19	0	0	19	0	0	0	0
442			Building Science and Building Equipment	6	0	0	6	0	0	0	0
443			City Planning and Building Planning	17	1	0	18	0	0	0	0
444			Architectural History and Design	4	0	0	4	0	0	0	0
			Architecture total	46	1	0	47	0	0	0	0
451		M E T A L L U R G Y	Physical Metallurgy	15	0	0	15	0	0	0	0
452			Inorganic Materials and	22	1	0	23	0	0	0	0
453			Composed Materials and Properties	10	0	0	10	1	0	0	1
454			Structural and Functional Materials	18	0	0	18	0	0	0	0
455		R	Metallurgy and Material	17	0	0	17	0	0	0	0
456			Metal Productive Engineering	13	0	0	13	0	0	0	0
			Material Engineering total	95	1	0	96	1	0	0	1
461		C H E M I C A L E N G I N E E R I N G	Chemical Engineering in General	13	0	0	13	0	0	0	0
462			Reaction and Separation Engineering	15	0	0	15	0	0	0	0
463			Catalyst and Chemical Process	13	1	0	14	0	0	0	0
464			Bioengineering	9	0	0	9	0	0	0	0
465			Industrial Analytical Chemistry	11	0	0	11	0	0	0	0
			Process Engineering total	61	1	0	62	0	0	0	0
471		I N D U S T R I A L C H E M I S T R Y	Industrial Physical Chemistry	21	2	0	23	0	0	0	0
472			Industrial Inorganic Chemistry	8	0	0	8	0	0	0	0
473			Industrial Organic Chemistry	11	0	0	11	0	0	0	0
474			Synthetic Chemistry	16	0	0	16	0	0	0	0
475			Polymer Synthesis	20	1	0	21	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	19	0	0	19	0	0	0	0
			Industrial Chemistry total	95	3	0	98	0	0	0	0
481		S Y N T H E T I C E N G I N E E R I N G	Aeronautics	10	0	0	10	0	0	0	0
482			Ship Engineering	13	0	0	13	0	0	0	0
483			Marine Engineering	4	0	0	4	0	0	0	0
484			Resource Development Engineering	8	0	0	8	0	0	0	0
			Synthetic Engineering total	35	0	0	35	0	0	0	0
			ENGINEERING Total	822	9	0	831	1	0	0	1
501	A G R I C U L T U R E		Plant Breeding	5	0	0	5	0	0	0	0
502			Crop Science	5	0	0	5	0	0	0	0
503			Horticulture and Landscape Architecture	24	1	0	25	0	0	0	0
504			Plant Protection	22	1	0	23	0	0	0	0
505			Sericultural Science and Economic Entomology	3	0	0	3	0	0	0	0
			Agriculture total	59	2	0	61	0	0	0	0
511			Plant Fertilizer and Manure and Soil Science	5	0	0	5	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	29	1	0	30	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	9	0	0	9	0	0	0	0
514			Food Science and Nutritional Chemistry	17	0	0	17	0	0	0	0

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
425	E		System Engineering	1	0	1	2	130	10	1	141
427			Electronic Measurements	1	0	0	1	247	5	0	252
428			Control Engineering	7	0	0	7	256	7	0	263
			Electric and Electronic Engineering	32	0	4	36	2,194	58	7	2,259
431			Construction Materials and Dynamics in General Civil Engineering	2	0	0	2	117	3	0	120
432			Structural Engineering and Seismology	2	0	1	3	176	3	1	180
433			Ground Engineering	4	0	2	6	206	3	2	211
434			Hydraulics and River Engineering	4	0	0	4	204	5	0	209
435			Traffic Engineering and Regional Planning	1	0	0	1	141	4	0	145
436			Civil Environmental System	0	0	1	1	151	14	1	166
			Civil Engineering total	13	0	4	17	995	32	4	1,031
441		N	Building Structure and Materials	6	1	1	8	224	6	1	231
442			Building Science and Building Equipment	2	1	1	4	99	9	1	109
443			City Planning and Building Planning	3	0	0	3	245	44	0	289
444			Architectural History and Design	3	0	1	4	123	17	1	141
			Architecture total	14	2	3	19	691	76	3	770
451	E	N	Physical Metallurgy	8	0	2	10	155	3	2	160
452			Inorganic Materials and	15	0	0	15	262	9	1	272
453			Composed Materials and Properties	4	0	0	4	75	8	0	83
454		E	Structural and Functional Materials	1	1	0	2	182	8	0	190
455			Metallurgy and Material	1	0	1	2	194	6	1	201
456			Metal Productive Engineering	1	0	0	1	98	2	0	100
			Material Engineering total	30	1	3	34	966	36	4	1,006
461		N	Chemical Engineering in General	4	0	0	4	182	3	0	185
462			Reaction and Separation Engineering	1	0	0	1	115	3	0	118
463			Catalyst and Chemical Process	0	0	0	0	99	5	0	104
464			Bioengineering	0	0	0	0	171	12	0	183
465			Industrial Analytical Chemistry	0	0	0	0	79	6	0	85
			Process Engineering total	5	0	0	5	646	29	0	675
471			Industrial Physical Chemistry	2	0	0	2	155	8	0	163
472			Industrial Inorganic Chemistry	4	0	0	4	68	1	0	69
473			Industrial Organic Chemistry	0	0	0	0	65	2	0	67
474			Synthetic Chemistry	1	0	1	2	203	8	2	213
475			Polymer Synthesis	7	0	1	8	163	12	1	176
476			Polymer Structure and Property (inclu. Fiber)	5	1	0	6	162	14	0	176
			Industrial Chemistry total	19	1	2	22	816	45	3	864
481	E		Aeronautics	2	0	0	2	103	3	0	106
482			Ship Engineering	0	0	0	0	89	3	0	92
483			Marine Engineering	0	0	0	0	33	2	0	35
484			Resource Development Engineering	0	0	0	0	85	3	0	88
			Synthetic Engineering total	2	0	0	2	310	11	0	321
			ENGINEERING Total	158	5	19	182	9,161	346	28	9,535
501	A	G	Plant Breeding	0	0	0	0	86	12	0	98
502			Crop Science	0	0	0	0	79	5	0	84
503			Horticulture and Landscape Architecture	0	1	1	2	172	13	1	186
504			Plant Protection	0	0	0	0	135	14	0	149
505			Sericultural Science and Economic Entomology	0	0	0	0	34	6	0	40
			Agriculture total	0	1	1	2	506	50	1	557
511			Plant Fertilizer and Manure and Soil Science	1	0	0	1	116	9	0	125
512			Applied Microbiochemistry and Applied Biochemistry	2	0	0	2	273	41	1	315
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	93	6	0	99
514			Food Science and Nutritional Chemistry	0	0	0	0	177	46	0	223

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	102	42	0	144	164	30	0	194
521			Forestry	26	13	1	40	52	7	0	59
522	G		Wood Science	21	10	0	31	39	7	0	46
			Forestry total	47	23	1	71	91	14	0	105
531	R		Fisheries in General	41	3	0	44	56	7	0	63
532			Fisheries Chemistry	8	0	0	8	22	4	0	26
			Fisheries total	49	3	0	52	78	11	0	89
541	I		Agricultural Economics	17	4	0	21	31	7	0	38
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	11	1	0	12	33	4	0	37
552	U		Agricultural Machinery	7	1	0	8	26	2	0	28
553	L		Biological Environment	4	2	0	6	10	2	0	12
			Agricultural Engineering total	22	4	0	26	69	8	0	77
561	T		Animal Science and Grassland Science	3	2	0	5	24	2	0	26
562	U		Applied Animal Science	13	5	0	18	26	6	1	33
563	R		Basic Veterinary Medicine and Basic Animal Science	12	5	0	17	34	9	0	43
564			Applied Veterinary Medicine	11	9	0	20	38	6	0	44
	E		Animal Science·Veterinary Medicine total	39	21	0	60	122	23	1	146
571			Biological Resource Science	5	2	0	7	9	1	0	10
572			Applied Molecular Cell Biology	9	6	0	15	23	3	0	26
			Interdisciplinary Agricultural Science total	14	8	0	22	32	4	0	36
			AGRICULTURE Total	340	128	1	469	724	111	1	836
601			Anatomy in General (inclu. Histology, Embryology)	14	7	0	21	35	12	0	47
602			Physiology in General	15	5	0	20	59	15	0	74
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	6	3	0	9	10	1	0	11
604			Pharmacology in General	11	2	0	13	30	6	0	36
605			Medical Chemistry in General	11	14	0	25	50	10	0	60
606			Pathological Medical Chemistry	9	7	0	16	21	8	0	29
	M		Physiology total	66	38	0	104	205	52	0	257
611			Hominal Pathology	4	4	0	8	51	13	0	64
612	E		Experimental Pathology	10	7	0	17	45	12	0	57
613	D		Parasitology (inclu. Medical Zoology)	0	4	0	4	10	2	0	12
614			Bacteriology (inclu. Eumycetes)	8	5	0	13	27	12	0	39
615	I		Virology	13	4	0	17	38	10	0	48
616			Immunology	21	9	0	30	57	10	0	67
	C		Pathology total	56	33	0	89	228	59	0	287
621			Hygiene	5	6	0	11	20	3	0	23
622	I		Public Health and Health Science	12	10	0	22	61	37	0	98
623			Legal Medicine	4	4	0	8	18	8	0	26
	N		Social Medicine total	21	20	0	41	99	48	0	147
631			Internal Medicine in General	8	5	0	13	49	7	0	56
632	E		Gastroenterology	9	1	0	10	102	10	0	112
633			Internal Medicine Respiratory System	4	1	0	5	34	3	0	37
634			Neurological Medicine	8	1	0	9	35	8	1	44
635			Cardioangiology	14	2	0	16	86	9	1	96
636			Pediatrics	5	5	1	11	60	25	0	85
637			Dermatology	8	13	0	21	63	21	0	84
638			Radiology	10	6	0	16	121	13	0	134
639			Neuropsychiatry	7	3	0	10	74	17	0	91
641			Hematology	4	2	1	7	49	21	0	70
642			Internal Medicine of Kidney	7	0	0	7	26	9	0	35
643			Embryology and Newborn	2	0	0	2	4	2	0	6
644			Endocrinology	4	2	1	7	31	2	0	33
645			Metabolic Science	15	6	0	21	20	10	1	31
			Internal Medicine total	105	47	3	155	754	157	3	914
651			Surgery in General	7	0	0	7	68	3	0	71
652			Gastroenterological Surgery	10	1	0	11	91	2	0	93
653			Thoracic Surgery	4	0	0	4	41	2	0	43

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	157	14	0	171	173	15	1	189
521			Forestry	53	2	0	55	76	1	0	77
522		G	Wood Science	24	3	0	27	42	0	0	42
			Forestry total	77	5	0	82	118	1	0	119
531		R	Fisheries in General	56	1	0	57	66	1	0	67
532			Fisheries Chemistry	18	0	0	18	23	3	0	26
		I	Fisheries total	74	1	0	75	89	4	0	93
541			Agricultural Economics	42	1	1	44	56	0	0	56
551		C	Irrigation, Drainage and Reclamation Engineering and Rural Planning	25	0	0	25	48	0	0	48
552		U	Agricultural Machinery	15	0	0	15	32	0	0	32
553		L	Biological Environment	11	1	0	12	16	0	0	16
			Agricultural Engineering total	51	1	0	52	96	0	0	96
561		T	Animal Science and Grassland Science	19	1	0	20	38	1	0	39
562		U	Applied Animal Science	27	0	0	27	26	1	0	27
563		R	Basic Veterinary Medicine and Basic Animal Science	30	1	0	31	35	0	0	35
564			Applied Veterinary Medicine	20	2	0	22	29	0	0	29
		E	Animal Science-Veterinary Medicine total	96	4	0	100	128	2	0	130
571			Biological Resource Science	16	0	0	16	18	1	0	19
572			Applied Molecular Cell Biology	10	0	0	10	7	0	0	7
			Interdisciplinary Agricultural Science total	26	0	0	26	25	1	0	26
			AGRICULTURE Total	637	30	1	668	831	29	1	861
601			Anatomy in General (inclu. Histology, Embryology)	38	5	0	43	44	9	0	53
602			Physiology in General	55	7	0	62	40	5	0	45
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	26	4	1	31	25	4	0	29
604			Pharmacology in General	38	2	0	40	28	3	0	31
605			Medical Chemistry in General	39	5	0	44	34	1	0	35
606			Pathological Medical Chemistry	30	2	0	32	17	2	0	19
		M	Physiology total	226	25	1	252	188	24	0	212
611			Hominal Pathology	55	6	0	61	44	1	0	45
612		E	Experimental Pathology	37	6	0	43	21	1	0	22
613		D	Parasitology (inclu. Medical Zoology)	18	5	0	23	31	2	0	33
614			Bacteriology (inclu. Eumycetes)	27	3	1	31	31	4	0	35
615		I	Virology	37	5	0	42	30	2	0	32
616			Immunology	60	10	0	70	41	5	0	46
		C	Pathology total	234	35	1	270	198	15	0	213
621			Hygiene	30	4	0	34	26	4	0	30
622		I	Public Health and Health Science	74	22	1	97	68	21	1	90
623			Legal Medicine	29	5	0	34	24	5	0	29
		N	Social Medicine total	133	31	1	165	118	30	1	149
631			Internal Medicine in General	74	6	0	80	48	2	0	50
632		E	Gastroenterology	109	1	0	110	43	0	0	43
633			Internal Medicine Respiratory System	49	1	1	51	21	1	0	22
634			Neurological Medicine	86	3	0	89	25	1	0	26
635			Cardioangiopathy	111	4	0	115	52	2	0	54
636			Pediatrics	111	6	0	117	46	6	0	52
637			Dermatology	46	4	0	50	15	2	0	17
638			Radiology	134	9	0	143	59	2	0	61
639			Neuropsychiatry	91	12	1	104	32	4	0	36
641			Hematology	85	5	0	90	31	2	0	33
642			Internal Medicine of Kidney	48	0	0	48	20	0	0	20
643			Embryology and Newborn	3	0	0	3	1	0	0	1
644			Endocrinology	39	2	0	41	21	0	0	21
645			Metabolic Science	44	4	0	48	26	0	0	26
			Internal Medicine total	1,030	57	2	1,089	440	22	0	462
651			Surgery in General	94	1	0	95	38	0	0	38
652			Gastroenterological Surgery	99	1	0	100	40	0	0	40
653			Thoracic Surgery	75	0	0	75	18	0	0	18

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	60	1	0	61	0	0	0	0
521			Forestry	27	0	0	27	0	0	0	0
522		G	Wood Science	20	0	0	20	0	0	0	0
			Forestry total	47	0	0	47	0	0	0	0
531		R	Fisheries in General	21	0	0	21	0	0	0	0
532			Fisheries Chemistry	7	0	0	7	0	0	0	0
		I	Fisheries total	28	0	0	28	0	0	0	0
541			Agricultural Economics	13	0	0	13	0	0	0	0
551		C	Irrigation, Drainage and Reclamation Engineering and Rural Planning	16	0	0	16	0	0	0	0
552		U	Agricultural Machinery	17	0	0	17	0	0	0	0
553		L	Biological Environment	4	0	0	4	0	0	0	0
			Agricultural Engineering total	37	0	0	37	0	0	0	0
561		T	Animal Science and Grassland Science	14	0	0	14	0	0	0	0
562		U	Applied Animal Science	8	0	0	8	0	0	0	0
563		R	Basic Veterinary Medicine and Basic Animal Science	14	0	0	14	0	0	0	0
564			Applied Veterinary Medicine	14	0	0	14	0	0	0	0
		E	Animal Science-Veterinary Medicine total	50	0	0	50	0	0	0	0
571			Biological Resource Science	7	0	0	7	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science total	7	0	0	7	0	0	0	0
			AGRICULTURE Total	301	3	0	304	0	0	0	0
601			Anatomy in General (inclu. Histology, Embryology)	14	0	0	14	1	0	0	1
602			Physiology in General	7	1	0	8	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	7	2	0	9	0	0	0	0
604			Pharmacology in General	4	1	0	5	0	0	0	0
605			Medical Chemistry in General	9	1	0	10	0	0	0	0
606			Pathological Medical Chemistry	5	1	0	6	0	0	0	0
		M	Physiology total	46	6	0	52	1	0	0	1
611			Hominal Pathology	18	2	0	20	0	0	0	0
612		E	Experimental Pathology	11	0	0	11	0	0	0	0
613		D	Parasitology (inclu. Medical Zoology)	9	1	0	10	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	12	3	0	15	0	0	0	0
615		I	Virology	11	0	0	11	0	0	0	0
616			Immunology	8	0	0	8	0	0	0	0
		C	Pathology total	69	6	0	75	0	0	0	0
621			Hygiene	8	2	0	10	0	0	0	0
622		I	Public Health and Health Science	20	6	0	26	0	0	0	0
623			Legal Medicine	5	1	0	6	0	0	0	0
		N	Social Medicine total	33	9	0	42	0	0	0	0
631			Internal Medicine in General	8	0	0	8	0	0	0	0
632		E	Gastroenterology	8	0	0	8	0	0	0	0
633			Internal Medicine Respiratory System	5	0	0	5	0	0	0	0
634			Neurological Medicine	6	0	0	6	0	0	0	0
635			Cardioangiology	9	0	0	9	0	0	0	0
636			Pediatrics	14	0	0	14	1	0	0	1
637			Dermatology	9	0	0	9	0	0	0	0
638			Radiology	16	0	0	16	0	0	0	0
639			Neuropsychiatry	11	1	0	12	0	0	0	0
641			Hematology	3	1	0	4	0	0	0	0
642			Internal Medicine of Kidney	2	0	0	2	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0
644			Endocrinology	10	0	0	10	1	0	0	1
645			Metabolic Science	2	0	0	2	0	0	0	0
			Internal Medicine total	103	2	0	105	2	0	0	2
651			Surgery in General	11	0	0	11	0	0	0	0
652			Gastroenterological Surgery	12	0	0	12	0	0	0	0
653			Thoracic Surgery	9	0	0	9	2	0	0	2

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
		A	Agricultural Chemistry total	3	0	0	3	659	102	1	762
521			Forestry	1	0	0	1	235	23	1	259
522		G	Wood Science	0	0	0	0	146	20	0	166
			Forestry total	1	0	0	1	381	43	1	425
531		R	Fisheries in General	0	0	0	0	240	12	0	252
532			Fisheries Chemistry	0	0	0	0	78	7	0	85
		I	Fisheries total	0	0	0	0	318	19	0	337
541			Agricultural Economics	0	1	1	2	159	13	2	174
551		C	Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1	134	5	0	139
552		U	Agricultural Machinery	1	0	1	2	98	3	1	102
553		L	Biological Environment	0	0	0	0	45	5	0	50
			Agricultural Engineering total	2	0	1	3	277	13	1	291
561		T	Animal Science and Grassland Science	0	0	0	0	98	6	0	104
562		U	Applied Animal Science	0	1	0	1	100	13	1	114
563		R	Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	125	15	0	140
564			Applied Veterinary Medicine	0	0	0	0	112	17	0	129
		E	Animal Science·Veterinary Medicine total	0	1	0	1	435	51	1	487
571			Biological Resource Science	0	0	0	0	55	4	0	59
572			Applied Molecular Cell Biology	1	0	0	1	50	9	0	59
			Interdisciplinary Agricultural Science total	1	0	0	1	105	13	0	118
			AGRICULTURE Total	7	3	3	13	2,840	304	7	3,151
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	146	33	0	179
602			Physiology in General	1	0	0	1	177	33	0	210
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	0	0	1	75	14	1	90
604			Pharmacology in General	0	0	0	0	111	14	0	125
605			Medical Chemistry in General	1	0	0	1	144	31	0	175
606			Pathological Medical Chemistry	0	0	0	0	82	20	0	102
		M	Physiology total	3	0	0	3	735	145	1	881
611			Hominal Pathology	0	0	0	0	172	26	0	198
612		E	Experimental Pathology	1	0	0	1	125	26	0	151
613		D	Parasitology (inclu. Medical Zoology)	0	0	0	0	68	14	0	82
614			Bacteriology (inclu. Eumycetes)	1	1	0	2	106	28	1	135
615		I	Virology	0	1	0	1	129	22	0	151
616			Immunology	1	0	1	2	188	34	1	223
		C	Pathology total	3	2	1	6	788	150	2	940
621			Hygiene	1	1	0	2	90	20	0	110
622		I	Public Health and Health Science	1	0	1	2	236	96	3	335
623			Legal Medicine	0	0	0	0	80	23	0	103
		N	Social Medicine total	2	1	1	4	406	139	3	548
631			Internal Medicine in General	0	0	1	1	187	20	1	208
632		E	Gastroenterology	1	0	2	3	272	12	2	286
633			Internal Medicine Respiratory System	0	0	0	0	113	6	1	120
634			Neurological Medicine	0	0	1	1	160	13	2	175
635			Cardioangiology	1	0	0	1	273	17	1	291
636			Pediatrics	2	0	2	4	239	42	3	284
637			Dermatology	1	0	0	1	142	40	0	182
638			Radiology	1	0	3	4	341	30	3	374
639			Neuropsychiatry	2	1	2	5	217	38	3	258
641			Hematology	0	0	0	0	172	31	1	204
642			Internal Medicine of Kidney	1	0	0	1	104	9	0	113
643			Embryology and Newborn	0	0	0	0	10	2	0	12
644			Endocrinology	0	0	1	1	106	6	2	114
645			Metabolic Science	1	0	0	1	108	20	1	129
			Internal Medicine total	10	1	12	23	2,444	286	20	2,750
651			Surgery in General	0	0	0	0	218	4	0	222
652			Gastroenterological Surgery	0	0	0	0	252	4	0	256
653			Thoracic Surgery	1	0	0	1	150	2	0	152

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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
654	M		Neurosurgery	9	1	0	10	74	1	0	75
655			Orthopedic Surgery	12	3	0	15	126	8	0	134
656			Anesthesiology and Rescue Medicine	4	4	0	8	66	16	0	82
657			Urology	8	0	0	8	78	1	0	79
658			Obstetrics and Gynecology	4	5	0	9	71	17	0	88
659			Oto-rhino-laryngology	6	5	2	13	75	11	0	86
660			Ophthalmology	13	4	0	17	75	22	0	97
661			Pediatric Surgery	0	0	0	0	6	1	0	7
662			Formative Surgery	1	0	0	1	20	0	0	20
			Surgery total	78	23	2	103	791	84	0	875
671	E		Oral Anatomy and Morphological Basic Dentistry	9	13	0	22	29	11	0	40
672	D		Functional Basic Dentistry	12	6	0	18	29	10	0	39
673	I		Morbid Dentistry (inclu. Dental Radiology)	7	4	0	11	35	7	0	42
674	C		Conservative Dentistry	13	12	0	25	36	8	0	44
675			Prosthodontics and Dental Technology	48	19	1	68	76	16	0	92
676	I		Oral Surgery	44	10	0	54	96	13	1	110
677	N		Orthodontics, Pedodontics and Social Dentistry	50	41	1	92	76	36	0	112
678			Periodontological Dentistry	25	5	0	30	19	9	0	28
	E		Dentistry total	208	110	2	320	396	110	1	507
681			Chemical Pharmaceutics	19	5	0	24	33	4	0	37
682			Physical Pharmaceutics	6	0	0	6	10	2	1	13
683			Biopharmaceutics	30	8	0	38	37	10	0	47
684			Molecular Pharmaceutics	17	7	0	24	19	4	0	23
685			Environmental Pharmaceutics	3	2	0	5	5	3	0	8
			Pharmaceutics total	75	22	0	97	104	23	1	128
691			Medical Sociology	1	2	0	3	20	5	0	25
692			Human Genetics	3	5	0	8	12	2	0	14
693			Applied Pharmacology and Medical Pharmacology	6	7	0	13	9	1	0	10
694			Pathological Examination	4	4	0	8	9	4	0	13
696			Science of Basic and Local Nursing	1	12	0	13	5	58	0	63
697			Science of Clinical Nursing	0	20	1	21	3	113	0	116
			Medicine in General total	15	50	1	66	58	183	0	241
			MEDICINE Total	624	343	8	975	2,635	716	5	3,356
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)	2	0	0	2	10	2	0	12
703			Physical Education	17	9	0	26	114	14	0	128
704			Human Geography	7	5	0	12	30	5	0	35
705			Physical Geography	12	1	0	13	17	0	0	17
			Geography total	19	6	0	25	47	5	0	52
706			Home Science(inclu. Cloth/Living Environments)	0	5	0	5	3	16	0	19
707			Food Culture	0	1	0	1	1	9	0	10
			Domestic Science total	0	6	0	6	4	25	0	29
708			Science of Cultural Property	5	1	0	6	4	2	0	6
711			Science Education	11	2	0	13	14	3	0	17
712	A R E A		Educational Engineering	10	0	0	10	31	5	0	36
713			Curriculum Studies	10	13	0	23	82	34	0	116
714			Japanese Language Education	0	4	0	4	12	17	0	29
			Science Education·Curriculum Education total	31	19	0	50	139	59	0	198
721			Statistics	7	1	0	8	17	2	0	19
731			Computer Science	84	6	0	90	193	8	0	201
732			Intelligent Informatics	75	6	1	82	141	10	1	152
733			Study of Information System (Inclu. Library and Information Science)	20	3	0	23	56	12	0	68
			Information Science total	179	15	1	195	390	30	1	421
741			Social System Engineering	16	5	0	21	35	4	0	39
751	I		Natural Disaster Science	7	2	0	9	8	1	0	9
761			Plasma Science and Technology	18	1	0	19	43	1	0	44
772			Nuclear Fusion	6	0	0	6	16	0	0	16

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	77	0	0	77	26	0	0	26
655			Orthopedic Surgery	126	3	1	130	40	0	1	41
656			Anesthesiology and Rescue Medicine	106	10	0	116	46	2	0	48
657			Urology	68	0	0	68	22	0	0	22
658			Obstetrics and Gynecology	81	5	0	86	34	1	0	35
659			Oto-rhino-laryngology	47	0	0	47	15	2	0	17
660			Ophthalmology	54	3	0	57	18	0	0	18
661			Pediatric Surgery	19	0	0	19	13	1	0	14
662			Formative Surgery	11	0	0	11	5	0	0	5
			Surgery total	857	23	1	881	315	6	1	322
671	E		Oral Anatomy and Morphological Basic Dentistry	31	4	0	35	19	5	0	24
672	D		Functional Basic Dentistry	14	0	0	14	14	1	0	15
673	I		Morbid Dentistry (inclu. Dental Radiology)	27	4	0	31	9	1	0	10
674	C		Conservative Dentistry	33	5	0	38	16	3	0	19
675			Prosthodontics and Dental Technology	57	2	0	59	40	1	0	41
676	I		Oral Surgery	95	5	0	100	49	3	0	52
677	N		Orthodontics, Pedodontics and Social Dentistry	53	15	0	68	24	10	0	34
678			Periodontological Dentistry	27	0	0	27	2	1	0	3
	E		Dentistry total	337	35	0	372	173	25	0	198
681			Chemical Pharmaceuticals	29	3	0	32	35	2	0	37
682			Physical Pharmaceuticals	17	1	0	18	19	0	0	19
683			Biopharmaceutics	39	3	0	42	33	3	0	36
684			Molecular Pharmaceuticals	7	3	0	10	11	0	0	11
685			Environmental Pharmaceuticals	4	1	0	5	4	0	0	4
			Pharmaceutics total	96	11	0	107	102	5	0	107
691			Medical Sociology	26	7	0	33	10	1	0	11
692			Human Genetics	29	4	0	33	9	2	0	11
693			Applied Pharmacology and Medical Pharmacology	22	4	0	26	21	0	0	21
694			Pathological Examination	25	8	0	33	22	8	0	30
696			Science of Basic and Local Nursing	8	62	1	71	2	58	0	60
697			Science of Clinical Nursing	4	88	1	93	4	65	0	69
			Medicine in General total	114	173	2	289	68	134	0	202
			MEDICINE Total	3,027	390	8	3,425	1,602	261	2	1,865
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)	18	0	0	18	16	2	0	18
703			Physical Education	175	14	0	189	196	8	0	204
704			Human Geography	43	1	0	44	32	1	0	33
705			Physical Geography	19	1	0	20	22	0	0	22
			Geography total	62	2	0	64	54	1	0	55
706			Home Science(inclu. Cloth/Living Environments)	5	33	0	38	19	37	0	56
707			Food Culture	1	15	0	16	5	15	0	20
			Domestic Science total	6	48	0	54	24	52	0	76
708			Science of Cultural Property	6	2	0	8	7	0	0	7
711			Science Education	48	2	0	50	72	3	1	76
712			Educational Engineering	38	6	0	44	40	2	0	42
713			Curriculum Studies	169	40	1	210	161	40	0	201
714			Japanese Language Education	22	23	0	45	10	21	0	31
			Science Education·Curriculum Education total	277	71	1	349	283	66	1	350
721	A R E A		Statistics	20	2	0	22	18	2	0	20
731			Computer Science	113	3	0	116	103	0	0	103
732			Intelligent Informatics	86	2	0	88	91	1	0	92
733			Study of Information System (Inclu. Library and Information Science)	40	6	0	46	42	9	0	51
			Information Science total	239	11	0	250	236	10	0	246
741			Social System Engineering	40	2	0	42	36	1	0	37
751			Natural Disaster Science	8	1	0	9	7	0	0	7
761			Plasma Science and Technology	43	0	0	43	48	1	0	49
772			Nuclear Fusion	14	2	0	16	28	2	0	30

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	10	0	0	10	0	0	0	0
655			Orthopedic Surgery	13	0	0	13	0	0	0	0
656			Anesthesiology and Rescue Medicine	9	0	0	9	0	0	0	0
657			Urology	8	0	0	8	0	0	0	0
658			Obstetrics and Gynecology	9	1	0	10	0	0	0	0
659			Oto-rhino-laryngology	4	0	0	4	0	0	0	0
660			Ophthalmology	5	1	0	6	0	0	0	0
661			Pediatric Surgery	2	0	0	2	0	0	0	0
662			Formative Surgery	2	0	0	2	0	0	0	0
			Surgery total	94	2	0	96	2	0	0	2
671	E		Oral Anatomy and Morphological Basic Dentistry	4	1	0	5	0	0	0	0
672	D		Functional Basic Dentistry	9	0	0	9	0	0	0	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	6	0	0	6	0	0	0	0
674	C		Conservative Dentistry	2	0	0	2	0	0	0	0
675			Prosthodontics and Dental Technology	2	0	0	2	0	0	0	0
676	I		Oral Surgery	14	0	0	14	0	0	0	0
677	N		Orthodontics, Pedodontics and Social Dentistry	8	2	0	10	0	0	0	0
678	E		Periodontological Dentistry	1	0	0	1	0	0	0	0
			Dentistry total	46	3	0	49	0	0	0	0
681			Chemical Pharmaceuticals	9	3	0	12	0	0	0	0
682			Physical Pharmaceuticals	7	0	0	7	0	0	0	0
683			Biopharmaceutics	12	2	0	14	0	0	0	0
684			Molecular Pharmaceuticals	4	0	0	4	0	0	0	0
685			Environmental Pharmaceuticals	0	0	0	0	0	0	0	0
			Pharmaceutics total	32	5	0	37	0	0	0	0
691			Medical Sociology	2	0	0	2	0	0	0	0
692			Human Genetics	0	0	0	0	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	8	0	0	8	0	0	0	0
694			Pathological Examination	7	4	0	11	0	0	0	0
696			Science of Basic and Local Nursing	1	13	0	14	0	0	0	0
697			Science of Clinical Nursing	2	21	0	23	0	0	0	0
			Medicine in General total	20	38	0	58	0	0	0	0
			MEDICINE Total	443	71	0	514	5	0	0	5
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)	8	0	0	8	0	0	0	0
703			Physical Education	55	1	0	56	0	0	0	0
704			Human Geography	11	0	0	11	0	0	0	0
705			Physical Geography	10	0	0	10	0	0	0	0
			Geography total	21	0	0	21	0	0	0	0
706			Home Science(inclu. Cloth/Living Environments)	4	13	0	17	0	0	0	0
707			Food Culture	4	2	0	6	0	0	0	0
			Domestic Science total	8	15	0	23	0	0	0	0
708			Science of Cultural Property	2	0	0	2	0	0	0	0
711			Science Education	20	0	0	20	0	0	0	0
712	A R E A		Educational Engineering	14	0	0	14	0	0	0	0
713			Curriculum Studies	57	9	0	66	0	0	0	0
714			Japanese Language Education	2	4	0	6	0	0	0	0
			Science Education·Curriculum Education total	93	13	0	106	0	0	0	0
721			Statistics	3	0	0	3	0	0	0	0
731			Computer Science	29	2	0	31	0	0	0	0
732			Intelligent Informatics	24	0	0	24	0	0	0	0
733			Study of Information System (Inclu. Library and Information Science)	16	1	0	17	0	0	0	0
			Information Science total	69	3	0	72	0	0	0	0
741	I		Social System Engineering	8	0	0	8	1	0	0	1
751			Natural Disaster Science	2	0	0	2	0	0	0	0
761			Plasma Science and Technology	14	0	0	14	0	0	0	0
772			Nuclear Fusion	8	0	0	8	0	0	0	0

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
654	M		Neurosurgery	1	0	0	1	197	2	0	199
655			Orthopedic Surgery	1	0	0	1	318	14	2	334
656			Anesthesiology and Rescue Medicine	0	0	0	0	231	32	0	263
657			Urology	1	0	0	1	185	1	0	186
658			Obstetrics and Gynecology	0	0	1	1	199	29	1	229
659			Oto-rhino-laryngology	0	0	0	0	147	18	2	167
660			Ophthalmology	1	0	0	1	166	30	0	196
661			Pediatric Surgery	0	0	0	0	40	2	0	42
662			Formative Surgery	0	0	0	0	39	0	0	39
			Surgery total	5	0	1	6	2,142	138	5	2,285
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	92	34	0	126
672	D		Functional Basic Dentistry	1	0	0	1	79	17	0	96
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	84	16	0	100
674	C		Conservative Dentistry	0	1	1	2	100	29	1	130
675			Prosthodontics and Dental Technology	1	0	1	2	224	38	2	264
676	I		Oral Surgery	0	0	0	0	298	31	1	330
677	N		Orthodontics, Pedodontics and Social Dentistry	2	1	0	3	213	105	1	319
678			Periodontological Dentistry	2	1	0	3	76	16	0	92
	E		Dentistry total	6	3	2	11	1,166	286	5	1,457
681			Chemical Pharmaceutics	0	0	1	1	125	17	1	143
682			Physical Pharmaceutics	0	1	1	2	59	4	2	65
683			Biopharmaceutics	0	0	1	1	151	26	1	178
684			Molecular Pharmaceutics	1	0	0	1	59	14	0	73
685			Environmental Pharmaceutics	0	0	1	1	16	6	1	23
			Pharmaceutics total	1	1	4	6	410	67	5	482
691			Medical Sociology	0	0	1	1	59	15	1	75
692			Human Genetics	0	0	0	0	53	13	0	66
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	66	12	0	78
694			Pathological Examination	1	0	0	1	68	28	0	96
696			Science of Basic and Local Nursing	0	5	0	5	17	208	1	226
697			Science of Clinical Nursing	0	6	1	7	13	313	3	329
			Medicine in General total	1	11	2	14	276	589	5	870
			MEDICINE Total	31	19	23	73	8,367	1,800	46	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	1	0	1	54	5	0	59
703			Physical Education	0	2	0	2	557	48	0	605
704			Human Geography	0	0	0	0	123	12	0	135
705			Physical Geography	0	0	0	0	80	2	0	82
			Geography total	0	0	0	0	203	14	0	217
706			Home Science(inclu. Cloth/Living Environments)	0	1	0	1	31	105	0	136
707			Food Culture	0	0	0	0	11	42	0	53
			Domestic Science total	0	1	0	1	42	147	0	189
708			Science of Cultural Property	0	0	0	0	24	5	0	29
711			Science Education	0	0	1	1	165	10	2	177
712	A R E A		Educational Engineering	1	1	1	3	134	14	1	149
713			Curriculum Studies	1	0	2	3	480	136	3	619
714			Japanese Language Education	0	2	0	2	46	71	0	117
			Science Education·Curriculum Education total	2	3	4	9	825	231	6	1,062
721			Statistics	0	0	1	1	65	7	1	73
731			Computer Science	9	1	1	11	531	20	1	552
732			Intelligent Informatics	17	1	1	19	434	20	3	457
733			Study of Information System (Inclu. Library and Information Science)	1	0	1	2	175	31	1	207
			Information Science total	27	2	3	32	1,140	71	5	1,216
741	I		Social System Engineering	6	0	1	7	142	12	1	155
751			Natural Disaster Science	0	0	0	0	32	4	0	36
761			Plasma Science and Technology	2	0	0	2	168	3	0	171
772			Nuclear Fusion	0	0	0	0	72	4	0	76

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	20	1	0	21
774			Nuclear Power Science	14	0	0	14	31	0	0	31
			Energy total	28	1	0	29	67	1	0	68
801			Environmental Dynamic Analysis	10	1	0	11	30	3	0	33
802			Environmental Influence Assessment (inclu. Radiobiology)	9	4	0	13	24	5	0	29
803			Environmental Preservation	20	5	0	25	38	13	0	51
			Environmental Science total	39	10	0	49	92	21	0	113
811			Biological Organic Chemistry	19	3	0	22	43	3	0	46
812			Structured Biochemistry	21	3	0	24	29	4	0	33
813			Functional Biochemistry	24	6	0	30	32	5	0	37
			Biological Chemistry total	64	12	0	76	104	12	0	116
821			Biophysics	30	2	0	32	40	4	0	44
822			Molecular Biology	63	20	0	83	125	26	0	151
823			Cell Biology	40	15	0	55	80	14	1	95
824			Developmental Biology	33	19	1	53	42	8	0	50
			Basic Biology total	166	56	1	223	287	52	1	340
831			Neuroanatomy and Neuropathology	11	2	0	13	16	2	0	18
832			Neurochemistry and Neuropharmacology	11	5	0	16	22	6	0	28
833			Neuro Science in General	31	12	0	43	63	8	1	72
834			Neuro and Muscular Physiology	11	0	0	11	32	7	0	39
			Neuro Science (inclu. Brain Science) total	64	19	0	83	133	23	1	157
841			Laboratory Animal Science	2	2	0	4	7	1	0	8
851			Medical Organism Engineering and Material Science of Organism	38	5	0	43	86	4	0	90
			INTERDISCIPLINARY AREA Total	702	170	2	874	1,587	259	3	1,849
999			WIDE AREA Total	54	13	0	67	116	36	1	153
			Item n.a. Total	4,702	1,290	39	6,031	7,085	1,265	112	8,462
			Grand Total	9,039	2,559	58	11,656	17,714	3,218	138	21,070

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	15	0	0	15	23	0	0	23
774			Nuclear Power Science	33	1	0	34	56	0	0	56
			Energy total	62	3	0	65	107	2	0	109
801			Environmental Dynamic Analysis	23	5	0	28	43	0	0	43
802			Environmental Influence Assessment (inclu. Radiobiology)	25	2	0	27	29	4	0	33
803			Environmental Preservation	29	4	0	33	40	0	0	40
			Environmental Science total	77	11	0	88	112	4	0	116
811			Biological Organic Chemistry	24	1	0	25	38	0	0	38
812			Structured Biochemistry	21	4	0	25	24	0	0	24
813			Functional Biochemistry	39	4	0	43	36	4	0	40
			Biological Chemistry total	84	9	0	93	98	4	0	102
821	N A R Y A R E A		Biophysics	30	2	0	32	43	0	0	43
822			Molecular Biology	118	10	0	128	62	3	0	65
823			Cell Biology	52	4	0	56	34	8	0	42
824			Developmental Biology	39	3	0	42	29	3	0	32
			Basic Biology total	239	19	0	258	168	14	0	182
831			Neuroanatomy and Neuropathology	27	3	0	30	20	2	0	22
832			Neurochemistry and Neuropharmacology	22	5	1	28	12	3	0	15
833			Neuro Science in General	50	11	0	61	40	2	0	42
834			Neuro and Muscular Physiology	33	1	0	34	31	4	0	35
			Neuro Science (inclu. Brain Science) total	132	20	1	153	103	11	0	114
841			Laboratory Animal Science	17	0	0	17	22	0	0	22
851			Medical Organism Engineering and Material Science of Organism	55	2	0	57	46	2	0	48
			INTERDISCIPLINARY AREA Total	1,560	217	2	1,779	1,581	180	1	1,762
999			WIDE AREA Total	140	28	0	168	173	15	0	188
			Item n.a. Total	5,053	589	88	5,730	3,856	285	84	4,225
			Grand Total	15,670	1,748	104	17,522	14,493	1,118	92	15,703

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	9	0	0	9	0	0	0	0
774			Nuclear Power Science	13	0	0	13	0	0	0	0
			Energy total	30	0	0	30	0	0	0	0
801			Environmental Dynamic Analysis	13	1	0	14	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	10	2	0	12	0	0	0	0
803			Environmental Preservation	20	0	0	20	0	0	0	0
			Environmental Science total	43	3	0	46	0	0	0	0
811			Biological Organic Chemistry	10	0	0	10	0	0	0	0
812			Structured Biochemistry	8	1	0	9	0	0	0	0
813			Functional Biochemistry	15	1	0	16	0	0	0	0
			Biological Chemistry total	33	2	0	35	0	0	0	0
821	N T E R D I S C I P L I N A R Y A R E A		Biophysics	11	2	0	13	0	0	0	0
822			Molecular Biology	11	1	0	12	0	0	0	0
823			Cell Biology	12	1	0	13	0	0	0	0
824			Developmental Biology	9	1	0	10	0	0	0	0
			Basic Biology total	43	5	0	48	0	0	0	0
831			Neuroanatomy and Neuropathology	8	1	0	9	0	0	0	0
832			Neurochemistry and Neuropharmacology	4	0	0	4	0	0	0	0
833			Neuro Science in General	8	1	0	9	0	0	0	0
834			Neuro and Muscular Physiology	13	0	0	13	0	0	0	0
			Neuro Science (inclu. Brain Science) total	33	2	0	35	0	0	0	0
841			Laboratory Animal Science	4	0	0	4	0	0	0	0
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	17	0	0	17	0	0	0	0
			INTERDISCIPLINARY AREA Total	486	44	0	530	1	0	0	1
999			WIDE AREA Total	65	5	0	70	0	0	0	0
			Item n.a. Total	1,031	54	25	1,110	8	2	2	12
			Grand Total	4,355	256	26	4,637	18	2	2	22

Table 6. Number of Researchers by Field of Specialization / by Age /by Gender (National Institutions)

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	75	2	0	77
774			Nuclear Power Science	0	0	0	0	147	1	0	148
			Energy total	0	0	0	0	294	7	0	301
801			Environmental Dynamic Analysis	0	0	0	0	119	10	0	129
802			Environmental Influence Assessment (inclu. Radiobiology)	1	0	0	1	98	17	0	115
803			Environmental Preservation	1	0	3	4	148	22	3	173
			Environmental Science total	2	0	3	5	365	49	3	417
811			Biological Organic Chemistry	1	0	0	1	135	7	0	142
812			Structured Biochemistry	0	0	0	0	103	12	0	115
813			Functional Biochemistry	1	0	0	1	147	20	0	167
			Biological Chemistry total	2	0	0	2	385	39	0	424
821			Biophysics	1	1	1	3	155	11	1	167
822			Molecular Biology	3	1	0	4	382	61	0	443
823			Cell Biology	0	0	0	0	218	42	1	261
824			Developmental Biology	0	0	0	0	152	34	1	187
			Basic Biology total	4	2	1	7	907	148	3	1,058
831	A R E A		Neuroanatomy and Neuropathology	0	0	0	0	82	10	0	92
832			Neurochemistry and Neuropharmacology	0	0	0	0	71	19	1	91
833			Neuro Science in General	0	0	1	1	192	34	2	228
834			Neuro and Muscular Physiology	1	0	1	2	121	12	1	134
			Neuro Science (inclu. Brain Science) total	1	0	2	3	466	75	4	545
841			Laboratory Animal Science	0	0	0	0	52	3	0	55
851			Medical Organism Engineering and Material Science of Organism	2	0	0	2	244	13	0	257
			INTERDISCIPLINARY AREA Total	48	11	15	74	5,965	881	23	6,869
999			WIDE AREA Total	5	0	1	6	553	97	2	652
			Item n.a. Total	315	98	10,187	10,600	22,050	3,583	10,537	36,170
			Grand Total	675	166	10,276	11,117	61,964	9,067	10,696	81,727

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	0	0	0	0	3	1	0	4
212			Chinese Philosophy	0	0	0	0	3	0	0	3
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0
214			Religion	0	0	0	0	2	0	0	2
215			Ethics	0	0	0	0	0	0	0	0
216			History of Philosophy	0	0	0	0	1	2	0	3
217			Aesthetics (inclu. Arts)	4	3	0	7	10	3	0	13
218			Art History	0	0	0	0	1	0	0	1
			Philosophy total	4	3	0	7	20	6	0	26
221			Experimental Psychology	1	1	0	2	5	2	0	7
222			Educational and Social	1	1	0	2	14	12	0	26
223			Sociology	3	4	0	7	21	13	0	34
224			Education	0	1	0	1	8	4	0	12
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	1	2	0	3
			Psychology·Sociology·Education Cultural Anthropology total	5	7	0	12	49	33	0	82
231			Japanese History	1	0	0	1	8	2	0	10
232			Oriental History	2	0	0	2	2	1	0	3
233			European History	0	1	0	1	6	7	0	13
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	0	0	0
			History total	3	1	0	4	16	10	0	26
241			Japanese Language	0	2	0	2	6	2	0	8
242			Japanese Literature	0	0	0	0	6	4	0	10
243			Chinese Language and Literature	0	0	0	0	2	1	0	3
244			English Language and Literature	0	4	0	4	13	14	0	27
245			French Language and Literature	0	0	0	0	0	2	0	2
246			German Language and Literature	0	0	0	0	4	2	0	6
247			Other Foreign Languages and Literatures	0	0	0	0	2	2	0	4
248			Linguistics and Phonetics	0	0	0	0	13	6	0	19
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	3	1	0	4
			Literature total	0	6	0	6	49	34	0	83
			ARTS·HUMANITIES Total	12	17	0	29	134	83	0	217
261	L A W		Basic Science of Law	1	0	0	1	5	0	0	5
262			Public Law	2	0	0	2	6	0	0	6
263			International Law	0	0	0	0	1	1	0	2
264			Civil Law	0	0	0	0	7	2	0	9
265			Social Law	0	0	0	0	1	2	0	3
266			Criminal Law	0	0	0	0	1	1	0	2
267			Politics	1	0	0	1	20	3	0	23
			LAW Total	4	0	0	4	41	9	0	50
271	E C O N O M I C S		General Theory of Economics	1	0	0	1	21	2	0	23
272			Economical Statistics	1	0	0	1	6	1	0	7
273			Economic Policy (inclu. Economic Condition)	3	0	0	3	9	1	0	10
274			Economic History	0	1	0	1	6	1	0	7
275			Public Finance, Money and Banking	1	0	0	1	7	2	0	9
276			Commercial Science	0	0	0	0	4	2	0	6
277			Business Administration	2	0	0	2	13	0	0	13
278			Accounting	0	0	0	0	10	1	0	11
			ECONOMICS Total	8	1	0	9	76	10	0	86
301	S C I E N C E		Algebra	3	1	0	4	9	1	0	10
302			Geometry	0	0	0	0	3	0	0	3
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	3	0	0	3	9	0	0	9
305			Basic Analysis	1	0	0	1	5	0	0	5
306			Larger-area Analysis	1	0	0	1	2	0	0	2
			Mathematics total	8	1	0	9	28	1	0	29
311			Astronomy	0	0	0	0	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	6	0	0	6

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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
211	A R T S · H U M A N I T I E S		Philosophy	7	0	0	7	21	0	0	21
212			Chinese Philosophy	4	0	0	4	4	0	0	4
213			Indian Philosophy (inclu. Buddhist Studies)	2	1	0	3	4	0	0	4
214			Religion	2	0	0	2	0	0	0	0
215			Ethics	1	0	0	1	4	0	0	4
216			History of Philosophy	7	2	0	9	7	1	0	8
217			Aesthetics (inclu. Arts)	45	10	0	55	43	14	0	57
218			Art History	3	5	0	8	11	3	0	14
			Philosophy total	71	18	0	89	94	18	0	112
221			Experimental Psychology	12	3	0	15	8	1	0	9
222			Educational and Social	17	9	0	26	20	12	0	32
223			Sociology	36	12	0	48	43	20	0	63
224			Education	24	8	0	32	26	12	0	38
225			Cultural Anthropology (inclu. Ethnology and Folklore)	7	1	0	8	5	3	0	8
			Psychology·Sociology·Education Cultural Anthropology total	96	33	0	129	102	48	0	150
231			Japanese History	9	3	0	12	10	0	0	10
232			Oriental History	6	0	0	6	7	0	0	7
233			European History	10	1	0	11	13	2	0	15
234			Archaeology (inclu. Prehistory)	0	0	0	0	3	0	0	3
			History total	25	4	0	29	33	2	0	35
241			Japanese Language	4	0	0	4	7	1	0	8
242			Japanese Literature	16	6	0	22	19	2	0	21
243			Chinese Language and Literature	10	5	0	15	4	0	0	4
244			English Language and Literature	35	20	0	55	41	15	0	56
245			French Language and Literature	2	3	0	5	7	5	0	12
246			German Language and Literature	7	0	0	7	13	2	0	15
247			Other Foreign Languages and Literatures	9	0	0	9	5	1	0	6
248			Linguistics and Phonetics	22	9	0	31	15	5	0	20
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	1	0	2	4	1	0	5
			Literature total	106	44	0	150	115	32	0	147
			ARTS·HUMANITIES Total	298	99	0	397	344	100	0	444
261	L A W		Basic Science of Law	5	2	0	7	0	0	0	0
262			Public Law	8	1	0	9	7	1	0	8
263			International Law	3	0	0	3	2	0	0	2
264			Civil Law	10	0	0	10	6	0	0	6
265			Social Law	3	3	0	6	3	0	0	3
266			Criminal Law	1	0	0	1	3	0	0	3
267			Politics	20	3	0	23	9	0	0	9
			LAW Total	50	9	0	59	30	1	0	31
271	E C O N O M I C S		General Theory of Economics	30	0	0	30	28	0	0	28
272			Economical Statistics	3	0	0	3	1	0	0	1
273			Economic Policy (inclu. Economic Condition)	28	2	0	30	31	5	0	36
274			Economic History	7	2	0	9	11	0	0	11
275			Public Finance, Money and Banking	11	0	0	11	15	0	0	15
276			Commercial Science	9	0	0	9	5	0	0	5
277			Business Administration	15	2	0	17	17	0	0	17
278			Accounting	7	0	0	7	8	0	0	8
			ECONOMICS Total	110	6	0	116	116	5	0	121
301	S C I E N C E		Algebra	5	0	0	5	4	0	0	4
302			Geometry	7	0	0	7	9	1	0	10
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	0	0	10	15	1	0	16
305			Basic Analysis	2	0	0	2	9	0	0	9
306			Larger-area Analysis	3	0	0	3	2	0	0	2
			Mathematics total	27	0	0	27	39	2	0	41
311			Astronomy	2	0	0	2	2	0	0	2
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	10	1	0	11	15	0	0	15

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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
211	A R T S · H U M A N I T I E S	Philosophy	Philosophy	8	0	0	8	0	0	0	0
212			Chinese Philosophy	4	0	0	4	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0
214			Religion	0	0	0	0	0	0	0	0
215			Ethics	1	2	0	3	0	0	0	0
216			History of Philosophy	1	0	0	1	0	0	0	0
217			Aesthetics (inclu. Arts)	22	2	0	24	0	0	0	0
218			Art History	2	0	0	2	0	0	0	0
			Philosophy total	38	4	0	42	0	0	0	0
221		Psychology·Sociology·Education	Experimental Psychology	3	0	0	3	0	0	0	0
222			Educational and Social	0	2	0	2	0	0	0	0
223			Sociology	13	2	0	15	0	0	0	0
224			Education	9	2	0	11	1	0	0	1
225			Cultural Anthropology (inclu. Ethnology and Folklore)	2	0	0	2	0	0	0	0
			Psychology·Sociology·Education Cultural Anthropology total	27	6	0	33	1	0	0	1
231		History	Japanese History	7	0	0	7	0	0	0	0
232			Oriental History	2	0	0	2	2	0	0	2
233			European History	0	1	0	1	0	0	0	0
234			Archaeology (inclu. Prehistory)	1	0	0	1	0	0	0	0
			History total	10	1	0	11	2	0	0	2
241		Literature	Japanese Language	1	2	0	3	0	0	0	0
242			Japanese Literature	6	1	0	7	0	0	0	0
243			Chinese Language and Literature	1	0	0	1	0	0	0	0
244			English Language and Literature	23	3	0	26	0	0	0	0
245			French Language and Literature	6	0	0	6	0	0	0	0
246			German Language and Literature	7	0	0	7	0	0	0	0
247			Other Foreign Languages and Literatures	2	0	0	2	1	0	0	1
248			Linguistics and Phonetics	3	0	0	3	1	0	0	1
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	0	0	1	0	0	0	0
			Literature total	50	6	0	56	2	0	0	2
			ARTS·HUMANITIES Total	125	17	0	142	5	0	0	5
261	L A W	Basic Science of Law	Basic Science of Law	2	0	0	2	0	0	0	0
262			Public Law	3	0	0	3	0	0	0	0
263			International Law	1	0	0	1	0	0	0	0
264			Civil Law	1	0	0	1	0	0	0	0
265			Social Law	0	0	0	0	0	0	0	0
266			Criminal Law	0	0	0	0	0	0	0	0
267			Politics	7	0	0	7	2	0	0	2
			LAW Total	14	0	0	14	2	0	0	2
271	E C O N O M I C S	General Theory of Economics	General Theory of Economics	7	0	0	7	0	0	0	0
272			Economical Statistics	3	0	0	3	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	15	0	0	15	1	0	0	1
274			Economic History	1	1	0	2	0	0	0	0
275			Public Finance, Money and Banking	5	0	0	5	0	0	0	0
276			Commercial Science	4	0	0	4	0	0	0	0
277			Business Administration	12	0	0	12	1	0	0	1
278			Accounting	3	0	0	3	2	0	0	2
			ECONOMICS Total	50	1	0	51	4	0	0	4
301	S C I E N C E	Algebra	Algebra	2	0	0	2	0	0	0	0
302			Geometry	3	0	0	3	0	0	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	7	0	0	7	0	0	0	0
305			Basic Analysis	8	0	0	8	0	0	0	0
306			Larger-area Analysis	0	0	0	0	0	0	0	0
			Mathematics total	20	0	0	20	0	0	0	0
311			Astronomy	1	0	0	1	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	4	0	0	4	0	0	0	0

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	0	0	0	0	39	1	0	40
212			Chinese Philosophy	0	0	0	0	15	0	0	15
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	6	1	0	7
214			Religion	0	0	0	0	4	0	0	4
215			Ethics	0	0	0	0	6	2	0	8
216			History of Philosophy	0	0	0	0	16	5	0	21
217			Aesthetics (inclu. Arts)	0	0	0	0	124	32	0	156
218			Art History	0	0	0	0	17	8	0	25
			Philosophy total	0	0	0	0	227	49	0	276
221			Experimental Psychology	0	0	0	0	29	7	0	36
222			Educational and Social	1	1	1	3	53	37	1	91
223			Sociology	1	1	0	2	117	52	0	169
224			Education	0	0	0	0	68	27	0	95
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	0	15	6	0	21
			Psychology·Sociology·Education Cultural Anthropology total	2	2	1	5	282	129	1	412
231			Japanese History	1	0	0	1	36	5	0	41
232			Oriental History	0	0	0	0	21	1	0	22
233			European History	0	0	0	0	29	12	0	41
234			Archaeology (inclu. Prehistory)	1	0	0	1	5	0	0	5
			History total	2	0	0	2	91	18	0	109
241			Japanese Language	0	0	0	0	18	7	0	25
242			Japanese Literature	0	0	0	0	47	13	0	60
243			Chinese Language and Literature	0	0	0	0	17	6	0	23
244			English Language and Literature	0	0	0	0	112	56	0	168
245			French Language and Literature	0	0	0	0	15	10	0	25
246			German Language and Literature	0	0	0	0	31	4	0	35
247			Other Foreign Languages and Literatures	0	0	0	0	19	3	0	22
248			Linguistics and Phonetics	0	0	0	0	54	20	0	74
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	9	3	0	12
			Literature total	0	0	0	0	322	122	0	444
			ARTS·HUMANITIES Total	4	2	1	7	922	318	1	1,241
261	L A W		Basic Science of Law	0	0	0	0	13	2	0	15
262			Public Law	0	0	0	0	26	2	0	28
263			International Law	0	0	0	0	7	1	0	8
264			Civil Law	0	0	0	0	24	2	0	26
265			Social Law	0	0	0	0	7	5	0	12
266			Criminal Law	0	0	0	0	5	1	0	6
267			Politics	0	0	0	0	59	6	0	65
			LAW Total	0	0	0	0	141	19	0	160
271	E C O N O M I C S		General Theory of Economics	0	1	1	2	87	3	1	91
272			Economical Statistics	0	0	1	1	14	1	1	16
273			Economic Policy (inclu. Economic Condition)	0	0	0	0	87	8	0	95
274			Economic History	0	0	0	0	25	5	0	30
275			Public Finance, Money and Banking	0	0	0	0	39	2	0	41
276			Commercial Science	0	0	0	0	22	2	0	24
277			Business Administration	0	0	0	0	60	2	0	62
278			Accounting	0	0	0	0	30	1	0	31
			ECONOMICS Total	0	1	2	3	364	24	2	390
301	S C I E N C E		Algebra	1	0	0	1	24	2	0	26
302			Geometry	0	0	0	0	22	1	0	23
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	0	44	1	0	45
305			Basic Analysis	1	0	0	1	26	0	0	26
306			Larger-area Analysis	0	0	0	0	8	0	0	8
			Mathematics total	2	0	0	2	124	4	0	128
311			Astronomy	0	0	0	0	5	0	0	5
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	35	1	0	36

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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)	1	0	0	1	4	0	0	4
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	4	0	0	4
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	5	0	0	5
325			Physics in General	2	0	0	2	6	0	0	6
			Physics total	3	0	0	3	25	0	0	25
331			Physics of Solid Earth	0	0	0	0	1	0	0	1
332			Meteorology, Oceanography and Hydrology	0	1	0	1	2	0	0	2
333			Aeronomy	0	0	0	0	1	0	0	1
334			Geology	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	0	1	0	1	1	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	2	0	0	2
337			Geochemistry	0	0	0	0	0	0	0	0
			Earth Science total	0	2	0	2	7	0	0	7
341			Physical Chemistry	2	0	0	2	12	2	0	14
342			Organic Chemistry	4	1	0	5	12	0	0	12
343			Inorganic Chemistry	0	0	0	0	7	0	0	7
344			Function, Properties and Materials in Chemistry	1	0	0	1	4	0	0	4
345			Substance Transformation	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	1	0	0	1	1	0	0	1
			Chemistry total	8	1	0	9	36	2	0	38
351			Genetics	0	0	0	0	4	0	0	4
352			Ecology	0	1	0	1	6	0	0	6
353			Plant Physiology	3	1	0	4	11	2	0	13
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0
355			Animal Physiology and	0	0	0	0	1	1	0	2
356			Morphology and Taxonomy	2	0	0	2	1	1	0	2
			Biology total	5	2	0	7	23	4	0	27
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	3	0	0	3
	SCIENCE Total			24	6	0	30	122	7	0	129
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	4	0	0	4	3	0	0	3
402			Surface Physics	0	1	0	1	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0	4	0	0	4
404			General Applied Physics	0	0	0	0	1	0	0	1
405			Fundamentals of Engineering	1	0	0	1	3	0	0	3
			Applied Physics-Fundamentals of Engineering total	5	1	0	6	11	0	0	11
411			Materials for Machines and Strength of Materials	1	0	0	1	12	1	0	13
412			Workshop Processes and Production Engineering	3	0	0	3	9	0	0	9
413			Design Engineering, Machine Elements and Tribology	1	0	0	1	2	0	0	2
414			Fluid Mechanics	1	0	0	1	6	0	0	6
415			Heat Engineering	0	0	0	0	4	0	0	4
416			Mechanics and Control Engineering	1	0	0	1	4	0	0	4
417			Intelligent Mechanics and Machine System	6	0	0	6	7	0	0	7
			Machine Engineering total	13	0	0	13	44	1	0	45
421			Electric Power Engineering and Electric Machinery	3	0	0	3	5	0	0	5
422			Electronic and Electric Materials Engineering	2	1	0	3	3	0	0	3
423			Electron Devices and Apparatus Engineering	3	0	0	3	9	0	0	9
424			Information and Communication Engineering	9	1	1	11	22	0	0	22

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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)	9	0	0	9	6	0	0	6
323			Solid-State Physics II (Magnetism, Metal Physics,	7	0	0	7	9	0	0	9
324			Physical Properties in General (inclu. Basic Theories)	5	0	0	5	7	0	0	7
325			Physics in General	6	1	0	7	0	0	0	0
			Physics total	37	2	0	39	37	0	0	37
331			Physics of Solid Earth	1	0	0	1	1	0	0	1
332			Meteorology, Oceanography and Hydrology	1	0	0	1	3	0	0	3
333			Aeronomy	0	0	0	0	0	0	0	0
334			Geology	4	0	0	4	6	0	0	6
335			Stratigraphy and Paleontology	2	0	0	2	2	0	0	2
336			Mineralogy, Petrology and Study of Mineral Deposit	2	0	0	2	2	0	0	2
337			Geochemistry	2	1	0	3	1	0	0	1
			Earth Science total	12	1	0	13	15	0	0	15
341			Physical Chemistry	12	0	0	12	6	1	0	7
342			Organic Chemistry	5	0	0	5	13	0	0	13
343			Inorganic Chemistry	2	0	0	2	6	0	0	6
344			Function, Properties and Materials in Chemistry	4	0	0	4	3	1	0	4
345			Substance Transformation	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	4	0	0	4	6	1	0	7
			Chemistry total	27	0	0	27	34	3	0	37
351			Genetics	3	1	0	4	5	2	0	7
352			Ecology	7	0	0	7	11	0	0	11
353			Plant Physiology	8	2	0	10	11	0	0	11
354			Morphology, Structure of Organism	2	1	0	3	1	0	0	1
355			Animal Physiology and	6	1	0	7	3	3	0	6
356			Morphology and Taxonomy	5	1	0	6	4	0	0	4
			Biology total	31	6	0	37	35	5	0	40
361			Physical Anthropology (inclu. Physiological Anthropology)	0	1	0	1	0	0	0	0
	SCIENCE Total			136	10	0	146	162	10	0	172
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	3	0	0	3	7	0	0	7
402			Surface Physics	3	0	0	3	1	0	0	1
403			Applied Optics and Quantum Optics	3	0	0	3	2	0	0	2
404			General Applied Physics	3	0	0	3	1	0	0	1
405			Fundamentals of Engineering	1	0	0	1	1	0	0	1
			Applied Physics-Fundamentals of Engineering total	13	0	0	13	12	0	0	12
411			Materials for Machines and Strength of Materials	4	0	0	4	5	0	0	5
412			Workshop Processes and Production Engineering	6	0	0	6	9	0	0	9
413			Design Engineering, Machine Elements and Tribology	0	0	0	0	10	0	0	10
414			Fluid Mechanics	5	0	0	5	10	1	0	11
415			Heat Engineering	3	0	0	3	11	0	0	11
416			Mechanics and Control Engineering	6	0	0	6	2	0	0	2
417			Intelligent Mechanics and Machine System	6	0	0	6	4	0	0	4
			Machine Engineering total	30	0	0	30	51	1	0	52
421			Electric Power Engineering and Electric Machinery	3	0	0	3	9	0	0	9
422			Electronic and Electric Materials Engineering	4	0	0	4	5	0	0	5
423			Electron Devices and Apparatus Engineering	4	0	0	4	7	0	0	7
424			Information and Communication Engineering	14	1	0	15	20	0	0	20

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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)	2	1	0	3	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	4	1	0	5	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	3	0	0	3	0	0	0	0
325			Physics in General	3	0	0	3	0	0	0	0
			Physics total	16	2	0	18	0	0	0	0
331			Physics of Solid Earth	1	0	0	1	0	0	0	0
332			Meteorology, Oceanography and Hydrology	1	0	0	1	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0
334			Geology	3	0	0	3	0	0	0	0
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	0	0
337			Geochemistry	0	0	0	0	0	0	0	0
			Earth Science total	5	0	0	5	0	0	0	0
341			Physical Chemistry	8	0	0	8	0	0	0	0
342			Organic Chemistry	4	1	0	5	0	0	0	0
343			Inorganic Chemistry	3	0	0	3	0	0	0	0
344			Function, Properties and Materials in Chemistry	1	0	0	1	0	0	0	0
345			Substance Transformation	1	0	0	1	0	0	0	0
346			Separation, Refining and Identification	2	0	0	2	0	0	0	0
			Chemistry total	19	1	0	20	0	0	0	0
351			Genetics	1	0	0	1	1	0	0	1
352			Ecology	2	0	0	2	0	0	0	0
353			Plant Physiology	2	0	0	2	0	0	0	0
354			Morphology, Structure of Organism	1	0	0	1	0	0	0	0
355			Animal Physiology and	0	1	0	1	0	0	0	0
356			Morphology and Taxonomy	0	0	0	0	0	0	0	0
			Biology total	6	1	0	7	1	0	0	1
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0
	SCIENCE Total			67	4	0	71	1	0	0	1
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	5	0	0	5	0	0	0	0
402			Surface Physics	1	0	0	1	0	0	0	0
403			Applied Optics and Quantum Optics	5	0	0	5	0	0	0	0
404			General Applied Physics	2	0	0	2	0	0	0	0
405			Fundamentals of Engineering	1	0	0	1	0	0	0	0
			Applied Physics-Fundamentals of Engineering total	14	0	0	14	0	0	0	0
411			Materials for Machines and Strength of Materials	3	0	0	3	0	0	0	0
412			Workshop Processes and Production Engineering	4	0	0	4	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	2	0	0	2	0	0	0	0
414			Fluid Mechanics	8	0	0	8	0	0	0	0
415			Heat Engineering	3	0	0	3	0	0	0	0
416			Mechanics and Control Engineering	1	0	0	1	0	0	0	0
417			Intelligent Mechanics and Machine System	2	0	0	2	0	0	0	0
			Machine Engineering total	23	0	0	23	0	0	0	0
421			Electric Power Engineering and Electric Machinery	3	0	0	3	0	0	0	0
422			Electronic and Electric Materials Engineering	1	0	0	1	0	0	0	0
423			Electron Devices and Apparatus Engineering	3	0	0	3	1	0	0	1
424			Information and Communication Engineering	11	0	0	11	1	0	0	1

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

Code	Subject	Subdivision	Item	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)	0	0	0	0	22	1	0	23
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	24	1	0	25
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0	20	0	0	20
325			Physics in General	0	0	0	0	17	1	0	18
			Physics total	0	0	0	0	118	4	0	122
331			Physics of Solid Earth	0	0	0	0	4	0	0	4
332			Meteorology, Oceanography and Hydrology	0	0	0	0	7	1	0	8
333			Aeronomy	0	0	0	0	1	0	0	1
334			Geology	0	0	0	0	13	0	0	13
335			Stratigraphy and Paleontology	0	0	0	0	5	1	0	6
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	6	0	0	6
337			Geochemistry	0	0	0	0	3	1	0	4
			Earth Science total	0	0	0	0	39	3	0	42
341			Physical Chemistry	0	0	0	0	40	3	0	43
342			Organic Chemistry	0	0	0	0	38	2	0	40
343			Inorganic Chemistry	0	0	0	0	18	0	0	18
344			Function, Properties and Materials in Chemistry	0	0	0	0	13	1	0	14
345			Substance Transformation	0	0	0	0	1	0	0	1
346			Separation, Refining and Identification	0	0	0	0	14	1	0	15
			Chemistry total	0	0	0	0	124	7	0	131
351			Genetics	0	1	0	1	14	4	0	18
352			Ecology	0	0	0	0	26	1	0	27
353			Plant Physiology	0	0	0	0	35	5	0	40
354			Morphology, Structure of Organism	0	0	0	0	4	1	0	5
355			Animal Physiology and	0	0	0	0	10	6	0	16
356			Morphology and Taxonomy	0	0	0	0	12	2	0	14
			Biology total	0	1	0	1	101	19	0	120
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	3	1	0	4
	SCIENCE Total			2	1	0	3	514	38	0	552
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	22	0	0	22
402			Surface Physics	0	0	0	0	5	1	0	6
403			Applied Optics and Quantum Optics	0	0	0	0	14	0	0	14
404			General Applied Physics	0	0	0	0	7	0	0	7
405			Fundamentals of Engineering	0	0	0	0	7	0	0	7
			Applied Physics-Fundamentals of Engineering total	0	0	0	0	55	1	0	56
411			Materials for Machines and Strength of Materials	0	0	0	0	25	1	0	26
412			Workshop Processes and Production Engineering	0	0	0	0	31	0	0	31
413			Design Engineering, Machine Elements and Tribology	0	0	0	0	15	0	0	15
414			Fluid Mechanics	0	0	0	0	30	1	0	31
415			Heat Engineering	0	0	0	0	21	0	0	21
416			Mechanics and Control Engineering	0	0	0	0	14	0	0	14
417			Intelligent Mechanics and Machine System	1	0	0	1	26	0	0	26
			Machine Engineering total	1	0	0	1	162	2	0	164
421			Electric Power Engineering and Electric Machinery	1	0	0	1	24	0	0	24
422			Electronic and Electric Materials Engineering	0	0	0	0	15	1	0	16
423			Electron Devices and Apparatus Engineering	1	0	0	1	28	0	0	28
424			Information and Communication Engineering	0	0	0	0	77	2	1	80

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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		System Engineering	0	0	0	0	3	0	0	3
427			Electronic Measurements	1	0	0	1	4	0	0	4
428			Control Engineering	1	0	0	1	14	0	0	14
			Electric and Electronic Engineering	19	2	1	22	60	0	0	60
431			Construction Materials and Dynamics in General Civil Engineering	1	0	0	1	1	0	0	1
432			Structural Engineering and Seismology	3	0	0	3	5	1	0	6
433			Ground Engineering	2	0	0	2	2	0	0	2
434			Hydraulics and River Engineering	0	0	0	0	3	0	0	3
435			Traffic Engineering and Regional Planning	2	0	0	2	0	0	0	0
436			Civil Environmental System	0	0	0	0	4	0	0	4
			Civil Engineering total	8	0	0	8	15	1	0	16
441		N	Building Structure and Materials	4	1	0	5	4	2	0	6
442			Building Science and Building Equipment	0	1	0	1	5	1	0	6
443			City Planning and Building Planning	2	2	0	4	10	1	0	11
444			Architectural History and Design	1	0	0	1	4	1	0	5
			Architecture total	7	4	0	11	23	5	0	28
451	E	N	Physical Metallurgy	0	0	0	0	1	0	0	1
452			Inorganic Materials and	0	0	0	0	3	0	0	3
453			Composed Materials and Properties	1	0	0	1	1	0	0	1
454		E	Structural and Functional Materials	0	0	0	0	0	0	0	0
455			Metallurgy and Material	1	0	0	1	3	0	0	3
456		R	Metal Productive Engineering	0	0	0	0	0	0	0	0
			Material Engineering total	2	0	0	2	8	0	0	8
461		I	Chemical Engineering in General	1	0	0	1	2	0	0	2
462			Reaction and Separation Engineering	1	0	0	1	2	0	0	2
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0
464			Bioengineering	3	0	0	3	4	1	0	5
465			Industrial Analytical Chemistry	0	0	0	0	2	0	0	2
			Process Engineering total	5	0	0	5	10	1	0	11
471		G	Industrial Physical Chemistry	0	0	0	0	6	0	0	6
472			Industrial Inorganic Chemistry	0	0	0	0	1	0	0	1
473			Industrial Organic Chemistry	0	0	0	0	0	0	0	0
474			Synthetic Chemistry	0	0	0	0	4	0	0	4
475			Polymer Synthesis	1	0	0	1	1	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	2	0	0	2	2	2	0	4
			Industrial Chemistry total	3	0	0	3	14	2	0	16
481	E		Aeronautics	2	0	0	2	4	0	0	4
482			Ship Engineering	0	0	0	0	1	1	0	2
483			Marine Engineering	0	0	0	0	3	0	0	3
484			Resource Development Engineering	0	0	0	0	0	1	0	1
			Synthetic Engineering total	2	0	0	2	8	2	0	10
			ENGINEERING Total	64	7	1	72	193	12	0	205
501	A	G	Plant Breeding	2	0	0	2	2	1	0	3
502			Crop Science	1	0	0	1	2	0	0	2
503			Horticulture and Landscape Architecture	2	2	0	4	11	2	0	13
504			Plant Protection	2	1	0	3	4	0	0	4
505			Sericultural Science and Economic Entomology	0	2	0	2	0	0	0	0
			Agriculture total	7	5	0	12	19	3	0	22
511		R	Plant Fertilizer and Manure and Soil Science	0	0	0	0	2	0	0	2
512			Applied Microbiochemistry and Applied Biochemistry	3	1	0	4	11	1	0	12
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	4	0	0	4
514			Food Science and Nutritional Chemistry	0	1	0	1	8	10	0	18

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	3	0	0	3	3	0	0	3
427			Electronic Measurements	2	0	0	2	5	0	0	5
428			Control Engineering	11	1	0	12	3	0	0	3
			Electric and Electronic Engineering	41	2	0	43	52	0	0	52
431			Construction Materials and Dynamics in General Civil Engineering	2	0	0	2	1	0	0	1
432			Structural Engineering and Seismology	1	0	0	1	6	0	0	6
433			Ground Engineering	2	0	0	2	3	0	0	3
434			Hydraulics and River Engineering	2	0	0	2	8	0	0	8
435			Traffic Engineering and Regional Planning	0	0	0	0	5	0	0	5
436			Civil Environmental System	3	1	0	4	2	0	0	2
			Civil Engineering total	10	1	0	11	25	0	0	25
441		G	Building Structure and Materials	6	0	0	6	12	0	0	12
442			Building Science and Building Equipment	10	1	0	11	9	0	0	9
443			City Planning and Building Planning	12	3	0	15	8	1	0	9
444			Architectural History and Design	6	0	0	6	7	0	0	7
			Architecture total	34	4	0	38	36	1	0	37
451		M a t e r i a l	Physical Metallurgy	2	0	0	2	1	0	0	1
452			Inorganic Materials and	0	0	0	0	1	0	0	1
453			Composed Materials and Properties	1	0	0	1	0	0	0	0
454			Structural and Functional Materials	3	0	0	3	4	0	0	4
455		R	Metallurgy and Material	3	0	0	3	1	0	0	1
456			Metal Productive Engineering	1	0	0	1	1	0	0	1
			Material Engineering total	10	0	0	10	8	0	0	8
461		I n d u s t r i a l	Chemical Engineering in General	1	0	0	1	5	0	0	5
462			Reaction and Separation Engineering	0	0	0	0	4	0	0	4
463			Catalyst and Chemical Process	1	1	0	2	2	0	0	2
464			Bioengineering	4	0	0	4	3	0	0	3
465			Industrial Analytical Chemistry	1	0	0	1	3	0	0	3
			Process Engineering total	7	1	0	8	17	0	0	17
471			Industrial Physical Chemistry	3	0	0	3	6	1	0	7
472			Industrial Inorganic Chemistry	2	0	0	2	1	1	0	2
473			Industrial Organic Chemistry	1	0	0	1	1	0	0	1
474			Synthetic Chemistry	4	0	0	4	5	0	0	5
475			Polymer Synthesis	4	0	0	4	4	0	0	4
476			Polymer Structure and Property (inclu. Fiber)	2	0	0	2	6	1	0	7
			Industrial Chemistry total	16	0	0	16	23	3	0	26
481			Aeronautics	1	0	0	1	3	0	0	3
482			Ship Engineering	0	0	0	0	1	0	0	1
483			Marine Engineering	0	0	0	0	1	0	0	1
484			Resource Development Engineering	1	0	0	1	1	0	0	1
			Synthetic Engineering total	2	0	0	2	6	0	0	6
			ENGINEERING Total	163	8	0	171	230	5	0	235
501	A g r i c u l t u r e		Plant Breeding	4	0	0	4	5	0	0	5
502			Crop Science	1	0	0	1	4	0	0	4
503			Horticulture and Landscape Architecture	11	1	0	12	18	0	0	18
504			Plant Protection	1	1	0	2	4	0	0	4
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0
			Agriculture total	17	2	0	19	31	0	0	31
511			Plant Fertilizer and Manure and Soil Science	1	0	0	1	8	0	0	8
512			Applied Microbiochemistry and Applied Biochemistry	10	0	0	10	7	0	0	7
513			Biological Productive Chemistry and Bioorganic Chemistry	2	0	0	2	4	0	0	4
514			Food Science and Nutritional Chemistry	10	5	0	15	21	7	0	28

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	4	0	0	4	0	0	0	0
427			Electronic Measurements	1	0	0	1	0	0	0	0
428			Control Engineering	2	0	0	2	1	0	0	1
			Electric and Electronic Engineering	25	0	0	25	3	0	0	3
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	2	0	0	2	0	0	0	0
433			Ground Engineering	2	0	0	2	0	0	0	0
434			Hydraulics and River Engineering	2	0	0	2	0	0	0	0
435			Traffic Engineering and Regional Planning	3	0	0	3	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	0	0	0
			Civil Engineering total	9	0	0	9	0	0	0	0
441		G	Building Structure and Materials	3	0	0	3	0	0	0	0
442			Building Science and Building Equipment	1	0	0	1	0	0	0	0
443			City Planning and Building Planning	5	1	0	6	0	0	0	0
444			Architectural History and Design	1	0	0	1	0	0	0	0
			Architecture total	10	1	0	11	0	0	0	0
451		N	Physical Metallurgy	1	0	0	1	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	5	0	0	5	0	0	0	0
454			Structural and Functional Materials	3	0	0	3	0	0	0	0
455		R	Metallurgy and Material	1	0	0	1	0	0	0	0
456			Metal Productive Engineering	2	0	0	2	0	0	0	0
			Material Engineering total	12	0	0	12	0	0	0	0
461		G	Chemical Engineering in General	2	0	0	2	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	1	0	0	1	0	0	0	0
464			Bioengineering	2	0	0	2	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0
			Process Engineering total	5	0	0	5	0	0	0	0
471			Industrial Physical Chemistry	2	0	0	2	0	0	0	0
472			Industrial Inorganic Chemistry	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	1	0	0	1	0	0	0	0
474			Synthetic Chemistry	1	0	0	1	0	0	0	0
475			Polymer Synthesis	3	0	0	3	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	1	0	0	1	0	0	0	0
			Industrial Chemistry total	8	0	0	8	0	0	0	0
481			Aeronautics	1	0	0	1	0	0	0	0
482			Ship Engineering	1	0	0	1	0	0	0	0
483			Marine Engineering	0	0	0	0	0	0	0	0
484			Resource Development Engineering	0	0	0	0	0	0	0	0
			Synthetic Engineering total	2	0	0	2	0	0	0	0
			ENGINEERING Total	108	1	0	109	3	0	0	3
501	A G R I C U L T U R E		Plant Breeding	4	1	0	5	0	0	0	0
502			Crop Science	0	0	0	0	0	0	0	0
503			Horticulture and Landscape Architecture	1	0	0	1	0	0	0	0
504			Plant Protection	5	0	0	5	0	0	0	0
505			Sericultural Science and Economic Entomology	1	0	0	1	0	0	0	0
			Agriculture total	11	1	0	12	0	0	0	0
511			Plant Fertilizer and Manure and Soil Science	2	0	0	2	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	3	1	0	4	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	5	0	0	5	0	0	0	0
514			Food Science and Nutritional Chemistry	8	0	0	8	0	0	0	0

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
425	E		System Engineering	0	0	0	0	13	0	0	13
427			Electronic Measurements	0	0	0	0	13	0	0	13
428			Control Engineering	0	0	0	0	32	1	0	33
			Electric and Electronic Engineering	2	0	0	2	202	4	1	207
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	5	0	0	5
432			Structural Engineering and Seismology	0	0	0	0	17	1	0	18
433			Ground Engineering	0	0	0	0	11	0	0	11
434			Hydraulics and River Engineering	0	0	0	0	15	0	0	15
435			Traffic Engineering and Regional Planning	0	0	0	0	10	0	0	10
436			Civil Environmental System	0	0	0	0	9	1	0	10
			Civil Engineering total	0	0	0	0	67	2	0	69
441		N	Building Structure and Materials	0	0	0	0	29	3	0	32
442			Building Science and Building Equipment	0	0	0	0	25	3	0	28
443			City Planning and Building Planning	1	0	0	1	38	8	0	46
444			Architectural History and Design	0	0	0	0	19	1	0	20
			Architecture total	1	0	0	1	111	15	0	126
451		N	Physical Metallurgy	0	0	0	0	5	0	0	5
452			Inorganic Materials and	0	0	0	0	4	0	0	4
453			Composed Materials and Properties	0	0	0	0	8	0	0	8
454			Structural and Functional Materials	0	0	0	0	10	0	0	10
455		R	Metallurgy and Material	0	0	0	0	9	0	0	9
456			Metal Productive Engineering	0	0	0	0	4	0	0	4
			Material Engineering total	0	0	0	0	40	0	0	40
461		N	Chemical Engineering in General	0	0	0	0	11	0	0	11
462			Reaction and Separation Engineering	0	0	0	0	7	0	0	7
463			Catalyst and Chemical Process	0	0	0	0	4	1	0	5
464			Bioengineering	0	0	0	0	16	1	0	17
465			Industrial Analytical Chemistry	0	0	0	0	6	0	0	6
			Process Engineering total	0	0	0	0	44	2	0	46
471			Industrial Physical Chemistry	0	0	0	0	17	1	0	18
472			Industrial Inorganic Chemistry	0	0	0	0	4	1	0	5
473			Industrial Organic Chemistry	0	0	0	0	3	0	0	3
474			Synthetic Chemistry	0	0	0	0	14	0	0	14
475			Polymer Synthesis	0	0	0	0	13	0	0	13
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	13	3	0	16
			Industrial Chemistry total	0	0	0	0	64	5	0	69
481			Aeronautics	0	0	0	0	11	0	0	11
482			Ship Engineering	0	0	0	0	3	1	0	4
483			Marine Engineering	0	0	0	0	4	0	0	4
484			Resource Development Engineering	0	0	0	0	2	1	0	3
			Synthetic Engineering total	0	0	0	0	20	2	0	22
			ENGINEERING Total	4	0	0	4	765	33	1	799
501	A G R I C U L T U R E		Plant Breeding	0	0	0	0	17	2	0	19
502			Crop Science	0	0	0	0	8	0	0	8
503			Horticulture and Landscape Architecture	1	0	1	2	44	5	1	50
504			Plant Protection	0	0	0	0	16	2	0	18
505			Sericultural Science and Economic Entomology	0	0	0	0	1	2	0	3
			Agriculture total	1	0	1	2	86	11	1	98
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	13	0	0	13
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	34	3	0	37
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	15	0	0	15
514			Food Science and Nutritional Chemistry	1	0	0	1	48	23	0	71

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	3	2	0	5	25	11	0	36
521			Forestry	0	0	0	0	5	0	0	5
522	G		Wood Science	0	0	0	0	1	0	0	1
			Forestry total	0	0	0	0	6	0	0	6
531	R		Fisheries in General	0	0	0	0	2	0	0	2
532			Fisheries Chemistry	0	0	0	0	2	0	0	2
			Fisheries total	0	0	0	0	4	0	0	4
541	I		Agricultural Economics	0	0	0	0	5	2	0	7
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1	3	1	0	4
552	U		Agricultural Machinery	0	0	0	0	0	0	0	0
553	L		Biological Environment	0	0	0	0	3	1	0	4
			Agricultural Engineering total	1	0	0	1	6	2	0	8
561	T		Animal Science and Grassland Science	0	1	0	1	1	0	0	1
562	U		Applied Animal Science	0	0	0	0	1	0	0	1
563	R		Basic Veterinary Medicine and Basic Animal Science	1	0	0	1	4	0	0	4
564			Applied Veterinary Medicine	1	1	0	2	4	0	0	4
	E		Animal Science·Veterinary Medicine total	2	2	0	4	10	0	0	10
571			Biological Resource Science	0	0	0	0	1	0	0	1
572			Applied Molecular Cell Biology	2	1	0	3	1	0	0	1
			Interdisciplinary Agricultural Science total	2	1	0	3	2	0	0	2
			AGRICULTURE Total	15	10	0	25	77	18	0	95
601			Anatomy in General (inclu. Histology, Embryology)	1	1	0	2	6	4	0	10
602			Physiology in General	2	1	0	3	2	1	0	3
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	4	1	1	6
604			Pharmacology in General	0	0	0	0	4	0	0	4
605			Medical Chemistry in General	0	0	0	0	4	2	0	6
606			Pathological Medical Chemistry	1	0	0	1	3	0	0	3
	M		Physiology total	4	2	0	6	23	8	1	32
611			Hominal Pathology	2	0	0	2	10	4	0	14
612	E		Experimental Pathology	2	2	0	4	3	0	0	3
613	D		Parasitology (inclu. Medical Zoology)	1	0	0	1	1	0	0	1
614			Bacteriology (inclu. Eumycetes)	1	1	0	2	4	0	0	4
615	I		Virology	0	0	0	0	4	1	0	5
616			Immunology	1	0	0	1	3	1	0	4
	C		Pathology total	7	3	0	10	25	6	0	31
621			Hygiene	0	0	0	0	2	1	0	3
622	I		Public Health and Health Science	1	1	0	2	10	13	0	23
623			Legal Medicine	1	1	0	2	2	1	0	3
	N		Social Medicine total	2	2	0	4	14	15	0	29
631			Internal Medicine in General	1	0	0	1	11	1	0	12
632	E		Gastroenterology	3	0	0	3	10	1	0	11
633			Internal Medicine Respiratory System	2	0	0	2	10	0	0	10
634			Neurological Medicine	0	0	0	0	9	1	0	10
635			Cardioangiopathy	4	1	0	5	12	0	0	12
636			Pediatrics	0	2	0	2	18	3	0	21
637			Dermatology	2	1	0	3	11	4	0	15
638			Radiology	0	0	0	0	11	2	0	13
639			Neuropsychiatry	1	1	0	2	21	6	0	27
641			Hematology	0	0	0	0	10	1	0	11
642			Internal Medicine of Kidney	1	0	0	1	4	0	0	4
643			Embryology and Newborn	0	0	0	0	2	0	0	2
644			Endocrinology	0	0	0	0	1	0	0	1
645			Metabolic Science	0	0	0	0	1	2	0	3
			Internal Medicine total	14	5	0	19	131	21	0	152
651			Surgery in General	0	0	0	0	11	1	0	12
652			Gastroenterological Surgery	4	0	0	4	19	1	0	20
653			Thoracic Surgery	0	0	0	0	5	0	0	5

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	23	5	0	28	40	7	0	47
521			Forestry	4	0	0	4	3	0	0	3
522	G		Wood Science	0	0	0	0	5	0	0	5
			Forestry total	4	0	0	4	8	0	0	8
531	R		Fisheries in General	2	0	0	2	2	0	0	2
532			Fisheries Chemistry	0	0	0	0	0	0	0	0
			Fisheries total	2	0	0	2	2	0	0	2
541	I		Agricultural Economics	5	0	0	5	9	0	0	9
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	0	0	2	8	0	0	8
552	U		Agricultural Machinery	2	0	0	2	2	0	0	2
553	L		Biological Environment	1	0	0	1	5	0	0	5
			Agricultural Engineering total	5	0	0	5	15	0	0	15
561	T		Animal Science and Grassland Science	3	0	0	3	2	0	0	2
562	U		Applied Animal Science	4	0	0	4	2	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	5	1	0	6	6	0	0	6
564			Applied Veterinary Medicine	3	0	0	3	5	0	0	5
	E		Animal Science·Veterinary Medicine total	15	1	0	16	15	0	0	15
571			Biological Resource Science	0	0	0	0	3	0	0	3
572			Applied Molecular Cell Biology	1	0	0	1	0	0	0	0
			Interdisciplinary Agricultural Science total	1	0	0	1	3	0	0	3
			AGRICULTURE Total	72	8	0	80	123	7	0	130
601			Anatomy in General (inclu. Histology, Embryology)	9	1	0	10	7	2	0	9
602			Physiology in General	9	3	0	12	10	1	0	11
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	11	0	0	11	8	3	0	11
604			Pharmacology in General	8	1	0	9	5	2	0	7
605			Medical Chemistry in General	4	1	0	5	8	2	0	10
606			Pathological Medical Chemistry	4	1	0	5	3	0	0	3
			Physiology total	45	7	0	52	41	10	0	51
611	M		Hominal Pathology	14	4	0	18	11	1	0	12
612	E		Experimental Pathology	11	1	0	12	6	2	0	8
613	D		Parasitology (inclu. Medical Zoology)	4	0	0	4	8	0	0	8
614			Bacteriology (inclu. Eumycetes)	6	2	0	8	7	2	0	9
615	I		Virology	4	0	0	4	3	0	0	3
616			Immunology	2	1	0	3	2	3	0	5
			Pathology total	41	8	0	49	37	8	0	45
621	C		Hygiene	6	3	0	9	4	1	0	5
622	I		Public Health and Health Science	34	11	0	45	25	13	0	38
623			Legal Medicine	9	1	0	10	5	1	0	6
			Social Medicine total	49	15	0	64	34	15	0	49
631	N		Internal Medicine in General	16	1	0	17	16	1	0	17
632	E		Gastroenterology	28	0	0	28	8	0	0	8
633			Internal Medicine Respiratory System	17	1	0	18	2	0	0	2
634			Neurological Medicine	11	1	0	12	6	1	0	7
635			Cardioangiopathy	23	1	0	24	10	0	0	10
636			Pediatrics	21	3	0	24	9	3	0	12
637			Dermatology	7	2	0	9	7	1	0	8
638			Radiology	13	4	0	17	9	1	0	10
639			Neuropsychiatry	13	2	0	15	5	1	0	6
641			Hematology	3	2	0	5	8	1	0	9
642			Internal Medicine of Kidney	6	0	0	6	5	0	0	5
643			Embryology and Newborn	6	0	0	6	2	0	0	2
644			Endocrinology	5	0	0	5	1	0	0	1
645			Metabolic Science	6	0	0	6	5	0	0	5
			Internal Medicine total	175	17	0	192	93	9	0	102
651			Surgery in General	13	1	0	14	8	0	0	8
652			Gastroenterological Surgery	20	0	0	20	13	0	0	13
653			Thoracic Surgery	12	0	0	12	3	0	0	3

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	18	1	0	19	0	0	0	0
521			Forestry	2	0	0	2	0	0	0	0
522		G	Wood Science	0	0	0	0	0	0	0	0
			Forestry total	2	0	0	2	0	0	0	0
531		R	Fisheries in General	0	0	0	0	0	0	0	0
532			Fisheries Chemistry	0	0	0	0	0	0	0	0
		I	Fisheries total	0	0	0	0	0	0	0	0
541			Agricultural Economics	9	0	0	9	0	0	0	0
551		C	Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	0	0	2	0	0	0	0
552		U	Agricultural Machinery	0	0	0	0	0	0	0	0
553		L	Biological Environment	0	0	0	0	1	0	0	1
			Agricultural Engineering total	2	0	0	2	1	0	0	1
561		T	Animal Science and Grassland Science	3	0	0	3	0	0	0	0
562		U	Applied Animal Science	1	0	0	1	0	0	0	0
563		R	Basic Veterinary Medicine and Basic Animal Science	1	0	0	1	0	0	0	0
564			Applied Veterinary Medicine	1	0	0	1	0	0	0	0
		E	Animal Science-Veterinary Medicine total	6	0	0	6	0	0	0	0
571			Biological Resource Science	0	0	0	0	0	0	0	0
572			Applied Molecular Cell Biology	1	0	0	1	0	0	0	0
			Interdisciplinary Agricultural Science total	1	0	0	1	0	0	0	0
			AGRICULTURE Total	49	2	0	51	1	0	0	1
601			Anatomy in General (inclu. Histology, Embryology)	1	0	0	1	0	0	0	0
602			Physiology in General	1	0	0	1	0	0	0	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	1	0	2	0	0	0	0
604			Pharmacology in General	0	2	0	2	1	0	0	1
605			Medical Chemistry in General	4	1	0	5	0	0	0	0
606			Pathological Medical Chemistry	1	0	0	1	0	0	0	0
		M	Physiology total	8	4	0	12	1	0	0	1
611			Hominal Pathology	2	0	0	2	0	0	0	0
612		E	Experimental Pathology	1	0	0	1	0	0	0	0
613		D	Parasitology (inclu. Medical Zoology)	2	0	0	2	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	4	1	0	5	0	0	0	0
615		I	Virology	1	0	0	1	0	0	0	0
616			Immunology	2	0	0	2	0	0	0	0
		C	Pathology total	12	1	0	13	0	0	0	0
621			Hygiene	4	0	0	4	0	0	0	0
622		I	Public Health and Health Science	3	4	0	7	1	1	0	2
623			Legal Medicine	2	0	0	2	0	0	0	0
		N	Social Medicine total	9	4	0	13	1	1	0	2
631			Internal Medicine in General	3	0	0	3	0	0	0	0
632		E	Gastroenterology	1	0	0	1	0	0	0	0
633			Internal Medicine Respiratory System	2	0	0	2	0	0	0	0
634			Neurological Medicine	0	0	0	0	0	0	0	0
635			Cardioangiopathy	3	0	0	3	0	0	0	0
636			Pediatrics	2	1	0	3	0	0	0	0
637			Dermatology	2	0	0	2	0	0	0	0
638			Radiology	4	0	0	4	0	0	0	0
639			Neuropsychiatry	4	0	0	4	0	0	0	0
641			Hematology	3	0	0	3	0	0	0	0
642			Internal Medicine of Kidney	1	0	0	1	0	0	0	0
643			Embryology and Newborn	0	0	0	0	0	0	0	0
644			Endocrinology	1	0	0	1	0	0	0	0
645			Metabolic Science	0	1	0	1	0	0	0	0
			Internal Medicine total	26	2	0	28	0	0	0	0
651			Surgery in General	3	0	0	3	0	0	0	0
652			Gastroenterological Surgery	0	0	0	0	0	0	0	0
653			Thoracic Surgery	2	0	0	2	0	0	0	0

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
			Agricultural Chemistry total	1	0	0	1	110	26	0	136
521	A		Forestry	0	0	0	0	14	0	0	14
522	G		Wood Science	0	0	1	1	6	0	1	7
			Forestry total	0	0	1	1	20	0	1	21
531	R		Fisheries in General	0	0	0	0	6	0	0	6
532			Fisheries Chemistry	0	0	0	0	2	0	0	2
			Fisheries total	0	0	0	0	8	0	0	8
541	I		Agricultural Economics	0	0	2	2	28	2	2	32
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	16	1	0	17
552	U		Agricultural Machinery	0	0	0	0	4	0	0	4
553	L		Biological Environment	0	0	0	0	10	1	0	11
			Agricultural Engineering total	0	0	0	0	30	2	0	32
561	T		Animal Science and Grassland Science	0	0	0	0	9	1	0	10
562	U		Applied Animal Science	0	0	0	0	8	0	0	8
563	R		Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	17	1	0	18
564			Applied Veterinary Medicine	0	0	0	0	14	1	0	15
	E		Animal Science·Veterinary Medicine total	0	0	0	0	48	3	0	51
571			Biological Resource Science	0	0	0	0	4	0	0	4
572			Applied Molecular Cell Biology	0	0	0	0	5	1	0	6
			Interdisciplinary Agricultural Science total	0	0	0	0	9	1	0	10
			AGRICULTURE Total	2	0	4	6	339	45	4	388
601			Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	24	8	0	32
602			Physiology in General	0	0	0	0	24	6	0	30
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	24	5	1	30
604			Pharmacology in General	0	0	0	0	18	5	0	23
605			Medical Chemistry in General	0	0	0	0	20	6	0	26
606			Pathological Medical Chemistry	0	0	0	0	12	1	0	13
	M		Physiology total	0	0	0	0	122	31	1	154
611			Hominal Pathology	0	0	0	0	39	9	0	48
612	E		Experimental Pathology	0	0	0	0	23	5	0	28
613	D		Parasitology (inclu. Medical Zoology)	0	0	0	0	16	0	0	16
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	22	6	0	28
615	I		Virology	0	0	0	0	12	1	0	13
616			Immunology	0	0	0	0	10	5	0	15
	C		Pathology total	0	0	0	0	122	26	0	148
621			Hygiene	0	0	0	0	16	5	0	21
622	I		Public Health and Health Science	0	1	0	1	74	44	0	118
623			Legal Medicine	0	0	0	0	19	4	0	23
	N		Social Medicine total	0	1	0	1	109	53	0	162
631			Internal Medicine in General	0	0	0	0	47	3	0	50
632	E		Gastroenterology	0	0	0	0	50	1	0	51
633			Internal Medicine Respiratory System	0	0	0	0	33	1	0	34
634			Neurological Medicine	0	0	0	0	26	3	0	29
635			Cardioangiopathy	0	0	0	0	52	2	0	54
636			Pediatrics	0	0	0	0	50	12	0	62
637			Dermatology	0	0	0	0	29	8	0	37
638			Radiology	0	0	0	0	37	7	0	44
639			Neuropsychiatry	0	0	0	0	44	10	0	54
641			Hematology	0	0	0	0	24	4	0	28
642			Internal Medicine of Kidney	0	0	0	0	17	0	0	17
643			Embryology and Newborn	0	0	0	0	10	0	0	10
644			Endocrinology	0	0	0	0	8	0	0	8
645			Metabolic Science	0	0	0	0	12	3	0	15
			Internal Medicine total	0	0	0	0	439	54	0	493
651			Surgery in General	0	0	0	0	35	2	0	37
652			Gastroenterological Surgery	0	0	0	0	56	1	0	57
653			Thoracic Surgery	0	0	0	0	22	0	0	22

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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
654	M		Neurosurgery	2	0	0	2	5	0	0	5
655			Orthopedic Surgery	4	1	0	5	29	5	0	34
656			Anesthesiology and Rescue Medicine	0	1	0	1	26	5	0	31
657			Urology	2	1	0	3	11	0	0	11
658			Obstetrics and Gynecology	0	0	0	0	9	4	0	13
659			Oto-rhino-laryngology	3	3	0	6	21	1	0	22
660			Ophthalmology	1	0	0	1	11	4	0	15
661			Pediatric Surgery	0	0	0	0	1	0	0	1
662			Formative Surgery	0	0	0	0	3	0	0	3
			Surgery total	16	6	0	22	151	21	0	172
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	5	0	0	5
672	D		Functional Basic Dentistry	0	1	0	1	1	0	0	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	2	1	0	3
674	C		Conservative Dentistry	1	0	0	1	1	0	0	1
675			Prosthodontics and Dental Technology	0	0	0	0	2	1	0	3
676	I		Oral Surgery	2	2	0	4	11	0	0	11
677	N		Orthodontics, Pedodontics and Social Dentistry	3	1	0	4	2	4	0	6
678			Periodontological Dentistry	0	0	0	0	2	0	0	2
	E		Dentistry total	6	4	0	10	26	6	0	32
681			Chemical Pharmaceutics	0	0	0	0	4	0	0	4
682			Physical Pharmaceutics	1	0	0	1	3	1	0	4
683			Biopharmaceutics	4	1	0	5	8	1	0	9
684			Molecular Pharmaceutics	2	0	0	2	2	0	0	2
685			Environmental Pharmaceutics	0	0	0	0	2	0	0	2
			Pharmaceutics total	7	1	0	8	19	2	0	21
691			Medical Sociology	1	0	0	1	3	0	0	3
692			Human Genetics	0	0	0	0	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	0	0	0	0
694			Pathological Examination	0	0	0	0	1	1	0	2
696			Science of Basic and Local Nursing	1	6	0	7	3	73	0	76
697			Science of Clinical Nursing	1	20	0	21	8	123	0	131
			Medicine in General total	3	26	0	29	15	197	0	212
			MEDICINE Total	59	49	0	108	404	276	1	681
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
703			Physical Education	2	0	0	2	23	3	0	26
704			Human Geography	1	1	0	2	9	1	0	10
705			Physical Geography	0	0	0	0	4	1	0	5
			Geography total	1	1	0	2	13	2	0	15
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	1	7	0	8
707			Food Culture	1	3	0	4	2	11	0	13
			Domestic Science total	1	3	0	4	3	18	0	21
708			Science of Cultural Property	0	0	0	0	0	0	0	0
711			Science Education	0	0	0	0	0	0	0	0
712	A R E A		Educational Engineering	0	1	0	1	6	0	0	6
713			Curriculum Studies	0	0	0	0	9	6	0	15
714			Japanese Language Education	0	1	0	1	1	2	0	3
			Science Education·Curriculum Education total	0	2	0	2	16	8	0	24
721			Statistics	1	1	0	2	0	1	0	1
731			Computer Science	7	0	0	7	19	0	0	19
732			Intelligent Informatics	7	0	0	7	17	1	0	18
733			Study of Information System (Inclu. Library and Information Science)	4	3	0	7	8	1	0	9
			Information Science total	18	3	0	21	44	2	0	46
741			Social System Engineering	1	0	0	1	11	1	0	12
751	I		Natural Disaster Science	0	0	0	0	0	0	0	0
761			Plasma Science and Technology	0	0	0	0	3	0	0	3
772			Nuclear Fusion	0	0	0	0	0	0	0	0

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	23	0	0	23	8	0	0	8
655			Orthopedic Surgery	39	0	0	39	10	1	0	11
656			Anesthesiology and Rescue Medicine	23	2	0	25	8	1	0	9
657			Urology	18	0	0	18	8	0	0	8
658			Obstetrics and Gynecology	13	1	0	14	7	0	0	7
659			Oto-rhino-laryngology	11	1	0	12	6	0	0	6
660			Ophthalmology	8	1	0	9	2	1	0	3
661			Pediatric Surgery	3	0	0	3	2	0	0	2
662			Formative Surgery	1	0	0	1	0	0	0	0
			Surgery total	184	6	0	190	75	3	0	78
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	4	0	0	4
672	D		Functional Basic Dentistry	0	0	0	0	1	2	0	3
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	0	1	1	0	0	1
674	C		Conservative Dentistry	3	1	0	4	2	0	0	2
675			Prosthodontics and Dental Technology	1	0	0	1	1	0	0	1
676	I		Oral Surgery	15	0	0	15	4	0	0	4
677	N		Orthodontics, Pedodontics and Social Dentistry	1	2	0	3	3	0	0	3
678	E		Periodontological Dentistry	0	0	0	0	1	0	0	1
			Dentistry total	21	3	0	24	17	2	0	19
681			Chemical Pharmaceuticals	4	0	0	4	7	0	0	7
682			Physical Pharmaceuticals	1	0	0	1	4	0	0	4
683			Biopharmaceutics	5	3	0	8	11	2	0	13
684			Molecular Pharmaceuticals	3	0	0	3	0	0	0	0
685			Environmental Pharmaceuticals	2	0	0	2	1	0	0	1
			Pharmaceutics total	15	3	0	18	23	2	0	25
691			Medical Sociology	9	2	0	11	4	2	0	6
692			Human Genetics	1	1	0	2	1	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	3	0	0	3
694			Pathological Examination	7	2	0	9	3	0	0	3
696			Science of Basic and Local Nursing	4	74	0	78	3	43	0	46
697			Science of Clinical Nursing	3	94	1	98	2	58	0	60
			Medicine in General total	24	173	1	198	16	103	0	119
			MEDICINE Total	554	232	1	787	336	152	0	488
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)	1	0	0	1	3	0	0	3
703			Physical Education	23	1	0	24	22	4	0	26
704			Human Geography	5	0	0	5	8	0	0	8
705			Physical Geography	0	0	0	0	1	0	0	1
			Geography total	5	0	0	5	9	0	0	9
706			Home Science(inclu. Cloth/Living Environments)	0	13	0	13	4	12	0	16
707			Food Culture	5	6	0	11	3	15	0	18
			Domestic Science total	5	19	0	24	7	27	0	34
708			Science of Cultural Property	0	0	0	0	2	0	0	2
711			Science Education	1	0	0	1	1	0	0	1
712			Educational Engineering	6	2	0	8	10	1	0	11
713			Curriculum Studies	9	3	0	12	6	2	0	8
714			Japanese Language Education	1	1	0	2	1	0	0	1
			Science Education·Curriculum Education total	17	6	0	23	18	3	0	21
721	A R E A		Statistics	2	0	0	2	3	0	0	3
731			Computer Science	15	0	0	15	8	0	0	8
732			Intelligent Informatics	18	1	0	19	10	1	0	11
733			Study of Information System (Inclu. Library and Information Science)	4	1	0	5	11	0	0	11
			Information Science total	37	2	0	39	29	1	0	30
741	I		Social System Engineering	5	0	0	5	10	0	0	10
751			Natural Disaster Science	0	0	0	0	6	0	0	6
761			Plasma Science and Technology	1	0	0	1	1	0	0	1
772			Nuclear Fusion	0	0	0	0	1	0	0	1

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	0	0	0	0	1	0	0	1
655			Orthopedic Surgery	6	0	0	6	0	0	0	0
656			Anesthesiology and Rescue Medicine	1	0	0	1	0	0	0	0
657			Urology	2	0	0	2	0	0	0	0
658			Obstetrics and Gynecology	6	0	0	6	0	0	0	0
659			Oto-rhino-laryngology	0	0	0	0	0	0	0	0
660			Ophthalmology	1	0	0	1	0	0	0	0
661			Pediatric Surgery	0	0	0	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0	0	0	0
			Surgery total	21	0	0	21	1	0	0	1
671	E		Oral Anatomy and Morphological Basic Dentistry	1	0	0	1	0	0	0	0
672	D		Functional Basic Dentistry	1	0	0	1	0	0	0	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	0	1	0	0	0	0
674	C		Conservative Dentistry	1	0	0	1	0	0	0	0
675			Prosthodontics and Dental Technology	0	0	0	0	0	0	0	0
676	I		Oral Surgery	2	0	0	2	0	0	0	0
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	0	0	0	0
678	E		Periodontological Dentistry	0	0	0	0	0	0	0	0
			Dentistry total	6	0	0	6	0	0	0	0
681			Chemical Pharmaceuticals	4	0	0	4	0	0	0	0
682			Physical Pharmaceuticals	2	0	0	2	0	0	0	0
683			Biopharmaceutics	1	0	0	1	0	0	0	0
684			Molecular Pharmaceuticals	0	0	0	0	0	0	0	0
685			Environmental Pharmaceuticals	1	0	0	1	0	0	0	0
			Pharmaceutics total	8	0	0	8	0	0	0	0
691			Medical Sociology	2	0	0	2	0	0	0	0
692			Human Genetics	0	0	0	0	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	1	0	0	1	0	0	0	0
694			Pathological Examination	6	1	0	7	0	0	0	0
696			Science of Basic and Local Nursing	0	41	0	41	0	1	0	1
697			Science of Clinical Nursing	1	25	0	26	0	1	0	1
			Medicine in General total	10	67	0	77	0	2	0	2
			MEDICINE Total	100	78	0	178	3	3	0	6
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)	2	0	0	2	1	0	0	1
703			Physical Education	8	4	0	12	0	0	0	0
704			Human Geography	0	0	0	0	0	0	0	0
705			Physical Geography	1	0	0	1	0	0	0	0
			Geography total	1	0	0	1	0	0	0	0
706			Home Science(inclu. Cloth/Living Environments)	0	5	0	5	0	0	0	0
707			Food Culture	1	6	0	7	0	0	0	0
			Domestic Science total	1	11	0	12	0	0	0	0
708			Science of Cultural Property	0	0	0	0	0	0	0	0
711			Science Education	1	0	0	1	0	0	0	0
712			Educational Engineering	1	0	0	1	0	0	0	0
713			Curriculum Studies	5	1	0	6	0	0	0	0
714			Japanese Language Education	0	0	0	0	0	0	0	0
			Science Education·Curriculum Education total	7	1	0	8	0	0	0	0
721	A R E A		Statistics	0	0	0	0	0	0	0	0
731			Computer Science	5	0	0	5	2	0	0	2
732			Intelligent Informatics	2	1	0	3	0	0	0	0
733			Study of Information System (Inclu. Library and Information Science)	4	2	0	6	0	0	0	0
			Information Science total	11	3	0	14	2	0	0	2
741			Social System Engineering	2	0	0	2	0	0	0	0
751			Natural Disaster Science	0	0	0	0	0	0	0	0
761			Plasma Science and Technology	3	0	0	3	0	0	0	0
772			Nuclear Fusion	0	0	0	0	0	0	0	0

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
654	M		Neurosurgery	0	0	0	0	39	0	0	39
655			Orthopedic Surgery	0	0	0	0	88	7	0	95
656			Anesthesiology and Rescue Medicine	0	0	0	0	58	9	0	67
657			Urology	1	0	0	1	42	1	0	43
658			Obstetrics and Gynecology	0	0	1	1	35	5	1	41
659			Oto-rhino-laryngology	0	0	1	1	41	5	1	47
660			Ophthalmology	0	0	0	0	23	6	0	29
661			Pediatric Surgery	0	0	0	0	6	0	0	6
662			Formative Surgery	0	0	0	0	4	0	0	4
			Surgery total	1	0	2	3	449	36	2	487
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	10	0	0	10
672	D		Functional Basic Dentistry	0	0	0	0	3	3	0	6
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	5	1	0	6
674	C		Conservative Dentistry	0	0	0	0	8	1	0	9
675			Prosthodontics and Dental Technology	0	0	0	0	4	1	0	5
676	I		Oral Surgery	0	0	0	0	34	2	0	36
677	N		Orthodontics, Pedodontics and Social Dentistry	1	0	0	1	10	7	0	17
678			Periodontological Dentistry	0	0	0	0	3	0	0	3
	E		Dentistry total	1	0	0	1	77	15	0	92
681			Chemical Pharmaceutics	0	0	0	0	19	0	0	19
682			Physical Pharmaceutics	0	0	0	0	11	1	0	12
683			Biopharmaceutics	0	0	0	0	29	7	0	36
684			Molecular Pharmaceutics	0	0	0	0	7	0	0	7
685			Environmental Pharmaceutics	0	0	0	0	6	0	0	6
			Pharmaceutics total	0	0	0	0	72	8	0	80
691			Medical Sociology	0	0	0	0	19	4	0	23
692			Human Genetics	0	0	0	0	2	1	0	3
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	4	0	0	4
694			Pathological Examination	0	0	0	0	17	4	0	21
696			Science of Basic and Local Nursing	0	6	0	6	11	244	0	255
697			Science of Clinical Nursing	0	4	1	5	15	325	2	342
			Medicine in General total	0	10	1	11	68	578	2	648
			MEDICINE Total	2	11	3	16	1,458	801	5	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	0	0	0	7	0	0	7
703			Physical Education	0	0	1	1	78	12	1	91
704			Human Geography	0	0	0	0	23	2	0	25
705			Physical Geography	0	0	0	0	6	1	0	7
			Geography total	0	0	0	0	29	3	0	32
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	0	5	37	0	42
707			Food Culture	0	0	0	0	12	41	0	53
			Domestic Science total	0	0	0	0	17	78	0	95
708			Science of Cultural Property	0	0	0	0	2	0	0	2
711			Science Education	0	0	0	0	3	0	0	3
712	A R E A		Educational Engineering	0	0	0	0	23	4	0	27
713			Curriculum Studies	0	1	0	1	29	13	0	42
714			Japanese Language Education	0	0	0	0	3	4	0	7
			Science Education·Curriculum Education total	0	1	0	1	58	21	0	79
721			Statistics	0	0	0	0	6	2	0	8
731			Computer Science	1	0	0	1	57	0	0	57
732			Intelligent Informatics	1	0	0	1	55	4	0	59
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	0	31	7	0	38
			Information Science total	2	0	0	2	143	11	0	154
741			Social System Engineering	1	0	0	1	30	1	0	31
751	I		Natural Disaster Science	0	0	0	0	6	0	0	6
761			Plasma Science and Technology	0	0	0	0	8	0	0	8
772			Nuclear Fusion	0	0	0	0	1	0	0	1

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	0	0	0	0	3	0	0	3
774			Nuclear Power Science	0	0	0	0	0	0	0	0
			Energy total	0	0	0	0	3	0	0	3
801			Environmental Dynamic Analysis	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	5	1	0	6
803			Environmental Preservation	0	0	0	0	6	1	0	7
			Environmental Science total	0	0	0	0	11	2	0	13
811			Biological Organic Chemistry	0	0	0	0	3	0	0	3
812			Structured Biochemistry	1	0	0	1	1	1	0	2
813			Functional Biochemistry	1	0	0	1	3	0	0	3
			Biological Chemistry total	2	0	0	2	7	1	0	8
821			Biophysics	0	0	0	0	7	0	0	7
822			Molecular Biology	3	0	0	3	13	2	0	15
823			Cell Biology	1	0	0	1	5	0	0	5
824			Developmental Biology	0	0	0	0	3	1	0	4
			Basic Biology total	4	0	0	4	28	3	0	31
831			Neuroanatomy and Neuropathology	0	0	0	0	3	0	0	3
832			Neurochemistry and Neuropharmacology	0	0	0	0	1	2	0	3
833			Neuro Science in General	1	0	0	1	8	2	0	10
834			Neuro and Muscular Physiology	0	0	0	0	4	1	0	5
			Neuro Science (inclu. Brain Science) total	1	0	0	1	16	5	0	21
841			Laboratory Animal Science	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	5	1	0	6
			INTERDISCIPLINARY AREA Total	31	10	0	41	183	47	0	230
999			WIDE AREA Total	2	1	0	3	20	14	0	34
			Item n.a. Total	219	128	0	347	810	259	10	1,079
			Grand Total	438	229	1	668	2,060	735	11	2,806

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	3	0	0	3	1	0	0	1
774			Nuclear Power Science	1	0	0	1	0	0	0	0
			Energy total	4	0	0	4	2	0	0	2
801			Environmental Dynamic Analysis	5	0	0	5	5	1	0	6
802			Environmental Influence Assessment (inclu. Radiobiology)	6	1	0	7	5	2	0	7
803			Environmental Preservation	7	0	0	7	5	1	0	6
			Environmental Science total	18	1	0	19	15	4	0	19
811			Biological Organic Chemistry	0	1	0	1	9	0	0	9
812			Structured Biochemistry	7	1	0	8	3	0	0	3
813			Functional Biochemistry	4	2	0	6	10	3	0	13
			Biological Chemistry total	11	4	0	15	22	3	0	25
821			Biophysics	5	0	0	5	7	1	0	8
822			Molecular Biology	12	0	0	12	4	1	0	5
823			Cell Biology	9	1	0	10	9	1	0	10
824			Developmental Biology	4	0	0	4	4	0	0	4
			Basic Biology total	30	1	0	31	24	3	0	27
831			Neuroanatomy and Neuropathology	2	0	0	2	6	1	0	7
832			Neurochemistry and Neuropharmacology	7	0	0	7	7	0	0	7
833			Neuro Science in General	12	3	0	15	1	1	0	2
834			Neuro and Muscular Physiology	3	1	0	4	7	0	0	7
			Neuro Science (inclu. Brain Science) total	24	4	0	28	21	2	0	23
841			Laboratory Animal Science	2	1	0	3	4	0	0	4
851			Medical Organism Engineering and Material Science of Organism	8	0	0	8	5	1	0	6
			INTERDISCIPLINARY AREA Total	193	39	0	232	203	48	0	251
999			WIDE AREA Total	31	17	0	48	32	14	0	46
			Item n.a. Total	637	183	7	827	508	109	3	620
			Grand Total	2,244	611	8	2,863	2,084	451	3	2,538

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

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	0	0	0	0	0	0	0	0
774			Nuclear Power Science	0	0	0	0	0	0	0	0
			Energy total	0	0	0	0	0	0	0	0
801			Environmental Dynamic Analysis	0	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	4	0	0	4	0	0	0	0
803			Environmental Preservation	4	2	0	6	0	0	0	0
			Environmental Science total	8	2	0	10	0	0	0	0
811			Biological Organic Chemistry	0	0	0	0	0	0	0	0
812			Structured Biochemistry	2	0	0	2	0	0	0	0
813			Functional Biochemistry	5	0	0	5	0	0	0	0
			Biological Chemistry total	7	0	0	7	0	0	0	0
821			Biophysics	2	0	0	2	0	0	0	0
822			Molecular Biology	0	0	0	0	0	0	0	0
823			Cell Biology	0	2	0	2	0	0	0	0
824			Developmental Biology	1	0	0	1	0	0	0	0
			Basic Biology total	3	2	0	5	0	0	0	0
831			Neuroanatomy and Neuropathology	2	0	0	2	0	0	0	0
832			Neurochemistry and Neuropharmacology	1	0	0	1	0	0	0	0
833			Neuro Science in General	2	0	0	2	0	0	0	0
834			Neuro and Muscular Physiology	1	0	0	1	0	0	0	0
			Neuro Science (inclu. Brain Science) total	6	0	0	6	0	0	0	0
841			Laboratory Animal Science	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	3	0	0	3	0	0	0	0
			INTERDISCIPLINARY AREA Total	62	23	0	85	3	0	0	3
999			WIDE AREA Total	14	8	0	22	1	0	0	1
			Item n.a. Total	146	35	2	183	4	0	0	4
			Grand Total	735	169	2	906	27	3	0	30

Table 7. Number of Researchers by Field of Specialization / by Age / by Gender (Municipal Institutions)

Code	Subj ect	Subd ivisio n	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	7	0	0	7
774			Nuclear Power Science	0	0	0	0	1	0	0	1
			Energy total	0	0	0	0	9	0	0	9
801			Environmental Dynamic Analysis	0	0	0	0	10	1	0	11
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	20	4	0	24
803			Environmental Preservation	1	0	0	1	23	4	0	27
			Environmental Science total	1	0	0	1	53	9	0	62
811			Biological Organic Chemistry	0	0	0	0	12	1	0	13
812			Structured Biochemistry	0	0	0	0	14	2	0	16
813			Functional Biochemistry	0	0	1	1	23	5	1	29
			Biological Chemistry total	0	0	1	1	49	8	1	58
821			Biophysics	0	0	0	0	21	1	0	22
822			Molecular Biology	0	0	0	0	32	3	0	35
823			Cell Biology	0	0	0	0	24	4	0	28
824			Developmental Biology	0	0	0	0	12	1	0	13
			Basic Biology total	0	0	0	0	89	9	0	98
831	A R E A		Neuroanatomy and Neuropathology	0	0	0	0	13	1	0	14
832			Neurochemistry and Neuropharmacology	0	0	0	0	16	2	0	18
833			Neuro Science in General	0	0	0	0	24	6	0	30
834			Neuro and Muscular Physiology	0	0	0	0	15	2	0	17
			Neuro Science (inclu. Brain Science) total	0	0	0	0	68	11	0	79
841			Laboratory Animal Science	0	0	0	0	6	1	0	7
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	21	2	0	23
			INTERDISCIPLINARY AREA Total	4	1	2	7	679	168	2	849
999			WIDE AREA Total	2	1	0	3	102	55	0	157
			Item n.a. Total	31	19	1,340	1,390	2,355	733	1,362	4,450
			Grand Total	51	36	1,352	1,439	7,639	2,234	1,377	11,250

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	5	0	0	5	23	3	0	26
212			Chinese Philosophy	2	1	0	3	7	3	0	10
213			Indian Philosophy (inclu. Buddhist Studies)	17	3	0	20	32	4	0	36
214			Religion	5	2	0	7	30	5	0	35
215			Ethics	2	0	0	2	5	1	0	6
216			History of Philosophy	3	2	0	5	17	4	0	21
217			Aesthetics (inclu. Arts)	12	18	0	30	86	44	0	130
218			Art History	3	8	0	11	8	15	0	23
			Philosophy total	49	34	0	83	208	79	0	287
221			Experimental Psychology	12	7	0	19	45	19	1	65
222			Educational and Social	25	37	0	62	131	121	1	253
223			Sociology	34	37	0	71	164	120	0	284
224			Education	15	8	0	23	103	76	0	179
225			Cultural Anthropology (inclu. Ethnology and Folklore)	5	6	0	11	29	19	0	48
			Psychology·Sociology·Education Cultural Anthropology total	91	95	0	186	472	355	2	829
231			Japanese History	21	6	0	27	31	11	0	42
232			Oriental History	7	0	1	8	23	2	0	25
233			European History	8	4	0	12	25	20	0	45
234			Archaeology (inclu. Prehistory)	5	1	1	7	7	0	0	7
			History total	41	11	2	54	86	33	0	119
241			Japanese Language	2	4	0	6	23	23	0	46
242			Japanese Literature	10	23	0	33	43	59	0	102
243			Chinese Language and Literature	5	3	0	8	22	19	0	41
244			English Language and Literature	12	21	0	33	141	107	0	248
245			French Language and Literature	2	5	0	7	15	7	0	22
246			German Language and Literature	1	5	0	6	17	9	0	26
247			Other Foreign Languages and Literatures	1	3	0	4	21	7	0	28
248			Linguistics and Phonetics	10	10	0	20	87	76	1	164
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	3	7	0	10	20	12	0	32
			Literature total	46	81	0	127	389	319	1	709
			ARTS·HUMANITIES Total	227	221	2	450	1,155	786	3	1,944
261	L A W		Basic Science of Law	2	2	0	4	19	9	0	28
262			Public Law	13	1	0	14	18	12	0	30
263			International Law	4	2	0	6	15	6	0	21
264			Civil Law	17	6	0	23	68	25	0	93
265			Social Law	1	1	0	2	9	3	0	12
266			Criminal Law	7	1	0	8	10	2	0	12
267			Politics	25	8	0	33	96	25	1	122
			LAW Total	69	21	0	90	235	82	1	318
271	E C O N O M I C S		General Theory of Economics	19	8	0	27	90	18	0	108
272			Economical Statistics	7	0	0	7	21	4	0	25
273			Economic Policy (inclu. Economic Condition)	13	8	0	21	87	24	0	111
274			Economic History	8	2	0	10	39	5	0	44
275			Public Finance, Money and Banking	10	2	0	12	41	9	0	50
276			Commercial Science	8	2	0	10	50	17	0	67
277			Business Administration	21	9	0	30	115	24	0	139
278			Accounting	15	3	0	18	74	12	0	86
			ECONOMICS Total	101	34	0	135	517	113	0	630
301	S C I E N C E		Algebra	5	2	0	7	20	0	1	21
302			Geometry	1	1	0	2	18	2	0	20
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	11	0	0	11	40	4	0	44
305			Basic Analysis	5	0	0	5	14	2	0	16
306			Larger-area Analysis	2	2	0	4	12	3	0	15
			Mathematics total	24	5	0	29	104	11	1	116
311			Astronomy	1	1	0	2	1	2	0	3
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	4	2	0	6	30	1	0	31

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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
211	A R T S · H U M A N I T I E S		Philosophy	70	8	0	78	134	13	1	148
212			Chinese Philosophy	20	1	0	21	26	2	0	28
213			Indian Philosophy (inclu. Buddhist Studies)	68	2	0	70	87	2	0	89
214			Religion	66	15	0	81	89	12	0	101
215			Ethics	20	1	0	21	34	3	0	37
216			History of Philosophy	38	8	0	46	68	7	0	75
217			Aesthetics (inclu. Arts)	251	143	1	395	367	200	0	567
218			Art History	36	27	0	63	49	17	0	66
			Philosophy total	569	205	1	775	854	256	1	1,111
221			Experimental Psychology	64	12	0	76	70	19	0	89
222			Educational and Social	200	158	0	358	227	121	0	348
223			Sociology	251	148	0	399	367	145	0	512
224			Education	200	121	0	321	257	127	0	384
225			Cultural Anthropology (inclu. Ethnology and Folklore)	72	40	0	112	87	28	0	115
			Psychology·Sociology·Education Cultural Anthropology total	787	479	0	1,266	1,008	440	0	1,448
231			Japanese History	91	11	0	102	129	19	0	148
232			Oriental History	50	13	0	63	77	14	0	91
233			European History	76	25	0	101	77	28	0	105
234			Archaeology (inclu. Prehistory)	34	7	0	41	34	2	0	36
			History total	251	56	0	307	317	63	0	380
241			Japanese Language	51	23	0	74	40	15	0	55
242			Japanese Literature	182	87	0	269	227	65	1	293
243			Chinese Language and Literature	75	20	0	95	69	24	0	93
244			English Language and Literature	331	207	0	538	500	269	1	770
245			French Language and Literature	41	22	0	63	100	41	0	141
246			German Language and Literature	57	15	0	72	134	26	0	160
247			Other Foreign Languages and Literatures	49	19	0	68	71	21	0	92
248			Linguistics and Phonetics	176	92	0	268	159	63	1	223
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	35	26	0	61	44	30	0	74
			Literature total	997	511	0	1,508	1,344	554	3	1,901
			ARTS·HUMANITIES Total	2,604	1,251	1	3,856	3,523	1,313	4	4,840
261	L A W		Basic Science of Law	40	5	1	46	62	3	0	65
262			Public Law	75	5	0	80	80	6	0	86
263			International Law	43	4	0	47	29	0	0	29
264			Civil Law	105	14	0	119	122	16	0	138
265			Social Law	23	3	0	26	33	7	0	40
266			Criminal Law	33	4	0	37	50	2	0	52
267			Politics	151	22	0	173	159	11	0	170
			LAW Total	470	57	1	528	535	45	0	580
271	E C O N O M I C S		General Theory of Economics	148	13	0	161	236	4	0	240
272			Economical Statistics	32	4	0	36	40	1	0	41
273			Economic Policy (inclu. Economic Condition)	122	18	0	140	285	12	0	297
274			Economic History	55	6	0	61	110	6	1	117
275			Public Finance, Money and Banking	71	6	0	77	110	3	0	113
276			Commercial Science	68	7	0	75	129	9	0	138
277			Business Administration	199	37	0	236	295	18	0	313
278			Accounting	106	11	0	117	151	4	0	155
			ECONOMICS Total	801	102	0	903	1,356	57	1	1,414
301	S C I E N C E		Algebra	37	1	0	38	68	2	0	70
302			Geometry	25	1	0	26	47	5	0	52
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	56	4	0	60	78	12	0	90
305			Basic Analysis	31	2	0	33	63	2	0	65
306			Larger-area Analysis	9	1	0	10	16	1	0	17
			Mathematics total	158	9	0	167	272	22	0	294
311			Astronomy	4	0	0	4	22	0	0	22
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	52	4	1	57	89	0	0	89

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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
211	A R T S · H U M A N I T I E S		Philosophy	100	6	0	106	9	3	0	12
212			Chinese Philosophy	21	2	0	23	4	0	0	4
213			Indian Philosophy (inclu. Buddhist Studies)	71	0	0	71	12	0	0	12
214			Religion	62	7	0	69	10	0	0	10
215			Ethics	22	6	0	28	2	1	0	3
216			History of Philosophy	29	2	0	31	3	0	0	3
217			Aesthetics (inclu. Arts)	287	89	0	376	16	2	0	18
218			Art History	41	5	0	46	7	0	0	7
			Philosophy total	633	117	0	750	63	6	0	69
221			Experimental Psychology	49	12	0	61	12	0	0	12
222			Educational and Social	212	73	0	285	49	0	0	49
223			Sociology	283	79	1	363	48	7	0	55
224			Education	263	83	0	346	45	8	0	53
225			Cultural Anthropology (inclu. Ethnology and Folklore)	53	17	0	70	7	2	0	9
			Psychology·Sociology·Education Cultural Anthropology total	860	264	1	1,125	161	17	0	178
231			Japanese History	114	7	0	121	16	1	0	17
232			Oriental History	55	1	0	56	6	0	0	6
233			European History	74	10	0	84	11	0	0	11
234			Archaeology (inclu. Prehistory)	25	2	0	27	3	0	0	3
			History total	268	20	0	288	36	1	0	37
241			Japanese Language	60	16	0	76	12	2	0	14
242			Japanese Literature	194	26	0	220	26	2	0	28
243			Chinese Language and Literature	48	9	0	57	5	0	0	5
244			English Language and Literature	502	157	1	660	64	2	0	66
245			French Language and Literature	73	16	0	89	3	0	0	3
246			German Language and Literature	97	13	0	110	2	0	0	2
247			Other Foreign Languages and Literatures	49	12	0	61	6	0	0	6
248			Linguistics and Phonetics	106	37	0	143	9	3	0	12
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	44	16	0	60	2	1	0	3
			Literature total	1,173	302	1	1,476	129	10	0	139
			ARTS·HUMANITIES Total	2,934	703	2	3,639	389	34	0	423
261	L A W		Basic Science of Law	33	1	0	34	8	0	0	8
262			Public Law	67	0	1	68	10	0	0	10
263			International Law	45	3	0	48	11	0	0	11
264			Civil Law	111	8	0	119	27	0	0	27
265			Social Law	20	2	0	22	9	0	0	9
266			Criminal Law	34	3	0	37	5	0	0	5
267			Politics	146	7	0	153	7	1	0	8
			LAW Total	456	24	1	481	77	1	0	78
271	E C O N O M I C S		General Theory of Economics	122	2	0	124	22	1	0	23
272			Economical Statistics	21	1	0	22	1	1	0	2
273			Economic Policy (inclu. Economic Condition)	209	11	1	221	30	1	0	31
274			Economic History	48	3	0	51	8	0	0	8
275			Public Finance, Money and Banking	98	1	0	99	21	0	0	21
276			Commercial Science	95	1	0	96	13	0	0	13
277			Business Administration	255	7	0	262	42	1	0	43
278			Accounting	135	4	0	139	14	0	0	14
			ECONOMICS Total	983	30	1	1,014	151	4	0	155
301	S C I E N C E		Algebra	36	1	0	37	4	0	0	4
302			Geometry	17	0	0	17	3	0	0	3
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	46	8	0	54	5	0	0	5
305			Basic Analysis	26	1	0	27	0	0	0	0
306			Larger-area Analysis	6	1	0	7	0	0	0	0
			Mathematics total	131	11	0	142	12	0	0	12
311			Astronomy	6	0	0	6	2	0	0	2
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	53	6	0	59	5	0	0	5

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	1	0	0	1	342	33	1	376
212			Chinese Philosophy	0	0	1	1	80	9	1	90
213			Indian Philosophy (inclu. Buddhist Studies)	0	1	0	1	287	12	0	299
214			Religion	0	1	1	2	262	42	1	305
215			Ethics	0	0	0	0	85	12	0	97
216			History of Philosophy	1	0	0	1	159	23	0	182
217			Aesthetics (inclu. Arts)	1	4	1	6	1,020	500	2	1,522
218			Art History	0	3	1	4	144	75	1	220
			Philosophy total	3	9	4	16	2,379	706	6	3,091
221			Experimental Psychology	2	0	3	5	254	69	4	327
222			Educational and Social	9	5	6	20	853	515	7	1,375
223			Sociology	4	5	7	16	1,151	541	8	1,700
224			Education	1	8	3	12	884	431	3	1,318
225			Cultural Anthropology (inclu. Ethnology and Folklore)	2	2	1	5	255	114	1	370
			Psychology·Sociology·Education Cultural Anthropology total	18	20	20	58	3,397	1,670	23	5,090
231			Japanese History	1	1	1	3	403	56	1	460
232			Oriental History	0	0	2	2	218	30	3	251
233			European History	1	1	2	4	272	88	2	362
234			Archaeology (inclu. Prehistory)	0	0	0	0	108	12	1	121
			History total	2	2	5	9	1,001	186	7	1,194
241			Japanese Language	0	0	0	0	188	83	0	271
242			Japanese Literature	0	3	3	6	682	265	4	951
243			Chinese Language and Literature	1	0	2	3	225	75	2	302
244			English Language and Literature	4	10	3	17	1,554	773	5	2,332
245			French Language and Literature	1	0	0	1	235	91	0	326
246			German Language and Literature	1	0	1	2	309	68	1	378
247			Other Foreign Languages and Literatures	1	2	0	3	198	64	0	262
248			Linguistics and Phonetics	2	5	1	8	549	286	3	838
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	2	0	4	150	94	0	244
			Literature total	12	22	10	44	4,090	1,799	15	5,904
			ARTS·HUMANITIES Total	35	53	39	127	10,867	4,361	51	15,279
261	L A W		Basic Science of Law	3	0	1	4	167	20	2	189
262			Public Law	3	0	2	5	266	24	3	293
263			International Law	0	0	0	0	147	15	0	162
264			Civil Law	0	0	3	3	450	69	3	522
265			Social Law	1	1	0	2	96	17	0	113
266			Criminal Law	0	1	0	1	139	13	0	152
267			Politics	2	1	2	5	586	75	3	664
			LAW Total	9	3	8	20	1,851	233	11	2,095
271	E C O N O M I C S		General Theory of Economics	2	1	4	7	639	47	4	690
272			Economical Statistics	0	1	2	3	122	12	2	136
273			Economic Policy (inclu. Economic Condition)	1	2	1	4	747	76	2	825
274			Economic History	1	0	0	1	269	22	1	292
275			Public Finance, Money and Banking	2	0	1	3	353	21	1	375
276			Commercial Science	3	1	0	4	366	37	0	403
277			Business Administration	3	1	4	8	930	97	4	1,031
278			Accounting	0	0	1	1	495	34	1	530
			ECONOMICS Total	12	6	13	31	3,921	346	15	4,282
301	S C I E N C E		Algebra	1	1	0	2	171	7	1	179
302			Geometry	0	0	0	0	111	9	0	120
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	2	2	0	4	238	30	0	268
305			Basic Analysis	1	0	0	1	140	7	0	147
306			Larger-area Analysis	0	0	0	0	45	8	0	53
			Mathematics total	4	3	0	7	705	61	1	767
311			Astronomy	0	0	0	0	36	3	0	39
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	0	233	13	1	247

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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)	4	2	0	6	17	1	0	18
323			Solid-State Physics II (Magnetism, Metal Physics,	6	0	0	6	18	1	0	19
324			Physical Properties in General (inclu. Basic Theories)	6	0	0	6	15	0	0	15
325			Physics in General	3	0	0	3	16	0	0	16
			Physics total	23	4	0	27	96	3	0	99
331			Physics of Solid Earth	0	0	0	0	6	0	0	6
332			Meteorology, Oceanography and Hydrology	0	0	0	0	7	0	0	7
333			Aeronomy	1	0	0	1	0	1	0	1
334			Geology	2	0	0	2	7	1	0	8
335			Stratigraphy and Paleontology	3	0	0	3	3	0	0	3
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	3	0	0	3
337			Geochemistry	0	0	0	0	4	0	0	4
			Earth Science total	6	0	0	6	30	2	0	32
341			Physical Chemistry	7	0	0	7	19	6	0	25
342			Organic Chemistry	8	1	0	9	21	2	0	23
343			Inorganic Chemistry	2	2	0	4	15	2	0	17
344			Function, Properties and Materials in Chemistry	4	1	0	5	14	0	0	14
345			Substance Transformation	1	0	0	1	1	0	0	1
346			Separation, Refining and Identification	2	0	0	2	7	2	0	9
			Chemistry total	24	4	0	28	77	12	0	89
351			Genetics	1	1	1	3	8	0	0	8
352			Ecology	2	0	0	2	10	1	0	11
353			Plant Physiology	4	1	0	5	7	4	0	11
354			Morphology, Structure of Organism	0	1	0	1	2	2	0	4
355			Animal Physiology and	3	0	1	4	3	1	0	4
356			Morphology and Taxonomy	2	0	0	2	2	1	0	3
			Biology total	12	3	2	17	32	9	0	41
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	0	2	3	1	0	4
	SCIENCE Total			91	18	2	111	343	40	1	384
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	4	0	0	4	10	0	0	10
402			Surface Physics	1	0	0	1	3	0	0	3
403			Applied Optics and Quantum Optics	1	1	0	2	11	1	0	12
404			General Applied Physics	1	0	0	1	10	0	0	10
405			Fundamentals of Engineering	2	2	0	4	6	1	0	7
			Applied Physics-Fundamentals of Engineering total	9	3	0	12	40	2	0	42
411			Materials for Machines and Strength of Materials	6	0	0	6	21	0	0	21
412			Workshop Processes and Production Engineering	5	1	0	6	17	0	0	17
413			Design Engineering, Machine Elements and Tribology	2	1	0	3	5	0	0	5
414			Fluid Mechanics	7	1	0	8	15	0	0	15
415			Heat Engineering	6	0	0	6	13	0	0	13
416			Mechanics and Control Engineering	3	0	0	3	22	1	0	23
417			Intelligent Mechanics and Machine System	4	2	0	6	30	2	0	32
			Machine Engineering total	33	5	0	38	123	3	0	126
421			Electric Power Engineering and Electric Machinery	7	0	1	8	18	0	0	18
422			Electronic and Electric Materials Engineering	7	2	0	9	19	2	0	21
423			Electron Devices and Apparatus Engineering	5	0	0	5	30	1	0	31
424			Information and Communication Engineering	26	2	1	29	62	5	0	67

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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)	25	0	0	25	40	2	0	42
323			Solid-State Physics II (Magnetism, Metal Physics,	16	0	0	16	34	4	0	38
324			Physical Properties in General (inclu. Basic Theories)	21	0	0	21	46	0	0	46
325			Physics in General	21	1	0	22	42	4	0	46
			Physics total	135	5	1	141	251	10	0	261
331			Physics of Solid Earth	6	0	0	6	8	1	0	9
332			Meteorology, Oceanography and Hydrology	9	1	0	10	21	2	0	23
333			Aeronomy	1	1	0	2	5	1	0	6
334			Geology	3	0	0	3	7	0	0	7
335			Stratigraphy and Paleontology	3	0	0	3	1	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	2	0	0	2	9	0	0	9
337			Geochemistry	6	0	0	6	9	1	0	10
			Earth Science total	30	2	0	32	60	5	0	65
341			Physical Chemistry	26	4	0	30	59	1	0	60
342			Organic Chemistry	26	0	0	26	48	11	0	59
343			Inorganic Chemistry	18	1	0	19	25	4	0	29
344			Function, Properties and Materials in Chemistry	13	2	0	15	21	2	0	23
345			Substance Transformation	0	0	1	1	5	0	0	5
346			Separation, Refining and Identification	8	5	0	13	31	4	0	35
			Chemistry total	91	12	1	104	189	22	0	211
351			Genetics	12	1	0	13	15	1	0	16
352			Ecology	28	6	0	34	34	4	0	38
353			Plant Physiology	9	3	0	12	12	3	0	15
354			Morphology, Structure of Organism	7	1	0	8	17	4	0	21
355			Animal Physiology and	8	2	0	10	12	6	0	18
356			Morphology and Taxonomy	12	2	0	14	23	0	0	23
			Biology total	76	15	0	91	113	18	0	131
361			Physical Anthropology (inclu. Physiological Anthropology)	13	3	0	16	13	4	0	17
	SCIENCE Total			507	46	2	555	920	81	0	1,001
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	10	1	0	11	21	0	1	22
402			Surface Physics	5	1	0	6	16	2	0	18
403			Applied Optics and Quantum Optics	14	0	0	14	41	0	0	41
404			General Applied Physics	10	0	0	10	26	0	0	26
405			Fundamentals of Engineering	11	1	0	12	10	0	0	10
			Applied Physics-Fundamentals of Engineering total	50	3	0	53	114	2	1	117
411			Materials for Machines and Strength of Materials	28	0	0	28	68	0	0	68
412			Workshop Processes and Production Engineering	14	0	0	14	51	0	0	51
413			Design Engineering, Machine Elements and Tribology	14	1	0	15	45	0	0	45
414			Fluid Mechanics	29	1	0	30	60	0	0	60
415			Heat Engineering	33	0	0	33	52	0	0	52
416			Mechanics and Control Engineering	22	0	0	22	42	0	0	42
417			Intelligent Mechanics and Machine System	26	0	0	26	46	0	1	47
			Machine Engineering total	166	2	0	168	364	0	1	365
421			Electric Power Engineering and Electric Machinery	20	0	0	20	77	0	0	77
422			Electronic and Electric Materials Engineering	27	1	0	28	65	1	0	66
423			Electron Devices and Apparatus Engineering	29	1	0	30	68	0	0	68
424			Information and Communication Engineering	65	2	0	67	162	2	0	164

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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)	24	0	0	24	3	0	0	3
323			Solid-State Physics II (Magnetism, Metal Physics,	35	1	0	36	2	0	0	2
324			Physical Properties in General (inclu. Basic Theories)	17	0	0	17	6	0	0	6
325			Physics in General	21	4	0	25	2	0	0	2
			Physics total	150	11	0	161	18	0	0	18
331			Physics of Solid Earth	8	1	0	9	1	0	0	1
332			Meteorology, Oceanography and Hydrology	13	0	0	13	1	0	0	1
333			Aeronomy	9	0	0	9	1	0	0	1
334			Geology	10	0	0	10	3	0	0	3
335			Stratigraphy and Paleontology	5	0	0	5	1	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	6	0	0	6	2	0	0	2
337			Geochemistry	9	0	0	9	0	0	0	0
			Earth Science total	60	1	0	61	9	0	0	9
341			Physical Chemistry	32	4	0	36	3	0	0	3
342			Organic Chemistry	28	2	0	30	3	0	0	3
343			Inorganic Chemistry	20	3	0	23	2	0	0	2
344			Function, Properties and Materials in Chemistry	17	2	0	19	0	0	0	0
345			Substance Transformation	1	0	0	1	0	0	0	0
346			Separation, Refining and Identification	16	1	0	17	2	0	0	2
			Chemistry total	114	12	0	126	10	0	0	10
351			Genetics	6	1	0	7	2	0	0	2
352			Ecology	25	0	0	25	2	0	0	2
353			Plant Physiology	10	2	0	12	4	0	0	4
354			Morphology, Structure of Organism	8	6	0	14	3	0	0	3
355			Animal Physiology and	5	3	0	8	0	0	0	0
356			Morphology and Taxonomy	12	2	0	14	1	0	0	1
			Biology total	66	14	0	80	12	0	0	12
361			Physical Anthropology (inclu. Physiological Anthropology)	3	2	0	5	2	0	0	2
	SCIENCE Total			530	51	0	581	65	0	0	65
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	23	0	0	23	2	0	0	2
402			Surface Physics	13	1	0	14	1	0	0	1
403			Applied Optics and Quantum Optics	26	1	0	27	0	0	0	0
404			General Applied Physics	16	0	0	16	0	1	0	1
405			Fundamentals of Engineering	8	0	1	9	0	0	0	0
			Applied Physics-Fundamentals of Engineering total	86	2	1	89	3	1	0	4
411			Materials for Machines and Strength of Materials	50	0	0	50	5	0	0	5
412			Workshop Processes and Production Engineering	57	0	0	57	2	0	0	2
413			Design Engineering, Machine Elements and Tribology	38	0	0	38	3	0	0	3
414			Fluid Mechanics	46	0	0	46	3	0	0	3
415			Heat Engineering	39	0	0	39	3	0	0	3
416			Mechanics and Control Engineering	36	0	0	36	1	0	0	1
417			Intelligent Mechanics and Machine System	32	0	0	32	2	0	0	2
			Machine Engineering total	298	0	0	298	19	0	0	19
421			Electric Power Engineering and Electric Machinery	73	1	0	74	4	0	0	4
422			Electronic and Electric Materials Engineering	49	0	0	49	3	0	0	3
423			Electron Devices and Apparatus Engineering	70	0	0	70	0	0	0	0
424			Information and Communication Engineering	114	2	1	117	7	0	0	7

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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)	0	0	0	0	113	5	0	118
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	0	0	111	6	0	117
324			Physical Properties in General (inclu. Basic Theories)	1	0	0	1	112	0	0	112
325			Physics in General	1	0	0	1	106	9	0	115
			Physics total	2	0	0	2	675	33	1	709
331			Physics of Solid Earth	0	0	0	0	29	2	0	31
332			Meteorology, Oceanography and Hydrology	0	0	0	0	51	3	0	54
333			Aeronomy	0	0	0	0	17	3	0	20
334			Geology	1	0	0	1	33	1	0	34
335			Stratigraphy and Paleontology	0	0	0	0	16	0	0	16
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	22	0	0	22
337			Geochemistry	0	0	0	0	28	1	0	29
			Earth Science total	1	0	0	1	196	10	0	206
341			Physical Chemistry	0	0	0	0	146	15	0	161
342			Organic Chemistry	0	0	0	0	134	16	0	150
343			Inorganic Chemistry	0	0	0	0	82	12	0	94
344			Function, Properties and Materials in Chemistry	0	0	0	0	69	7	0	76
345			Substance Transformation	0	0	0	0	8	0	1	9
346			Separation, Refining and Identification	0	0	0	0	66	12	0	78
			Chemistry total	0	0	0	0	505	62	1	568
351			Genetics	0	0	0	0	44	4	1	49
352			Ecology	0	0	2	2	101	11	2	114
353			Plant Physiology	0	0	0	0	46	13	0	59
354			Morphology, Structure of Organism	0	1	0	1	37	15	0	52
355			Animal Physiology and	0	0	0	0	31	12	1	44
356			Morphology and Taxonomy	2	0	0	2	54	5	0	59
			Biology total	2	1	2	5	313	60	4	377
361			Physical Anthropology (inclu. Physiological Anthropology)	0	1	0	1	35	12	0	47
	SCIENCE Total			9	5	2	16	2,465	241	7	2,713
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	0	70	1	1	72
402			Surface Physics	0	0	0	0	39	4	0	43
403			Applied Optics and Quantum Optics	0	0	0	0	93	3	0	96
404			General Applied Physics	0	0	0	0	63	1	0	64
405			Fundamentals of Engineering	0	0	1	1	37	4	2	43
			Applied Physics-Fundamentals of Engineering total	0	0	1	1	302	13	3	318
411			Materials for Machines and Strength of Materials	1	0	0	1	179	0	0	179
412			Workshop Processes and Production Engineering	0	0	0	0	146	1	0	147
413			Design Engineering, Machine Elements and Tribology	1	0	0	1	108	2	0	110
414			Fluid Mechanics	1	0	0	1	161	2	0	163
415			Heat Engineering	1	0	0	1	147	0	0	147
416			Mechanics and Control Engineering	2	0	0	2	128	1	0	129
417			Intelligent Mechanics and Machine System	0	0	1	1	140	4	2	146
			Machine Engineering total	6	0	1	7	1,009	10	2	1,021
421	G		Electric Power Engineering and Electric Machinery	0	1	1	2	199	2	2	203
422			Electronic and Electric Materials Engineering	0	0	0	0	170	6	0	176
423			Electron Devices and Apparatus Engineering	0	0	0	0	202	2	0	204
424			Information and Communication Engineering	7	0	0	7	443	13	2	458

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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		System Engineering	10	1	0	11	16	1	0	17
427			Electronic Measurements	10	1	0	11	25	1	0	26
428			Control Engineering	3	0	0	3	21	0	0	21
			Electric and Electronic Engineering	68	6	2	76	191	10	0	201
431			Construction Materials and Dynamics in General Civil Engineering	2	1	0	3	9	0	0	9
432			Structural Engineering and Seismology	6	1	0	7	4	0	0	4
433			Ground Engineering	3	0	0	3	13	0	0	13
434			Hydraulics and River Engineering	7	1	0	8	14	0	0	14
435			Traffic Engineering and Regional Planning	6	0	1	7	21	0	0	21
436			Civil Environmental System	6	0	0	6	13	1	0	14
			Civil Engineering total	30	3	1	34	74	1	0	75
441		N	Building Structure and Materials	10	0	0	10	16	2	0	18
442			Building Science and Building Equipment	2	2	0	4	17	3	0	20
443		G	City Planning and Building Planning	15	3	0	18	50	11	0	61
444		I	Architectural History and Design	7	1	0	8	16	5	0	21
			Architecture total	34	6	0	40	99	21	0	120
451		N	Physical Metallurgy	0	0	0	0	4	0	0	4
452			Inorganic Materials and	0	0	0	0	22	0	0	22
453		E	Composed Materials and Properties	0	0	0	0	3	0	0	3
454		E	Structural and Functional Materials	3	0	0	3	2	0	0	2
455		R	Metallurgy and Material	2	1	0	3	4	0	0	4
456			Metal Productive Engineering	1	0	0	1	0	0	0	0
			Material Engineering total	6	1	0	7	35	0	0	35
461		G	Chemical Engineering in General	2	0	0	2	6	0	0	6
462			Reaction and Separation Engineering	1	1	0	2	0	1	0	1
463			Catalyst and Chemical Process	0	0	0	0	3	0	0	3
464			Bioengineering	2	0	0	2	16	0	0	16
465			Industrial Analytical Chemistry	0	0	0	0	2	0	0	2
			Process Engineering total	5	1	0	6	27	1	0	28
471			Industrial Physical Chemistry	1	0	0	1	4	0	0	4
472			Industrial Inorganic Chemistry	3	0	1	4	4	0	0	4
473			Industrial Organic Chemistry	1	0	0	1	1	0	0	1
474			Synthetic Chemistry	2	1	0	3	9	1	0	10
475			Polymer Synthesis	0	0	0	0	3	0	0	3
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	6	0	0	6
			Industrial Chemistry total	7	1	1	9	27	1	0	28
481			Aeronautics	1	0	0	1	7	0	0	7
482			Ship Engineering	0	0	0	0	0	0	0	0
483			Marine Engineering	1	0	0	1	3	0	0	3
484			Resource Development Engineering	0	0	0	0	0	0	0	0
			Synthetic Engineering total	2	0	0	2	10	0	0	10
			ENGINEERING Total	194	26	4	224	626	39	0	665
501	A G R I C U L T U R E		Plant Breeding	1	0	0	1	6	1	0	7
502			Crop Science	0	0	0	0	0	1	0	1
503			Horticulture and Landscape Architecture	1	2	0	3	12	1	0	13
504			Plant Protection	3	1	0	4	4	0	0	4
505			Sericultural Science and Economic Entomology	2	2	0	4	2	0	0	2
			Agriculture total	7	5	0	12	24	3	0	27
511			Plant Fertilizer and Manure and Soil Science	1	0	0	1	3	0	0	3
512			Applied Microbiochemistry and Applied Biochemistry	4	4	0	8	32	7	0	39
513			Biological Productive Chemistry and Bioorganic Chemistry	7	1	0	8	8	0	0	8
514			Food Science and Nutritional Chemistry	5	18	0	23	21	23	0	44

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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		System Engineering	18	2	0	20	41	0	0	41
427			Electronic Measurements	28	1	0	29	57	1	0	58
428			Control Engineering	17	0	0	17	32	1	0	33
			Electric and Electronic Engineering	204	7	0	211	502	5	0	507
431			Construction Materials and Dynamics in General Civil Engineering	17	0	0	17	34	0	0	34
432			Structural Engineering and Seismology	24	0	0	24	47	0	0	47
433			Ground Engineering	15	0	0	15	33	0	0	33
434			Hydraulics and River Engineering	17	0	0	17	27	0	0	27
435			Traffic Engineering and Regional Planning	13	1	0	14	37	0	0	37
436			Civil Environmental System	17	2	0	19	24	1	0	25
			Civil Engineering total	103	3	0	106	202	1	0	203
441		N	Building Structure and Materials	32	1	0	33	90	0	0	90
442			Building Science and Building Equipment	21	5	0	26	33	1	0	34
443			City Planning and Building Planning	61	18	0	79	140	12	0	152
444			Architectural History and Design	41	7	0	48	61	4	0	65
			Architecture total	155	31	0	186	324	17	0	341
451		N	Physical Metallurgy	3	1	0	4	10	0	0	10
452			Inorganic Materials and	13	1	0	14	17	0	0	17
453			Composed Materials and Properties	8	1	0	9	7	0	0	7
454			Structural and Functional Materials	6	0	0	6	16	0	0	16
455		R	Metallurgy and Material	15	1	0	16	30	0	0	30
456			Metal Productive Engineering	4	0	0	4	5	0	0	5
			Material Engineering total	49	4	0	53	85	0	0	85
461		I	Chemical Engineering in General	7	0	0	7	13	0	0	13
462			Reaction and Separation Engineering	4	0	0	4	8	0	0	8
463			Catalyst and Chemical Process	2	0	0	2	6	0	0	6
464			Bioengineering	12	0	0	12	10	0	0	10
465			Industrial Analytical Chemistry	5	0	0	5	8	1	0	9
			Process Engineering total	30	0	0	30	45	1	0	46
471			Industrial Physical Chemistry	7	1	0	8	15	0	0	15
472			Industrial Inorganic Chemistry	2	0	0	2	9	0	0	9
473			Industrial Organic Chemistry	4	1	0	5	11	1	0	12
474			Synthetic Chemistry	8	0	0	8	15	0	0	15
475			Polymer Synthesis	11	0	0	11	10	0	0	10
476			Polymer Structure and Property (inclu. Fiber)	8	2	0	10	12	5	0	17
			Industrial Chemistry total	40	4	0	44	72	6	0	78
481			Aeronautics	5	0	0	5	10	0	0	10
482			Ship Engineering	3	0	0	3	4	0	0	4
483			Marine Engineering	4	0	0	4	3	0	0	3
484			Resource Development Engineering	0	0	0	0	3	0	0	3
			Synthetic Engineering total	12	0	0	12	20	0	0	20
			ENGINEERING Total	809	54	0	863	1,728	32	2	1,762
501	A G R I C U L T U R E		Plant Breeding	4	0	0	4	7	0	0	7
502			Crop Science	2	0	0	2	8	0	0	8
503			Horticulture and Landscape Architecture	16	1	0	17	32	1	0	33
504			Plant Protection	8	1	0	9	11	1	0	12
505			Sericultural Science and Economic Entomology	4	0	0	4	9	2	0	11
			Agriculture total	34	2	0	36	67	4	0	71
511			Plant Fertilizer and Manure and Soil Science	2	1	0	3	7	1	0	8
512			Applied Microbiochemistry and Applied Biochemistry	27	2	0	29	53	5	0	58
513			Biological Productive Chemistry and Bioorganic Chemistry	4	0	0	4	13	1	0	14
514			Food Science and Nutritional Chemistry	36	36	0	72	75	51	0	126

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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		System Engineering	25	3	0	28	2	0	0	2
427			Electronic Measurements	36	0	0	36	4	0	0	4
428			Control Engineering	23	0	0	23	0	0	0	0
			Electric and Electronic Engineering	390	6	1	397	20	0	0	20
431			Construction Materials and Dynamics in General Civil Engineering	22	0	0	22	0	0	0	0
432			Structural Engineering and Seismology	21	0	0	21	5	0	0	5
433			Ground Engineering	15	0	0	15	2	0	0	2
434			Hydraulics and River Engineering	21	0	0	21	3	0	0	3
435			Traffic Engineering and Regional Planning	12	0	0	12	2	0	0	2
436			Civil Environmental System	14	0	0	14	1	0	0	1
			Civil Engineering total	105	0	0	105	13	0	0	13
441		N	Building Structure and Materials	67	0	0	67	5	0	0	5
442			Building Science and Building Equipment	29	3	0	32	2	0	0	2
443		G	City Planning and Building Planning	71	10	0	81	3	1	0	4
444		I	Architectural History and Design	26	4	0	30	1	0	0	1
			Architecture total	193	17	0	210	11	1	0	12
451		N	Physical Metallurgy	8	0	0	8	1	0	0	1
452			Inorganic Materials and	14	0	0	14	3	0	0	3
453		E	Composed Materials and Properties	5	1	0	6	1	0	0	1
454		E	Structural and Functional Materials	19	0	0	19	0	0	0	0
455		R	Metallurgy and Material	27	1	0	28	2	0	0	2
456			Metal Productive Engineering	12	0	0	12	1	0	0	1
			Material Engineering total	85	2	0	87	8	0	0	8
461		N	Chemical Engineering in General	7	0	0	7	0	0	0	0
462			Reaction and Separation Engineering	4	0	0	4	0	0	0	0
463			Catalyst and Chemical Process	9	0	0	9	1	0	0	1
464			Bioengineering	8	0	0	8	1	0	0	1
465			Industrial Analytical Chemistry	6	0	0	6	0	0	0	0
			Process Engineering total	34	0	0	34	2	0	0	2
471			Industrial Physical Chemistry	10	2	0	12	1	0	0	1
472			Industrial Inorganic Chemistry	9	0	0	9	0	0	0	0
473			Industrial Organic Chemistry	11	1	0	12	1	0	0	1
474			Synthetic Chemistry	12	0	0	12	0	0	0	0
475			Polymer Synthesis	13	0	0	13	1	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	25	5	0	30	6	0	0	6
			Industrial Chemistry total	80	8	0	88	9	0	0	9
481			Aeronautics	15	0	0	15	1	0	0	1
482			Ship Engineering	6	0	0	6	0	0	0	0
483			Marine Engineering	1	0	0	1	0	0	0	0
484			Resource Development Engineering	5	0	0	5	0	0	0	0
			Synthetic Engineering total	27	0	0	27	1	0	0	1
			ENGINEERING Total	1,298	35	2	1,335	86	2	0	88
501	A G R I C U L T U R E		Plant Breeding	5	0	0	5	0	0	0	0
502			Crop Science	6	0	0	6	1	0	0	1
503			Horticulture and Landscape Architecture	28	1	0	29	4	0	0	4
504			Plant Protection	8	0	0	8	1	0	0	1
505			Sericultural Science and Economic Entomology	4	0	0	4	5	0	0	5
			Agriculture total	51	1	0	52	11	0	0	11
511			Plant Fertilizer and Manure and Soil Science	8	0	0	8	1	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	41	2	0	43	4	1	0	5
513			Biological Productive Chemistry and Bioorganic Chemistry	5	1	0	6	0	0	0	0
514			Food Science and Nutritional Chemistry	64	36	0	100	12	1	0	13

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
425	E		System Engineering	0	0	0	0	112	7	0	119
427			Electronic Measurements	0	0	0	0	160	4	0	164
428			Control Engineering	1	0	1	2	97	1	1	99
			Electric and Electronic Engineering	8	1	2	11	1,383	35	5	1,423
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0	84	1	0	85
432			Structural Engineering and Seismology	0	0	0	0	107	1	0	108
433			Ground Engineering	1	0	0	1	82	0	0	82
434			Hydraulics and River Engineering	0	0	0	0	89	1	0	90
435			Traffic Engineering and Regional Planning	0	0	0	0	91	1	1	93
436			Civil Environmental System	0	0	0	0	75	4	0	79
			Civil Engineering total	1	0	0	1	528	8	1	537
441		N	Building Structure and Materials	0	0	0	0	220	3	0	223
442			Building Science and Building Equipment	0	0	1	1	104	14	1	119
443			City Planning and Building Planning	3	1	1	5	343	56	1	400
444		I	Architectural History and Design	0	0	0	0	152	21	0	173
			Architecture total	3	1	2	6	819	94	2	915
451		N	Physical Metallurgy	0	0	0	0	26	1	0	27
452			Inorganic Materials and	0	0	0	0	69	1	0	70
453			Composed Materials and Properties	0	0	1	1	24	2	1	27
454		E	Structural and Functional Materials	0	0	0	0	46	0	0	46
455		R	Metallurgy and Material	0	0	0	0	80	3	0	83
456			Metal Productive Engineering	0	0	0	0	23	0	0	23
			Material Engineering total	0	0	1	1	268	7	1	276
461	I	N	Chemical Engineering in General	0	0	2	2	35	0	2	37
462			Reaction and Separation Engineering	0	0	0	0	17	2	0	19
463			Catalyst and Chemical Process	0	0	0	0	21	0	0	21
464			Bioengineering	0	0	1	1	49	0	1	50
465			Industrial Analytical Chemistry	0	0	0	0	21	1	0	22
			Process Engineering total	0	0	3	3	143	3	3	149
471			Industrial Physical Chemistry	0	0	0	0	38	3	0	41
472			Industrial Inorganic Chemistry	0	0	0	0	27	0	1	28
473			Industrial Organic Chemistry	1	0	0	1	30	3	0	33
474			Synthetic Chemistry	0	0	0	0	46	2	0	48
475			Polymer Synthesis	0	0	0	0	38	0	0	38
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	57	12	0	69
			Industrial Chemistry total	1	0	0	1	236	20	1	257
481			Aeronautics	0	0	0	0	39	0	0	39
482			Ship Engineering	0	0	0	0	13	0	0	13
483			Marine Engineering	0	0	0	0	12	0	0	12
484			Resource Development Engineering	0	0	0	0	8	0	0	8
			Synthetic Engineering total	0	0	0	0	72	0	0	72
	ENGINEERING Total			19	2	10	31	4,760	190	18	4,968
501	A G R I C U L T U R E		Plant Breeding	0	0	0	0	23	1	0	24
502			Crop Science	0	0	0	0	17	1	0	18
503			Horticulture and Landscape Architecture	0	0	0	0	93	6	0	99
504			Plant Protection	0	0	0	0	35	3	0	38
505			Sericultural Science and Economic Entomology	0	0	0	0	26	4	0	30
			Agriculture total	0	0	0	0	194	15	0	209
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	22	2	0	24
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	0	161	21	0	182
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	37	3	0	40
514			Food Science and Nutritional Chemistry	1	0	0	1	214	165	0	379

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	17	23	0	40	64	30	0	94
521			Forestry	1	0	0	1	6	2	0	8
522	G		Wood Science	0	0	0	0	2	0	0	2
			Forestry total	1	0	0	1	8	2	0	10
531	R		Fisheries in General	5	2	0	7	15	1	0	16
532			Fisheries Chemistry	1	1	0	2	6	1	0	7
			Fisheries total	6	3	0	9	21	2	0	23
541	I		Agricultural Economics	3	0	0	3	11	3	0	14
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	3	0	0	3
552	U		Agricultural Machinery	0	0	0	0	3	0	0	3
553	L		Biological Environment	1	0	0	1	1	0	0	1
			Agricultural Engineering total	1	0	0	1	7	0	0	7
561	T		Animal Science and Grassland Science	2	1	0	3	3	0	0	3
562	U		Applied Animal Science	4	3	0	7	4	5	0	9
563	R		Basic Veterinary Medicine and Basic Animal Science	6	5	0	11	16	1	0	17
564			Applied Veterinary Medicine	8	2	0	10	21	4	1	26
	E		Animal Science·Veterinary Medicine total	20	11	0	31	44	10	1	55
571			Biological Resource Science	0	1	0	1	2	0	0	2
572			Applied Molecular Cell Biology	1	0	0	1	2	1	0	3
			Interdisciplinary Agricultural Science total	1	1	0	2	4	1	0	5
			AGRICULTURE Total	56	43	0	99	183	51	1	235
601			Anatomy in General (inclu. Histology, Embryology)	9	1	0	10	14	7	0	21
602			Physiology in General	5	1	0	6	34	6	0	40
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	6	4	0	10	15	9	0	24
604			Pharmacology in General	11	6	0	17	19	6	0	25
605			Medical Chemistry in General	4	1	0	5	16	3	0	19
606			Pathological Medical Chemistry	0	2	0	2	6	2	0	8
	M		Physiology total	35	15	0	50	104	33	0	137
611			Hominal Pathology	7	4	0	11	60	13	0	73
612	E		Experimental Pathology	1	0	0	1	14	5	0	19
613	D		Parasitology (inclu. Medical Zoology)	2	0	0	2	3	1	0	4
614			Bacteriology (inclu. Eumycetes)	2	6	0	8	22	6	1	29
615	I		Virology	1	3	0	4	12	4	0	16
616			Immunology	6	1	0	7	32	7	0	39
	C		Pathology total	19	14	0	33	143	36	1	180
621			Hygiene	1	2	0	3	15	6	0	21
622	I		Public Health and Health Science	2	10	0	12	40	34	0	74
623			Legal Medicine	0	1	0	1	10	3	0	13
	N		Social Medicine total	3	13	0	16	65	43	0	108
631			Internal Medicine in General	2	1	0	3	63	18	0	81
632	E		Gastroenterology	4	0	0	4	67	17	0	84
633			Internal Medicine Respiratory System	1	0	0	1	25	9	0	34
634			Neurological Medicine	3	1	0	4	33	16	0	49
635			Cardioangiopathy	6	1	0	7	81	17	0	98
636			Pediatrics	5	3	0	8	44	16	1	61
637			Dermatology	2	8	0	10	30	30	0	60
638			Radiology	2	4	0	6	59	22	0	81
639			Neuropsychiatry	6	5	0	11	47	23	0	70
641			Hematology	2	1	0	3	48	8	0	56
642			Internal Medicine of Kidney	5	1	0	6	31	9	0	40
643			Embryology and Newborn	0	0	0	0	5	2	0	7
644			Endocrinology	2	0	0	2	16	12	0	28
645			Metabolic Science	1	0	0	1	13	12	0	25
			Internal Medicine total	41	25	0	66	562	211	1	774
651			Surgery in General	3	2	0	5	80	11	0	91
652			Gastroenterological Surgery	2	1	0	3	61	3	1	65
653			Thoracic Surgery	3	1	0	4	65	4	0	69

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	69	39	0	108	148	58	0	206
521			Forestry	7	1	0	8	8	0	0	8
522		G	Wood Science	1	0	0	1	6	1	0	7
			Forestry total	8	1	0	9	14	1	0	15
531		R	Fisheries in General	14	0	0	14	16	0	0	16
532			Fisheries Chemistry	7	0	0	7	5	1	0	6
		I	Fisheries total	21	0	0	21	21	1	0	22
541			Agricultural Economics	29	2	0	31	28	2	0	30
551		C	Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	2	0	3	9	0	0	9
552		U	Agricultural Machinery	3	0	0	3	4	0	0	4
553		L	Biological Environment	2	0	0	2	4	0	0	4
			Agricultural Engineering total	6	2	0	8	17	0	0	17
561		T	Animal Science and Grassland Science	10	0	0	10	11	1	0	12
562		U	Applied Animal Science	6	0	0	6	10	0	0	10
563		R	Basic Veterinary Medicine and Basic Animal Science	22	1	0	23	28	1	1	30
564			Applied Veterinary Medicine	26	3	0	29	26	3	0	29
		E	Animal Science·Veterinary Medicine total	64	4	0	68	75	5	1	81
571			Biological Resource Science	1	1	0	2	7	0	0	7
572			Applied Molecular Cell Biology	2	0	0	2	4	0	0	4
			Interdisciplinary Agricultural Science total	3	1	0	4	11	0	0	11
			AGRICULTURE Total	234	51	0	285	381	71	1	453
601			Anatomy in General (inclu. Histology, Embryology)	42	7	0	49	50	13	0	63
602			Physiology in General	38	5	0	43	45	8	0	53
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	34	5	0	39	41	16	0	57
604			Pharmacology in General	32	10	0	42	38	8	0	46
605			Medical Chemistry in General	22	7	0	29	29	12	0	41
606			Pathological Medical Chemistry	10	3	0	13	11	5	0	16
		M	Physiology total	178	37	0	215	214	62	0	276
611			Hominal Pathology	58	10	0	68	60	3	0	63
612		E	Experimental Pathology	18	3	0	21	18	3	0	21
613		D	Parasitology (inclu. Medical Zoology)	16	3	0	19	30	0	0	30
614			Bacteriology (inclu. Eumycetes)	24	10	0	34	27	10	0	37
615		I	Virology	24	5	0	29	13	0	0	13
616			Immunology	50	4	0	54	33	6	0	39
		C	Pathology total	190	35	0	225	181	22	0	203
621			Hygiene	38	7	0	45	40	5	0	45
622		I	Public Health and Health Science	65	44	0	109	82	56	0	138
623			Legal Medicine	27	1	0	28	24	6	0	30
		N	Social Medicine total	130	52	0	182	146	67	0	213
631			Internal Medicine in General	80	6	0	86	45	2	1	48
632		E	Gastroenterology	100	8	1	109	48	3	0	51
633			Internal Medicine Respiratory System	52	7	0	59	26	0	0	26
634			Neurological Medicine	62	5	0	67	28	2	0	30
635			Cardioangiopathy	150	6	2	158	43	3	0	46
636			Pediatrics	98	14	0	112	47	7	0	54
637			Dermatology	31	6	0	37	14	4	0	18
638			Radiology	108	20	0	128	43	7	0	50
639			Neuropsychiatry	67	16	0	83	50	9	0	59
641			Hematology	53	7	0	60	31	3	0	34
642			Internal Medicine of Kidney	45	3	0	48	23	6	0	29
643			Embryology and Newborn	9	1	0	10	3	1	0	4
644			Endocrinology	30	2	0	32	19	4	0	23
645			Metabolic Science	32	4	0	36	24	2	0	26
			Internal Medicine total	917	105	3	1,025	444	53	1	498
651			Surgery in General	102	5	1	108	54	1	0	55
652			Gastroenterological Surgery	93	1	0	94	49	0	0	49
653			Thoracic Surgery	85	2	0	87	36	0	0	36

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	118	39	0	157	17	2	0	19
521			Forestry	8	0	0	8	0	0	0	0
522	G		Wood Science	2	0	0	2	1	0	0	1
			Forestry total	10	0	0	10	1	0	0	1
531	R		Fisheries in General	18	1	0	19	0	0	0	0
532			Fisheries Chemistry	7	0	0	7	1	0	0	1
			Fisheries total	25	1	0	26	1	0	0	1
541	I		Agricultural Economics	33	0	0	33	7	0	0	7
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	7	0	0	7	0	0	0	0
552	U		Agricultural Machinery	4	0	0	4	0	0	0	0
553	L		Biological Environment	3	0	0	3	0	0	0	0
			Agricultural Engineering total	14	0	0	14	0	0	0	0
561	T		Animal Science and Grassland Science	15	0	0	15	1	0	0	1
562	U		Applied Animal Science	3	0	0	3	1	0	0	1
563	R		Basic Veterinary Medicine and Basic Animal Science	12	0	0	12	0	0	0	0
564			Applied Veterinary Medicine	17	0	0	17	0	0	0	0
	E		Animal Science·Veterinary Medicine total	47	0	0	47	2	0	0	2
571			Biological Resource Science	1	0	0	1	1	0	0	1
572			Applied Molecular Cell Biology	2	0	0	2	1	0	0	1
			Interdisciplinary Agricultural Science total	3	0	0	3	2	0	0	2
			AGRICULTURE Total	301	41	0	342	41	2	0	43
601			Anatomy in General (inclu. Histology, Embryology)	13	1	0	14	1	1	0	2
602			Physiology in General	25	4	0	29	3	0	0	3
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	16	3	0	19	2	0	0	2
604			Pharmacology in General	21	3	0	24	3	0	0	3
605			Medical Chemistry in General	7	3	0	10	3	0	0	3
606			Pathological Medical Chemistry	3	2	0	5	1	0	0	1
	M		Physiology total	85	16	0	101	13	1	0	14
611			Hominal Pathology	18	0	0	18	4	0	0	4
612	E		Experimental Pathology	5	0	0	5	1	0	0	1
613	D		Parasitology (inclu. Medical Zoology)	6	1	0	7	0	0	0	0
614			Bacteriology (inclu. Eumycetes)	16	4	0	20	6	0	0	6
615	I		Virology	9	1	0	10	0	0	0	0
616			Immunology	6	0	0	6	1	0	0	1
	C		Pathology total	60	6	0	66	12	0	0	12
621			Hygiene	13	3	0	16	1	2	0	3
622	I		Public Health and Health Science	58	42	0	100	8	5	0	13
623			Legal Medicine	6	2	0	8	0	0	0	0
	N		Social Medicine total	77	47	0	124	9	7	0	16
631			Internal Medicine in General	28	3	0	31	3	0	0	3
632	E		Gastroenterology	21	0	0	21	2	0	0	2
633			Internal Medicine Respiratory System	8	1	0	9	1	0	0	1
634			Neurological Medicine	11	1	0	12	1	0	0	1
635			Cardioangiopathy	17	1	0	18	1	0	0	1
636			Pediatrics	25	8	0	33	7	1	0	8
637			Dermatology	13	2	0	15	0	0	0	0
638			Radiology	21	3	0	24	1	0	0	1
639			Neuropsychiatry	38	0	0	38	7	1	0	8
641			Hematology	12	0	0	12	1	0	0	1
642			Internal Medicine of Kidney	9	0	0	9	1	0	0	1
643			Embryology and Newborn	2	0	0	2	0	0	0	0
644			Endocrinology	4	1	0	5	0	0	0	0
645			Metabolic Science	6	1	1	8	0	0	0	0
			Internal Medicine total	215	21	1	237	25	2	0	27
651			Surgery in General	16	0	0	16	0	0	0	0
652			Gastroenterological Surgery	13	0	0	13	0	0	0	0
653			Thoracic Surgery	12	0	0	12	4	0	0	4

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total			
				Male	Female	Unknown	Total	Male	Female	Unknown	Total
	A		Agricultural Chemistry total	1	0	0	1	434	191	0	625
521			Forestry	0	0	0	0	30	3	0	33
522			Wood Science	0	0	0	0	12	1	0	13
	G		Forestry total	0	0	0	0	42	4	0	46
531			Fisheries in General	0	0	1	1	68	4	1	73
532	R		Fisheries Chemistry	0	0	0	0	27	3	0	30
			Fisheries total	0	0	1	1	95	7	1	103
541	I		Agricultural Economics	0	0	0	0	111	7	0	118
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	20	2	0	22
552			Agricultural Machinery	0	0	0	0	14	0	0	14
553			Biological Environment	0	0	0	0	11	0	0	11
	L		Agricultural Engineering total	0	0	0	0	45	2	0	47
561	T		Animal Science and Grassland Science	0	0	0	0	42	2	0	44
562	U		Applied Animal Science	0	0	0	0	28	8	0	36
563			Basic Veterinary Medicine and Basic Animal Science	0	0	0	0	84	8	1	93
564	R		Applied Veterinary Medicine	0	0	0	0	98	12	1	111
	E		Animal Science·Veterinary Medicine total	0	0	0	0	252	30	2	284
571			Biological Resource Science	0	0	0	0	12	2	0	14
572			Applied Molecular Cell Biology	0	0	0	0	12	1	0	13
			Interdisciplinary Agricultural Science total	0	0	0	0	24	3	0	27
	AGRICULTURE Total			1	0	1	2	1,197	259	3	1,459
601	M		Anatomy in General (inclu. Histology, Embryology)	0	0	0	0	129	30	0	159
602			Physiology in General	0	1	0	1	150	25	0	175
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0	114	37	0	151
604			Pharmacology in General	0	0	0	0	124	33	0	157
605			Medical Chemistry in General	0	0	0	0	81	26	0	107
606			Pathological Medical Chemistry	0	0	0	0	31	14	0	45
			Physiology total	0	1	0	1	629	165	0	794
611			Hominal Pathology	3	0	0	3	210	30	0	240
612			Experimental Pathology	0	0	0	0	57	11	0	68
613			Parasitology (inclu. Medical Zoology)	0	0	0	0	57	5	0	62
614			Bacteriology (inclu. Eumycetes)	0	0	0	0	97	36	1	134
615			Virology	0	0	0	0	59	13	0	72
616			Immunology	0	0	0	0	128	18	0	146
			Pathology total	3	0	0	3	608	113	1	722
621			Hygiene	0	0	1	1	108	25	1	134
622			Public Health and Health Science	0	1	0	1	255	192	0	447
623			Legal Medicine	0	0	0	0	67	13	0	80
	N		Social Medicine total	0	1	1	2	430	230	1	661
631			Internal Medicine in General	1	0	1	2	222	30	2	254
632			Gastroenterology	1	0	0	1	243	28	1	272
633			Internal Medicine Respiratory System	1	0	0	1	114	17	0	131
634			Neurological Medicine	0	0	0	0	138	25	0	163
635			Cardioangiology	0	0	0	0	298	28	2	328
636			Pediatrics	1	0	0	1	227	49	1	277
637			Dermatology	0	0	0	0	90	50	0	140
638			Radiology	3	0	0	3	237	56	0	293
639			Neuropsychiatry	0	1	0	1	215	55	0	270
641			Hematology	0	0	1	1	147	19	1	167
642			Internal Medicine of Kidney	0	0	0	0	114	19	0	133
643			Embryology and Newborn	0	0	0	0	19	4	0	23
644			Endocrinology	0	0	0	0	71	19	0	90
645			Metabolic Science	0	0	0	0	76	19	1	96
			Internal Medicine total	7	1	2	10	2,211	418	8	2,637
651			Surgery in General	2	0	0	2	257	19	1	277
652			Gastroenterological Surgery	1	0	0	1	219	5	1	225
653			Thoracic Surgery	1	0	1	2	206	7	1	214

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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
654	M		Neurosurgery	7	1	0	8	65	1	0	66
655			Orthopedic Surgery	4	3	0	7	90	5	0	95
656			Anesthesiology and Rescue Medicine	3	2	0	5	55	5	0	60
657			Urology	4	1	0	5	44	2	0	46
658			Obstetrics and Gynecology	1	3	0	4	45	17	0	62
659			Oto-rhino-laryngology	3	1	0	4	69	22	0	91
660			Ophthalmology	4	2	0	6	52	27	1	80
661			Pediatric Surgery	1	0	0	1	7	1	0	8
662			Formative Surgery	5	1	0	6	25	9	0	34
			Surgery total	40	18	0	58	658	107	2	767
671	E		Oral Anatomy and Morphological Basic Dentistry	22	19	0	41	32	9	1	42
672	D		Functional Basic Dentistry	11	8	0	19	29	6	0	35
673	I		Morbid Dentistry (inclu. Dental Radiology)	8	6	0	14	37	4	0	41
674	C		Conservative Dentistry	62	13	0	75	94	16	0	110
675			Prosthodontics and Dental Technology	71	22	0	93	109	15	0	124
676	I		Oral Surgery	50	14	0	64	128	20	0	148
677	N		Orthodontics, Pedodontics and Social Dentistry	53	47	0	100	76	48	0	124
678	E		Periodontological Dentistry	30	8	0	38	28	12	0	40
			Dentistry total	307	137	0	444	533	130	1	664
681			Chemical Pharmaceutics	24	19	0	43	51	14	0	65
682			Physical Pharmaceutics	8	10	0	18	15	13	0	28
683			Biopharmaceutics	20	21	0	41	64	23	1	88
684			Molecular Pharmaceutics	6	10	0	16	14	0	0	14
685			Environmental Pharmaceutics	5	3	0	8	6	1	0	7
			Pharmaceutics total	63	63	0	126	150	51	1	202
691			Medical Sociology	1	1	0	2	16	3	0	19
692			Human Genetics	0	0	0	0	6	1	0	7
693			Applied Pharmacology and Medical Pharmacology	4	4	0	8	16	10	0	26
694			Pathological Examination	1	3	0	4	10	6	0	16
696			Science of Basic and Local Nursing	0	8	0	8	0	62	0	62
697			Science of Clinical Nursing	2	17	0	19	6	99	0	105
			Medicine in General total	8	33	0	41	54	181	0	235
			MEDICINE Total	516	318	0	834	2,269	792	6	3,067
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	4	0	0	4
703			Physical Education	16	14	0	30	155	35	0	190
704			Human Geography	7	1	0	8	22	1	0	23
705			Physical Geography	1	0	0	1	5	2	1	8
			Geography total	8	1	0	9	27	3	1	31
706			Home Science(inclu. Cloth/Living Environments)	0	36	1	37	3	86	0	89
707			Food Culture	3	48	0	51	2	63	0	65
			Domestic Science total	3	84	1	88	5	149	0	154
708			Science of Cultural Property	1	1	0	2	2	0	0	2
711			Science Education	0	1	0	1	1	2	0	3
712			Educational Engineering	5	2	0	7	33	13	0	46
713			Curriculum Studies	7	13	0	20	54	34	1	89
714			Japanese Language Education	0	5	0	5	5	10	0	15
			Science Education·Curriculum Education total	12	21	0	33	93	59	1	153
721	A R E A		Statistics	4	0	0	4	21	1	0	22
731			Computer Science	15	1	2	18	90	8	0	98
732			Intelligent Informatics	20	2	0	22	61	7	0	68
733			Study of Information System (Inclu. Library and Information Science)	8	3	1	12	46	5	1	52
			Information Science total	43	6	3	52	197	20	1	218
741	I		Social System Engineering	10	3	0	13	48	9	0	57
751			Natural Disaster Science	0	0	0	0	1	0	0	1
761			Plasma Science and Technology	0	0	0	0	7	0	0	7
772			Nuclear Fusion	1	0	0	1	2	0	0	2

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	74	3	0	77	33	1	0	34
655			Orthopedic Surgery	119	3	0	122	55	3	1	59
656			Anesthesiology and Rescue Medicine	70	8	0	78	40	2	0	42
657			Urology	53	3	0	56	31	0	0	31
658			Obstetrics and Gynecology	57	14	0	71	46	1	0	47
659			Oto-rhino-laryngology	55	3	0	58	22	3	0	25
660			Ophthalmology	53	14	0	67	16	3	0	19
661			Pediatric Surgery	15	0	0	15	4	0	0	4
662			Formative Surgery	26	0	0	26	6	0	0	6
			Surgery total	802	56	1	859	392	14	1	407
671	E		Oral Anatomy and Morphological Basic Dentistry	38	13	0	51	50	9	0	59
672			Functional Basic Dentistry	28	11	0	39	40	4	0	44
673			Morbid Dentistry (inclu. Dental Radiology)	48	10	0	58	20	1	0	21
674			Conservative Dentistry	53	12	0	65	40	3	0	43
675			Prosthodontics and Dental Technology	90	8	0	98	56	2	0	58
676			Oral Surgery	110	2	0	112	54	4	0	58
677			Orthodontics, Pedodontics and Social Dentistry	81	14	0	95	47	8	0	55
678			Periodontological Dentistry	15	1	0	16	3	0	0	3
			Dentistry total	463	71	0	534	310	31	0	341
681	E		Chemical Pharmaceuticals	54	21	0	75	103	18	0	121
682			Physical Pharmaceuticals	24	8	0	32	44	12	0	56
683			Biopharmaceutics	74	21	0	95	90	18	0	108
684			Molecular Pharmaceuticals	14	3	0	17	16	4	0	20
685			Environmental Pharmaceuticals	8	2	0	10	16	5	0	21
			Pharmaceutics total	174	55	0	229	269	57	0	326
691			Medical Sociology	17	7	1	25	32	3	0	35
692			Human Genetics	7	2	0	9	2	1	0	3
693			Applied Pharmacology and Medical Pharmacology	29	9	0	38	24	4	0	28
694			Pathological Examination	18	9	0	27	25	9	0	34
696			Science of Basic and Local Nursing	2	87	0	89	2	70	0	72
697			Science of Clinical Nursing	3	114	1	118	1	64	0	65
			Medicine in General total	76	228	2	306	86	151	0	237
			MEDICINE Total	2,930	639	6	3,575	2,042	457	2	2,501
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)	16	2	0	18	25	5	0	30
703			Physical Education	289	66	0	355	356	93	0	449
704			Human Geography	32	2	0	34	37	2	0	39
705			Physical Geography	11	2	0	13	15	1	0	16
			Geography total	43	4	0	47	52	3	0	55
706			Home Science(inclu. Cloth/Living Environments)	8	139	0	147	29	192	0	221
707			Food Culture	8	116	0	124	13	151	0	164
			Domestic Science total	16	255	0	271	42	343	0	385
708			Science of Cultural Property	2	0	0	2	1	0	0	1
711			Science Education	14	6	0	20	29	6	0	35
712	A R E A		Educational Engineering	63	17	1	81	66	11	0	77
713			Curriculum Studies	101	77	0	178	79	79	0	158
714			Japanese Language Education	18	33	0	51	9	17	0	26
			Science Education·Curriculum Education total	196	133	1	330	183	113	0	296
721			Statistics	14	3	0	17	20	3	0	23
731			Computer Science	113	8	0	121	122	9	0	131
732			Intelligent Informatics	60	6	0	66	63	5	0	68
733			Study of Information System (Inclu. Library and Information Science)	58	17	1	76	141	20	0	161
			Information Science total	231	31	1	263	326	34	0	360
741			Social System Engineering	41	5	0	46	68	1	0	69
751	I		Natural Disaster Science	5	0	0	5	7	0	0	7
761			Plasma Science and Technology	7	1	0	8	14	0	0	14
772			Nuclear Fusion	3	0	0	3	2	0	0	2

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	19	0	0	19	0	0	0	0
655			Orthopedic Surgery	19	0	0	19	3	0	0	3
656			Anesthesiology and Rescue Medicine	10	1	0	11	2	0	0	2
657			Urology	13	0	0	13	0	0	0	0
658			Obstetrics and Gynecology	21	1	0	22	1	0	0	1
659			Oto-rhino-laryngology	16	2	0	18	1	0	0	1
660			Ophthalmology	10	0	0	10	0	0	0	0
661			Pediatric Surgery	6	0	0	6	0	0	0	0
662			Formative Surgery	3	0	0	3	0	0	0	0
			Surgery total	158	4	0	162	11	0	0	11
671	E		Oral Anatomy and Morphological Basic Dentistry	10	1	0	11	0	0	0	0
672	D		Functional Basic Dentistry	8	2	0	10	1	0	0	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	7	1	0	8	1	0	0	1
674	C		Conservative Dentistry	18	0	0	18	1	0	0	1
675			Prosthodontics and Dental Technology	23	0	0	23	0	0	0	0
676	I		Oral Surgery	20	0	0	20	1	0	0	1
677	N		Orthodontics, Pedodontics and Social Dentistry	16	2	0	18	0	0	0	0
678	E		Periodontological Dentistry	2	0	0	2	0	0	0	0
			Dentistry total	104	6	0	110	4	0	0	4
681			Chemical Pharmaceuticals	51	2	0	53	3	0	0	3
682			Physical Pharmaceuticals	18	1	0	19	2	0	0	2
683			Biopharmaceutics	42	5	0	47	2	0	0	2
684			Molecular Pharmaceuticals	10	0	0	10	1	0	0	1
685			Environmental Pharmaceuticals	3	1	0	4	0	0	0	0
			Pharmaceutics total	124	9	0	133	8	0	0	8
691			Medical Sociology	9	2	0	11	6	0	0	6
692			Human Genetics	0	1	0	1	1	0	0	1
693			Applied Pharmacology and Medical Pharmacology	13	2	0	15	1	0	0	1
694			Pathological Examination	12	4	0	16	0	0	0	0
696			Science of Basic and Local Nursing	1	37	1	39	0	6	0	6
697			Science of Clinical Nursing	2	35	0	37	0	2	0	2
			Medicine in General total	37	81	1	119	8	8	0	16
			MEDICINE Total	860	190	2	1,052	90	18	0	108
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)	16	2	0	18	2	1	0	3
703			Physical Education	197	41	0	238	8	0	0	8
704			Human Geography	48	0	0	48	6	0	0	6
705			Physical Geography	14	0	0	14	4	0	0	4
			Geography total	62	0	0	62	10	0	0	10
706			Home Science(inclu. Cloth/Living Environments)	24	111	0	135	5	5	0	10
707			Food Culture	10	86	0	96	3	2	0	5
			Domestic Science total	34	197	0	231	8	7	0	15
708			Science of Cultural Property	2	1	0	3	2	0	0	2
711			Science Education	34	6	0	40	2	0	0	2
712			Educational Engineering	43	2	0	45	3	0	0	3
713			Curriculum Studies	132	34	0	166	10	2	0	12
714			Japanese Language Education	16	10	0	26	0	1	0	1
			Science Education·Curriculum Education total	225	52	0	277	15	3	0	18
721	A R E A		Statistics	19	1	0	20	2	0	0	2
731			Computer Science	59	5	0	64	5	0	0	5
732			Intelligent Informatics	47	3	0	50	0	0	0	0
733			Study of Information System (Inclu. Library and Information Science)	127	10	0	137	10	1	0	11
			Information Science total	233	18	0	251	15	1	0	16
741			Social System Engineering	47	0	0	47	3	0	0	3
751			Natural Disaster Science	0	0	0	0	2	0	0	2
761			Plasma Science and Technology	10	0	0	10	0	0	0	0
772			Nuclear Fusion	3	0	0	3	1	0	0	1

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Unknown				Total				
				Male	Female	Unknown	Total	Male	Female	Unknown	Total	
654	M		Neurosurgery	0	0	0	0	198	6	0	204	
655			Orthopedic Surgery	2	0	0	2	292	14	1	307	
656			Anesthesiology and Rescue Medicine	0	0	0	0	180	18	0	198	
657			Urology	1	1	1	3	146	7	1	154	
658			Obstetrics and Gynecology	2	2	1	5	173	38	1	212	
659			Oto-rhino-laryngology	0	0	0	0	166	31	0	197	
660			Ophthalmology	0	0	0	0	135	46	1	182	
661			Pediatric Surgery	0	0	0	0	33	1	0	34	
662			Formative Surgery	0	1	0	1	65	11	0	76	
				Surgery total	9	4	3	16	2,070	203	7	2,280
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	152	51	1	204	
672	D		Functional Basic Dentistry	0	0	1	1	117	31	1	149	
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	121	22	0	143	
674	C		Conservative Dentistry	1	1	0	2	269	45	0	314	
675	I		Prosthodontics and Dental Technology	1	1	2	4	350	48	2	400	
676	N		Oral Surgery	0	0	0	0	363	40	0	403	
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	0	273	119	0	392	
678			Periodontological Dentistry	1	0	0	1	79	21	0	100	
	E		Dentistry total	3	2	3	8	1,724	377	4	2,105	
681				Chemical Pharmaceutics	0	1	0	1	286	75	0	361
682		Physical Pharmaceutics		0	1	0	1	111	45	0	156	
683		Biopharmaceutics		2	0	0	2	294	88	1	383	
684		Molecular Pharmaceutics		0	0	1	1	61	17	1	79	
685		Environmental Pharmaceutics		0	0	0	0	38	12	0	50	
			Pharmaceutics total	2	2	1	5	790	237	2	1,029	
691			Medical Sociology	0	0	0	0	81	16	1	98	
692			Human Genetics	0	0	0	0	16	5	0	21	
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	87	29	0	116	
694			Pathological Examination	0	0	0	0	66	31	0	97	
696	Science of Basic and Local Nursing		0	3	0	3	5	273	1	279		
697	Science of Clinical Nursing		0	1	0	1	14	332	1	347		
			Medicine in General total	0	4	0	4	269	686	3	958	
	MEDICINE Total			24	15	10	49	8,731	2,429	26	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)	0	0	0	0	63	10	0	73	
703			Physical Education	2	2	3	7	1,023	251	3	1,277	
704				Human Geography	0	1	2	3	152	7	2	161
705				Physical Geography	0	0	0	0	50	5	1	56
				Geography total	0	1	2	3	202	12	3	217
706				Home Science(inclu. Cloth/Living Environments)	0	2	1	3	69	571	2	642
707				Food Culture	0	2	0	2	39	468	0	507
				Domestic Science total	0	4	1	5	108	1,039	2	1,149
708				Science of Cultural Property	0	0	0	0	10	2	0	12
711				Science Education	0	0	0	0	80	21	0	101
712	Educational Engineering	0		0	0	0	213	45	1	259		
713	Curriculum Studies	0		2	0	2	383	241	1	625		
714	Japanese Language Education	0		1	0	1	48	77	0	125		
	A R E A		Science Education·Curriculum Education total	0	3	0	3	724	384	2	1,110	
721			Statistics	2	0	0	2	82	8	0	90	
731			Computer Science	2	0	2	4	406	31	4	441	
732			Intelligent Informatics	0	0	1	1	251	23	1	275	
733	I		Study of Information System (Inclu. Library and Information Science)	1	0	3	4	391	56	6	453	
			Information Science total	3	0	6	9	1,048	110	11	1,169	
741			Social System Engineering	0	0	0	0	217	18	0	235	
751			Natural Disaster Science	0	0	0	0	15	0	0	15	
761			Plasma Science and Technology	0	0	1	1	38	1	1	40	
772				Nuclear Fusion	0	0	0	0	12	0	0	12

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	0	0	0	0	5	0	0	5
774			Nuclear Power Science	2	0	0	2	1	0	0	1
			Energy total	3	0	0	3	8	0	0	8
801			Environmental Dynamic Analysis	3	0	0	3	5	1	0	6
802			Environmental Influence Assessment (inclu. Radiobiology)	3	0	0	3	9	3	0	12
803			Environmental Preservation	4	3	0	7	18	5	0	23
			Environmental Science total	10	3	0	13	32	9	0	41
811			Biological Organic Chemistry	5	2	0	7	9	4	0	13
812			Structured Biochemistry	4	1	0	5	10	3	0	13
813			Functional Biochemistry	0	4	0	4	11	7	0	18
			Biological Chemistry total	9	7	0	16	30	14	0	44
821	N T E R D I S C I P L I N A R Y A R E A		Biophysics	2	0	0	2	7	3	0	10
822			Molecular Biology	9	4	0	13	43	8	0	51
823			Cell Biology	6	7	0	13	22	4	0	26
824			Developmental Biology	4	1	0	5	12	1	0	13
			Basic Biology total	21	12	0	33	84	16	0	100
831			Neuroanatomy and Neuropathology	0	0	0	0	9	5	0	14
832			Neurochemistry and Neuropharmacology	4	4	0	8	7	9	0	16
833			Neuro Science in General	3	0	0	3	12	7	0	19
834			Neuro and Muscular Physiology	5	3	0	8	21	4	0	25
			Neuro Science (inclu. Brain Science) total	12	7	0	19	49	25	0	74
841			Laboratory Animal Science	2	1	0	3	3	2	0	5
851			Medical Organism Engineering and Material Science of Organism	17	4	0	21	40	4	0	44
			INTERDISCIPLINARY AREA Total	171	164	4	339	806	346	3	1,155
999			WIDE AREA Total	21	25	0	46	98	77	1	176
			Item n.a. Total	1,373	977	33	2,383	3,942	1,480	65	5,487
			Grand Total	2,819	1,847	45	4,711	10,174	3,806	81	14,061

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	1	0	0	1	7	0	0	7
774			Nuclear Power Science	6	0	0	6	3	1	0	4
			Energy total	10	0	0	10	12	1	0	13
801			Environmental Dynamic Analysis	7	2	0	9	22	1	0	23
802			Environmental Influence Assessment (inclu. Radiobiology)	11	4	0	15	20	1	0	21
803			Environmental Preservation	30	1	0	31	35	5	0	40
			Environmental Science total	48	7	0	55	77	7	0	84
811			Biological Organic Chemistry	9	2	0	11	18	4	0	22
812			Structured Biochemistry	10	2	0	12	15	7	0	22
813			Functional Biochemistry	15	5	0	20	37	5	0	42
			Biological Chemistry total	34	9	0	43	70	16	0	86
821	N T E R D I S C I P L I N A R Y A R E A		Biophysics	9	1	0	10	22	3	0	25
822			Molecular Biology	41	10	0	51	34	4	0	38
823			Cell Biology	29	7	0	36	29	8	0	37
824			Developmental Biology	10	3	0	13	8	3	0	11
			Basic Biology total	89	21	0	110	93	18	0	111
831			Neuroanatomy and Neuropathology	20	3	0	23	12	3	0	15
832			Neurochemistry and Neuropharmacology	18	6	0	24	12	3	0	15
833			Neuro Science in General	28	3	0	31	16	3	0	19
834			Neuro and Muscular Physiology	24	5	0	29	17	6	0	23
			Neuro Science (inclu. Brain Science) total	90	17	0	107	57	15	0	72
841			Laboratory Animal Science	13	1	0	14	16	1	0	17
851			Medical Organism Engineering and Material Science of Organism	40	5	0	45	37	2	0	39
			INTERDISCIPLINARY AREA Total	1,184	560	2	1,746	1,456	655	0	2,111
999			WIDE AREA Total	216	125	1	342	339	161	1	501
			Item n.a. Total	4,266	1,269	60	5,595	4,317	1,019	44	5,380
			Grand Total	14,021	4,154	73	18,248	16,597	3,891	55	20,543

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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		Energy Science General	13	0	0	13	1	0	0	1
774			Nuclear Power Science	13	1	0	14	1	0	0	1
	E		Energy total	29	1	0	30	3	0	0	3
801	R D		Environmental Dynamic Analysis	13	1	0	14	1	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	15	1	0	16	1	0	0	1
803	I		Environmental Preservation	39	1	0	40	2	0	0	2
	C		Environmental Science total	67	3	0	70	4	0	0	4
811	I P		Biological Organic Chemistry	10	1	0	11	0	0	0	0
812			Structured Biochemistry	12	0	0	12	1	0	0	1
813	L		Functional Biochemistry	12	2	0	14	0	0	0	0
	I		Biological Chemistry total	34	3	0	37	1	0	0	1
821	N A		Biophysics	13	2	0	15	0	0	0	0
822			Molecular Biology	8	3	0	11	2	0	0	2
823	R		Cell Biology	9	4	0	13	1	0	0	1
824	Y		Developmental Biology	3	0	0	3	0	0	0	0
			Basic Biology total	33	9	0	42	3	0	0	3
831	A R E A		Neuroanatomy and Neuropathology	2	0	0	2	0	0	0	0
832			Neurochemistry and Neuropharmacology	4	3	0	7	0	0	0	0
833			Neuro Science in General	11	0	0	11	2	0	0	2
834			Neuro and Muscular Physiology	8	1	0	9	1	0	0	1
			Neuro Science (inclu. Brain Science) total	25	4	0	29	3	0	0	3
841			Laboratory Animal Science	4	1	0	5	1	0	0	1
851			Medical Organism Engineering and Material Science of Organism	30	1	0	31	0	0	0	0
			INTERDISCIPLINARY AREA Total	1,067	334	0	1,401	82	12	0	94
999			WIDE AREA Total	329	93	0	422	27	3	0	30
			Item n.a. Total	2,647	497	31	3,175	256	43	2	301
			Grand Total	11,405	1,998	39	13,442	1,264	119	2	1,385

Table 8. Number of Researchers by Field of Specialization / by Age /by Gender (Private Institutions)

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	27	0	0	27
774			Nuclear Power Science	0	0	0	0	26	2	0	28
			Energy total	0	0	0	0	65	2	0	67
801			Environmental Dynamic Analysis	0	0	0	0	51	5	0	56
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	0	0	59	9	0	68
803			Environmental Preservation	0	0	1	1	128	15	1	144
			Environmental Science total	0	0	1	1	238	29	1	268
811			Biological Organic Chemistry	0	0	0	0	51	13	0	64
812			Structured Biochemistry	0	0	1	1	52	13	1	66
813			Functional Biochemistry	0	0	0	0	75	23	0	98
			Biological Chemistry total	0	0	1	1	178	49	1	228
821			Biophysics	0	0	0	0	53	9	0	62
822			Molecular Biology	0	0	0	0	137	29	0	166
823			Cell Biology	1	1	0	2	97	31	0	128
824			Developmental Biology	0	0	0	0	37	8	0	45
			Basic Biology total	1	1	0	2	324	77	0	401
831	A R E A		Neuroanatomy and Neuropathology	0	0	0	0	43	11	0	54
832			Neurochemistry and Neuropharmacology	0	0	0	0	45	25	0	70
833			Neuro Science in General	1	0	0	1	73	13	0	86
834			Neuro and Muscular Physiology	0	0	0	0	76	19	0	95
			Neuro Science (inclu. Brain Science) total	1	0	0	1	237	68	0	305
841			Laboratory Animal Science	0	0	0	0	39	6	0	45
851			Medical Organism Engineering and Material Science of Organism	2	0	0	2	166	16	0	182
			INTERDISCIPLINARY AREA Total	11	11	15	37	4,777	2,082	24	6,883
999			WIDE AREA Total	9	6	16	31	1,039	490	19	1,548
			Item n.a. Total	217	131	8,112	8,460	17,018	5,416	8,347	30,781
			Grand Total	346	232	8,226	8,804	56,626	16,047	8,521	81,194

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Total	Graduate school				Faculty at universities	Others
					Doctoral course	Master's course	Unknown	Total		
211	ARTS • HUMANITIES		Philosophy	638	457	144	9	610	18	10
212			Chinese Philosophy	173	121	47	2	170	3	0
213			Indian Philosophy (inclu. Buddhist Studies)	349	256	73	3	332	10	7
214			Religion	356	214	105	6	325	22	9
215			Ethics	181	130	45	1	176	4	1
216			History of Philosophy	286	180	80	5	265	15	6
217			Aesthetics (inclu. Arts)	2,106	222	817	62	1,101	855	150
218			Art History	387	145	163	7	315	63	9
			Philosophy total	4,476	1,725	1,474	95	3,294	990	192
221			Experimental Psychology	614	430	151	2	583	26	5
222			Educational and Social	2,122	1,093	751	18	1,862	237	23
223			Sociology	2,249	967	831	29	1,827	363	59
224			Education	2,258	1,055	769	31	1,855	321	82
225			Cultural Anthropology (inclu. Ethnology and Folklore)	591	330	155	6	491	80	20
			Psychology • Sociology • Education Cultural Anthropology total	7,834	3,875	2,657	86	6,618	1,027	189
231			Japanese History	757	472	197	8	677	70	10
232			Oriental History	435	294	108	2	404	27	4
233			European History	583	373	167	6	546	25	12
234			Archaeology (inclu. Prehistory)	236	94	100	2	196	38	2
			History total	2,011	1,233	572	18	1,823	160	28
241			Japanese Language	446	244	144	5	393	49	4
242			Japanese Literature	1,290	692	432	14	1,138	136	16
243			Chinese Language and Literature	468	247	171	4	422	40	6
244			English Language and Literature	3,124	1,029	1,653	29	2,711	340	73
245			French Language and Literature	477	283	165	6	454	20	3
246			German Language and Literature	653	228	376	2	606	35	12
247			Other Foreign Languages and Literatures	428	174	187	4	365	55	8
248			Linguistics and Phonetics	1,264	523	581	25	1,129	93	42
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	361	176	135	7	318	32	11
			Literature total	8,511	3,596	3,844	96	7,536	800	175
			ARTS • HUMANITIES Total	22,832	10,429	8,547	295	19,271	2,977	584
261	LAW		Basic Science of Law	303	201	65	2	268	32	3
262			Public Law	453	259	129	6	394	55	4
263			International Law	227	128	54	9	191	32	4
264			Civil Law	746	432	195	9	636	97	13
265			Social Law	185	105	48	2	155	27	3
266			Criminal Law	211	127	59	2	188	18	5
267			Politics	1,026	625	276	11	912	102	12
			LAW Total	3,151	1,877	826	41	2,744	363	44
271	ECONOMICS		General Theory of Economics	1,081	816	191	13	1,020	46	15
272			Economical Statistics	213	137	52	3	192	21	0
273			Economic Policy (inclu. Economic Condition)	1,187	728	260	13	1,001	172	14
274			Economic History	432	356	58	5	419	11	2
275			Public Finance, Money and Banking	519	326	98	5	429	86	4
276			Commercial Science	473	282	105	6	393	75	5
277			Business Administration	1,270	672	340	20	1,032	217	21
278			Accounting	669	447	160	5	612	56	1
			ECONOMICS Total	5,844	3,764	1,264	70	5,098	684	62
301	SCIENCE		Algebra	492	265	204	6	475	13	4
302			Geometry	422	206	185	1	392	20	10
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	630	285	266	6	557	68	5
305			Basic Analysis	431	213	189	3	405	21	5
306			Larger-area Analysis	192	108	78	0	186	5	1
			Mathematics total	2,167	1,077	922	16	2,015	127	25
311			Astronomy	232	159	51	1	211	11	10
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	829	640	156	4	800	21	8

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Country		
				Japan	Foreign countries	Unknown
211	ARTS • HUMANITIES		Philosophy	420	39	179
212			Chinese Philosophy	117	3	53
213			Indian Philosophy (inclu. Buddhist Studies)	217	16	116
214			Religion	207	66	83
215			Ethics	121	11	49
216			History of Philosophy	193	15	78
217			Aesthetics (inclu. Arts)	1,335	113	658
218			Art History	256	17	114
			Philosophy total	2,866	280	1,330
221			Experimental Psychology	430	26	158
222			Educational and Social	1,387	90	645
223			Sociology	1,455	101	693
224			Education	1,452	132	674
225			Cultural Anthropology (inclu. Ethnology and Folklore)	360	73	158
			Psychology • Sociology • Education Cultural Anthropology total	5,084	422	2,328
231			Japanese History	526	9	222
232			Oriental History	291	23	121
233			European History	365	54	164
234			Archaeology (inclu. Prehistory)	149	8	79
			History total	1,331	94	586
241			Japanese Language	318	8	120
242			Japanese Literature	855	14	421
243			Chinese Language and Literature	318	27	123
244			English Language and Literature	1,837	338	949
245			French Language and Literature	313	56	108
246			German Language and Literature	443	26	184
247			Other Foreign Languages and Literatures	271	51	106
248			Linguistics and Phonetics	651	309	304
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	227	39	95
			Literature total	5,233	868	2,410
	ARTS • HUMANITIES Total			14,514	1,664	6,654
261	LAW		Basic Science of Law	220	11	72
262			Public Law	334	12	107
263			International Law	145	21	61
264			Civil Law	511	11	224
265			Social Law	136	5	44
266			Criminal Law	144	5	62
267			Politics	678	91	257
	LAW Total			2,168	156	827
271	ECONOMICS		General Theory of Economics	703	98	280
272			Economical Statistics	131	29	53
273			Economic Policy (inclu. Economic Condition)	785	68	334
274			Economic History	289	13	130
275			Public Finance, Money and Banking	351	23	145
276			Commercial Science	322	11	140
277			Business Administration	829	58	383
278			Accounting	450	5	214
	ECONOMICS Total			3,860	305	1,679
301	SCIENCE		Algebra	357	18	117
302			Geometry	294	15	113
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	474	15	141
305			Basic Analysis	321	6	104
306			Larger-area Analysis	152	5	35
			Mathematics total	1,598	59	510
311			Astronomy	178	2	52
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	629	13	187

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Total	Graduate school				Faculty at universities	Others
					Doctoral course	Master's course	Unknown	Total		
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	421	258	114	5	377	33	11
323			Solid-State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories))	477	299	136	3	438	30	9
324			Physics in General	349	250	73	2	325	16	8
325			Physics in General	366	227	82	3	312	39	15
			Physics total	2,442	1,674	561	17	2,252	139	51
331			Physics of Solid Earth	247	141	87	1	229	14	4
332			Meteorology, Oceanography and Hydrology	314	171	107	1	279	29	6
333			Aeronomy	89	46	36	0	82	5	2
334			Geology	183	110	46	2	158	18	7
335			Stratigraphy and Paleontology	97	50	34	1	85	12	0
336			Mineralogy, Petrology and Study of Mineral Deposit	200	131	56	0	187	10	3
337			Geochemistry	153	89	51	0	140	12	1
			Earth Science total	1,283	738	417	5	1,160	100	23
341			Physical Chemistry	659	391	193	6	590	41	28
342			Organic Chemistry	548	288	176	2	466	64	18
343			Inorganic Chemistry	347	184	109	5	298	30	19
344			Function, Properties and Materials in Chemistry	292	148	88	3	239	44	9
345			Substance Transformation	41	22	15	0	37	3	1
346			Separation, Refining and Identification	229	92	81	2	175	43	11
			Chemistry total	2,116	1,125	662	18	1,805	225	86
351			Genetics	274	143	96	2	241	22	11
352			Ecology	483	291	134	4	429	45	9
353			Plant Physiology	306	177	91	3	271	18	17
354			Morphology, Structure of Organism	172	80	56	2	138	26	8
355			Animal Physiology and	191	85	75	1	161	28	2
356			Morphology and Taxonomy	245	153	66	1	220	25	0
			Biology total	1,671	929	518	13	1,460	164	47
361			Physical Anthropology (inclu. Physiological Anthropology)	111	47	42	1	90	19	2
			SCIENCE Total	10,022	5,749	3,173	71	8,993	785	244
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	278	143	96	1	240	28	10
402			Surface Physics	183	89	69	2	160	16	7
403			Applied Optics and Quantum Optics	302	133	126	0	259	32	11
404			General Applied Physics	183	79	51	1	131	47	5
405			Fundamentals of Engineering	125	58	51	1	110	14	1
			Applied Physics - Fundamentals of Engineering total	1,071	502	393	5	900	137	34
411			Materials for Machines and Strength of Materials	531	208	205	2	415	97	19
412			Workshop Processes and Production Engineering	410	116	163	5	284	107	19
413			Design Engineering, Machine Elements and Tribology	291	87	105	4	196	75	20
414			Fluid Mechanics	523	206	199	2	407	94	22
415			Heat Engineering	488	205	155	1	361	100	27
416			Mechanics and Control Engineering	389	159	159	2	320	52	17
417			Intelligent Mechanics and Machine System	465	200	189	2	391	54	20
			Machine Engineering total	3,097	1,181	1,175	18	2,374	579	144
421			Electric Power Engineering and Electric Machinery	528	156	214	4	374	128	26
422			Electronic and Electric Materials Engineering	521	221	198	2	421	82	18
423			Electron Devices and Apparatus Engineering	555	240	200	10	450	85	20
424			Information and Communication Engineering	1,188	481	441	10	932	205	51

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Country		
				Japan	Foreign countries	Unknown
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	313	14	94
323			Solid-State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	365	2	110
324			Physics in General	261	4	84
325			Physics in General	262	9	95
			Physics total	1,830	42	570
331			Physics of Solid Earth	193	7	47
332			Meteorology, Oceanography and Hydrology	240	9	65
333			Aeronomy	76	0	13
334			Geology	131	6	46
335			Stratigraphy and Paleontology	75	3	19
336			Mineralogy, Petrology and Study of Mineral Deposit	144	4	52
337			Geochemistry	126	3	24
			Earth Science total	985	32	266
341			Physical Chemistry	478	16	165
342			Organic Chemistry	394	11	143
343			Inorganic Chemistry	262	3	82
344			Function, Properties and Materials in Chemistry	223	1	68
345			Substance Transformation	30	0	11
346			Separation, Refining and Identification	162	0	67
			Chemistry total	1,549	31	536
351			Genetics	213	7	54
352			Ecology	339	6	138
353			Plant Physiology	211	7	88
354			Morphology, Structure of Organism	127	0	45
355			Animal Physiology and	141	2	48
356			Morphology and Taxonomy	180	7	58
			Biology total	1,211	29	431
361			Physical Anthropology (inclu. Physiological Anthropology)	70	1	40
			SCIENCE Total	7,421	196	2,405
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	205	10	63
402			Surface Physics	132	10	41
403			Applied Optics and Quantum Optics	224	9	69
404			General Applied Physics	146	1	36
405			Fundamentals of Engineering	97	2	26
			Applied Physics - Fundamentals of Engineering total	804	32	235
411			Materials for Machines and Strength of Materials	398	9	124
412			Workshop Processes and Production Engineering	289	3	118
413			Design Engineering, Machine Elements and Tribology	212	7	72
414			Fluid Mechanics	382	21	120
415			Heat Engineering	362	9	117
416			Mechanics and Control Engineering	281	7	101
417			Intelligent Mechanics and Machine System	344	17	104
			Machine Engineering total	2,268	73	756
421	G		Electric Power Engineering and Electric Machinery	360	15	153
422			Electronic and Electric Materials Engineering	387	18	116
423			Electron Devices and Apparatus Engineering	411	12	132
424			Information and Communication Engineering	910	26	252

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Total	Graduate school				Faculty at universities	Others
					Doctoral course	Master's course	Unknown	Total		
425	E N G I N E E R I N G		System Engineering	273	111	114	1	226	34	13
427			Electronic Measurements	429	170	178	4	352	69	8
428			Control Engineering	395	182	163	5	350	32	13
			Electric and Electronic Engineering	3,889	1,561	1,508	36	3,105	635	149
431			Construction Materials and Dynamics in General Civil Engineering	210	47	112	3	162	37	11
432			Structural Engineering and Seismology	306	99	150	1	250	44	12
433			Ground Engineering	304	101	138	1	240	50	14
434			Hydraulics and River Engineering	314	92	164	3	259	46	9
435			Traffic Engineering and Regional Planning	248	74	125	0	199	39	10
436			Civil Environmental System	255	82	122	3	207	36	12
			Civil Engineering total	1,637	495	811	11	1,317	252	68
441			Building Structure and Materials	486	166	209	4	379	88	19
442			Building Science and Building Equipment	256	98	102	3	203	45	8
443			City Planning and Building Planning	735	257	326	6	589	130	16
444			Architectural History and Design	334	123	136	2	261	66	7
			Architecture total	1,811	644	773	15	1,432	329	50
451			Physical Metallurgy	192	100	61	4	165	21	6
452			Inorganic Materials and	346	156	123	5	284	37	25
453			Composed Materials and Properties	118	49	41	1	91	20	7
454			Structural and Functional Materials	246	101	109	4	214	22	10
455			Metallurgy and Material	293	116	112	1	229	52	12
456			Metal Productive Engineering	127	55	38	0	93	24	10
			Material Engineering total	1,322	577	484	15	1,076	176	70
461			Chemical Engineering in General	233	101	84	3	188	33	12
462			Reaction and Separation Engineering	144	72	54	2	128	13	3
463			Catalyst and Chemical Process	130	67	46	2	115	10	5
464			Bioengineering	250	136	92	2	230	16	4
465			Industrial Analytical Chemistry	113	39	45	1	85	24	4
			Process Engineering total	870	415	321	10	746	96	28
471			Industrial Physical Chemistry	222	113	81	1	195	23	4
472			Industrial Inorganic Chemistry	102	37	35	0	72	24	6
473			Industrial Organic Chemistry	103	56	28	3	87	14	2
474			Synthetic Chemistry	275	140	101	3	244	23	8
475			Polymer Synthesis	227	109	88	0	197	19	11
476			Polymer Structure and Property (inclu. Fiber)	261	121	96	3	220	31	10
			Industrial Chemistry total	1,190	576	429	10	1,015	134	41
481			Aeronautics	156	84	52	1	137	16	3
482			Ship Engineering	109	30	36	1	67	29	13
483			Marine Engineering	51	19	21	1	41	6	4
484			Resource Development Engineering	99	41	41	0	82	17	0
			Synthetic Engineering total	415	174	150	3	327	68	20
			ENGINEERING Total	15,302	6,125	6,044	123	12,292	2,406	604
501	A G R I C U L T U R E		Plant Breeding	141	66	48	3	117	18	6
502			Crop Science	110	46	36	0	82	28	0
503			Horticulture and Landscape Architecture	335	91	160	4	255	76	4
504			Plant Protection	205	92	81	0	173	26	6
505			Sericultural Science and Economic Entomology	73	27	23	1	51	15	7
			Agriculture total	864	322	348	8	678	163	23
511			Plant Fertilizer and Manure and Soil Science	162	73	64	0	137	20	5
512			Applied Microbiochemistry and Applied Biochemistry	534	254	188	5	447	75	12
513			Biological Productive Chemistry and Bioorganic Chemistry	154	76	60	1	137	15	2
514			Food Science and Nutritional Chemistry	673	229	250	7	486	162	25

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Country		
				Japan	Foreign countries	Unknown
425	E N G I N E E R I N G		System Engineering	197	11	65
427			Electronic Measurements	324	4	101
428			Control Engineering	282	12	101
			Electric and Electronic Engineering	2,871	98	920
431			Construction Materials and Dynamics in General Civil Engineering	145	14	51
432			Structural Engineering and Seismology	214	15	77
433			Ground Engineering	202	14	88
434			Hydraulics and River Engineering	227	10	77
435			Traffic Engineering and Regional Planning	182	6	60
436			Civil Environmental System	176	15	64
			Civil Engineering total	1,146	74	417
441		N	Building Structure and Materials	341	19	126
442			Building Science and Building Equipment	192	4	60
443			City Planning and Building Planning	523	31	181
444			Architectural History and Design	222	12	100
			Architecture total	1,278	66	467
451		N	Physical Metallurgy	140	10	42
452			Inorganic Materials and	260	8	78
453		E	Composed Materials and Properties	79	8	31
454			Structural and Functional Materials	172	13	61
455		R	Metallurgy and Material	218	7	68
456			Metal Productive Engineering	104	5	18
			Material Engineering total	973	51	298
461		I	Chemical Engineering in General	174	11	48
462			Reaction and Separation Engineering	108	3	33
463			Catalyst and Chemical Process	99	4	27
464			Bioengineering	189	6	55
465			Industrial Analytical Chemistry	87	2	24
			Process Engineering total	657	26	187
471			Industrial Physical Chemistry	175	6	41
472			Industrial Inorganic Chemistry	75	0	27
473			Industrial Organic Chemistry	85	0	18
474			Synthetic Chemistry	212	4	59
475			Polymer Synthesis	158	7	62
476			Polymer Structure and Property (inclu. Fiber)	195	3	63
			Industrial Chemistry total	900	20	270
481			Aeronautics	118	2	36
482			Ship Engineering	79	5	25
483			Marine Engineering	33	1	17
484			Resource Development Engineering	85	4	10
			Synthetic Engineering total	315	12	88
			ENGINEERING Total	11,212	452	3,638
501	A G R I C U L T U R E		Plant Breeding	91	5	45
502			Crop Science	87	1	22
503			Horticulture and Landscape Architecture	237	6	92
504			Plant Protection	146	7	52
505			Sericultural Science and Economic Entomology	51	3	19
			Agriculture total	612	22	230
511			Plant Fertilizer and Manure and Soil Science	120	0	42
512			Applied Microbiochemistry and Applied Biochemistry	391	9	134
513			Biological Productive Chemistry and Bioorganic Chemistry	117	1	36
514			Food Science and Nutritional Chemistry	466	5	202

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Total	Graduate school				Faculty at universities	Others
					Doctoral course	Master's course	Unknown	Total		
	A		Agricultural Chemistry total	1,523	632	562	13	1,207	272	44
521	G		Forestry	306	133	120	1	254	46	6
522			Wood Science	186	62	100	0	162	22	2
			Forestry total	492	195	220	1	416	68	8
531	R		Fisheries in General	331	144	122	5	271	59	1
532			Fisheries Chemistry	117	53	44	1	98	18	1
			Fisheries total	448	197	166	6	369	77	2
541	I		Agricultural Economics	324	176	93	7	276	44	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	178	51	80	4	135	37	6
552	U		Agricultural Machinery	120	32	55	1	88	29	3
553	L		Biological Environment	72	27	32	0	59	13	0
			Agricultural Engineering total	370	110	167	5	282	79	9
561	T		Animal Science and Grassland Science	158	56	65	1	122	34	2
562	U		Applied Animal Science	158	78	62	3	143	14	1
563	R		Basic Veterinary Medicine and Basic Animal Science	251	95	97	5	197	47	7
564			Applied Veterinary Medicine	255	86	89	7	182	66	7
	E		Animal Science·Veterinary Medicine total	822	315	313	16	644	161	17
571			Biological Resource Science	77	37	30	0	67	9	1
572			Applied Molecular Cell Biology	78	42	34	0	76	2	0
			Interdisciplinary Agricultural Science total	155	79	64	0	143	11	1
			AGRICULTURE Total	4,998	2,026	1,933	56	4,015	875	108
601	M		Anatomy in General (inclu. Histology, Embryology)	370	134	73	9	216	146	8
602			Physiology in General	415	176	56	14	246	148	21
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	271	78	101	4	183	81	7
604			Pharmacology in General	305	134	51	4	189	106	10
605			Medical Chemistry in General	308	161	50	0	211	86	11
606			Pathological Medical Chemistry	160	77	22	4	103	49	8
			Physiology total	1,829	760	353	35	1,148	616	65
611			Hominal Pathology	486	255	16	10	281	196	9
612			Experimental Pathology	247	106	37	4	147	93	7
613			Parasitology (inclu. Medical Zoology)	160	66	36	2	104	53	3
614			Bacteriology (inclu. Eumycetes)	297	120	72	1	193	89	15
615			Virology	236	115	53	2	170	59	7
616			Immunology	384	198	61	1	260	113	11
			Pathology total	1,810	860	275	20	1,155	603	52
621			Hygiene	265	104	57	1	162	96	7
622			Public Health and Health Science	900	239	263	16	518	321	61
623			Legal Medicine	206	74	40	4	118	84	4
	N		Social Medicine total	1,371	417	360	21	798	501	72
631	E		Internal Medicine in General	512	180	7	7	194	292	26
632			Gastroenterology	609	202	7	7	216	374	19
633			Internal Medicine Respiratory System	285	94	3	1	98	180	7
634			Neurological Medicine	367	147	4	8	159	197	11
635			Cardioangiopathy	673	223	5	12	240	407	26
636			Pediatrics	623	191	12	8	211	394	18
637			Dermatology	359	121	5	8	134	212	13
638			Radiology	711	203	33	8	244	417	50
639			Neuropsychiatry	582	190	22	11	223	340	19
641			Hematology	399	172	6	3	181	209	9
642			Internal Medicine of Kidney	263	86	4	5	95	160	8
643			Embryology and Newborn	45	12	2	0	14	31	0
644			Endocrinology	212	97	4	2	103	103	6
645			Metabolic Science	240	76	13	2	91	142	7
			Internal Medicine total	5,880	1,994	127	82	2,203	3,458	219
651			Surgery in General	536	158	3	3	164	359	13
652			Gastroenterological Surgery	538	175	4	9	188	337	13
653			Thoracic Surgery	388	149	1	7	157	223	8

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Country		
				Japan	Foreign countries	Unknown
	A		Agricultural Chemistry total	1,094	15	414
521	G		Forestry	227	3	76
522			Wood Science	145	3	38
			Forestry total	372	6	114
531	R		Fisheries in General	248	5	78
532			Fisheries Chemistry	82	3	32
	I		Fisheries total	330	8	110
541			Agricultural Economics	232	6	86
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	116	4	58
552	U		Agricultural Machinery	93	0	27
553	L		Biological Environment	46	5	21
			Agricultural Engineering total	255	9	106
561	T		Animal Science and Grassland Science	113	5	40
562	U		Applied Animal Science	126	3	29
563			Basic Veterinary Medicine and Basic Animal Science	169	4	78
564	R		Applied Veterinary Medicine	160	14	81
	E		Animal Science-Veterinary Medicine total	568	26	228
571			Biological Resource Science	55	4	18
572			Applied Molecular Cell Biology	55	4	19
			Interdisciplinary Agricultural Science total	110	8	37
			AGRICULTURE Total	3,573	100	1,325
601	M		Anatomy in General (inclu. Histology, Embryology)	255	10	105
602			Physiology in General	302	10	103
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	183	9	79
604			Pharmacology in General	212	6	87
605			Medical Chemistry in General	234	4	70
606			Pathological Medical Chemistry	116	5	39
			Physiology total	1,302	44	483
611			Hominal Pathology	360	9	117
612			Experimental Pathology	176	8	63
613			Parasitology (inclu. Medical Zoology)	122	6	32
614			Bacteriology (inclu. Eumycetes)	207	5	85
615			Virology	166	7	63
616			Immunology	269	12	103
			Pathology total	1,300	47	463
621			Hygiene	189	11	65
622			Public Health and Health Science	595	32	273
623			Legal Medicine	156	4	46
	N		Social Medicine total	940	47	384
631	E		Internal Medicine in General	373	6	133
632			Gastroenterology	456	3	150
633			Internal Medicine Respiratory System	218	1	66
634			Neurological Medicine	286	5	76
635			Cardioangiolog	513	7	153
636			Pediatrics	477	7	139
637			Dermatology	262	2	95
638			Radiology	549	5	157
639			Neuropsychiatry	410	8	164
641			Hematology	304	2	93
642			Internal Medicine of Kidney	196	3	64
643			Embryology and Newborn	34	0	11
644			Endocrinology	164	1	47
645			Metabolic Science	178	2	60
			Internal Medicine total	4,420	52	1,408
651			Surgery in General	411	4	121
652			Gastroenterological Surgery	398	6	134
653			Thoracic Surgery	288	2	98

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Total	Graduate school				Faculty at universities	Others
					Doctoral course	Master's course	Unknown	Total		
654	M		Neurosurgery	442	150	5	3	158	280	4
655			Orthopedic Surgery	736	255	67	12	334	371	31
656			Anesthesiology and Rescue Medicine	528	140	5	4	149	357	22
657			Urology	383	104	1	6	111	260	12
658			Obstetrics and Gynecology	482	197	8	6	211	261	10
659			Oto-rhino-laryngology	411	136	8	8	152	243	16
660			Ophthalmology	407	141	2	5	148	246	13
661			Pediatric Surgery	82	21	0	2	23	58	1
662			Formative Surgery	119	17	0	2	19	99	1
			Surgery total	5,052	1,643	104	67	1,814	3,094	144
671	E		Oral Anatomy and Morphological Basic Dentistry	340	129	30	4	163	163	14
672			Functional Basic Dentistry	251	105	29	3	137	107	7
673			Morbid Dentistry (inclu. Dental Radiology)	249	91	7	3	101	144	4
674			Conservative Dentistry	453	199	3	3	205	225	23
675			Prosthodontics and Dental Technology	669	263	21	10	294	341	34
676			Oral Surgery	769	284	3	4	291	459	19
677			Orthodontics, Pedodontics and Social Dentistry	728	245	11	11	267	424	37
678			Periodontological Dentistry	195	80	0	2	82	101	12
			Dentistry total	3,654	1,396	104	40	1,540	1,964	150
681	E		Chemical Pharmaceutics	523	214	212	4	430	91	2
682			Physical Pharmaceutics	233	96	85	0	181	49	3
683			Biopharmaceutics	597	224	242	3	469	128	0
684			Molecular Pharmaceutics	159	60	72	0	132	22	5
685			Environmental Pharmaceutics	79	28	33	1	62	16	1
			Pharmaceutics total	1,591	622	644	8	1,274	306	11
691			Medical Sociology	196	72	46	3	121	67	8
692			Human Genetics	90	35	10	0	45	44	1
693			Applied Pharmacology and Medical Pharmacology	198	74	73	3	150	47	1
694			Pathological Examination	214	55	14	1	70	117	27
696			Science of Basic and Local Nursing	760	91	380	19	490	179	91
697			Science of Clinical Nursing	1,018	89	538	30	657	237	124
			Medicine in General total	2,476	416	1,061	56	1,533	691	252
			MEDICINE Total	23,663	8,108	3,028	329	11,465	11,233	965
702	I	N	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	139	70	38	1	109	25	5
703			Physical Education	1,973	194	750	21	965	959	49
704			Human Geography	321	187	103	5	295	23	3
705			Physical Geography	145	91	40	1	132	12	1
			Geography total	466	278	143	6	427	35	4
706			Home Science(inclu. Cloth/Living Environments)	820	105	284	10	399	299	122
707			Food Culture	613	81	182	6	269	270	74
			Domestic Science total	1,433	186	466	16	668	569	196
708			Science of Cultural Property	43	16	20	1	37	4	2
711			Science Education	281	106	100	2	208	70	3
712	I	N	Educational Engineering	435	130	168	7	305	119	11
713			Curriculum Studies	1,286	229	609	27	865	384	37
714			Japanese Language Education	249	64	137	3	204	41	4
			Science Education·Curriculum Education total	2,251	529	1,014	39	1,582	614	55
721			Statistics	171	84	54	1	139	31	1
731			Computer Science	1,050	485	380	9	874	148	28
732			Intelligent Informatics	791	384	287	5	676	89	26
733			Study of Information System (Inclu. Library and Information Science)	698	216	207	8	431	244	23
			Information Science total	2,539	1,085	874	22	1,981	481	77
741			Social System Engineering	421	207	140	6	353	58	10
751	I		Natural Disaster Science	57	25	26	0	51	6	0
761			Plasma Science and Technology	219	137	64	2	203	14	2
772			Nuclear Fusion	89	57	22	2	81	8	0

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Country		
				Japan	Foreign countries	Unknown
654	M		Neurosurgery	325	4	113
655			Orthopedic Surgery	548	8	180
656			Anesthesiology and Rescue Medicine	370	3	155
657			Urology	285	2	96
658			Obstetrics and Gynecology	366	4	112
659			Oto-rhino-laryngology	301	1	109
660			Ophthalmology	286	1	120
661			Pediatric Surgery	54	0	28
662			Formative Surgery	87	0	32
			Surgery total	3,719	35	1,298
671	E		Oral Anatomy and Morphological Basic Dentistry	223	5	112
672			Functional Basic Dentistry	176	2	73
673			Morbid Dentistry (inclu. Dental Radiology)	165	3	81
674			Conservative Dentistry	308	0	145
675			Prosthodontics and Dental Technology	446	9	214
676			Oral Surgery	515	3	251
677			Orthodontics, Pedodontics and Social Dentistry	473	13	242
678			Periodontological Dentistry	141	4	50
			Dentistry total	2,447	39	1,168
681			Chemical Pharmaceutics	373	2	148
682			Physical Pharmaceutics	167	0	66
683			Biopharmaceutics	426	5	166
684			Molecular Pharmaceutics	118	0	41
685			Environmental Pharmaceutics	54	1	24
			Pharmaceutics total	1,138	8	445
691			Medical Sociology	132	9	55
692			Human Genetics	70	2	18
693			Applied Pharmacology and Medical Pharmacology	147	3	48
694			Pathological Examination	148	4	62
696			Science of Basic and Local Nursing	470	21	269
697			Science of Clinical Nursing	625	17	376
			Medicine in General total	1,592	56	828
			MEDICINE Total	16,858	328	6,477
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	97	10	32
703			Physical Education	1,315	20	638
704			Human Geography	204	9	108
705			Physical Geography	100	3	42
			Geography total	304	12	150
706			Home Science (inclu. Cloth/Living Environments)	481	10	329
707			Food Culture	390	0	223
			Domestic Science total	871	10	552
708			Science of Cultural Property	34	0	9
711			Science Education	197	4	80
712			Educational Engineering	314	12	109
713			Curriculum Studies	797	72	417
714			Japanese Language Education	162	37	50
			Science Education·Curriculum Education total	1,470	125	656
721			Statistics	133	7	31
731			Computer Science	832	25	193
732			Intelligent Informatics	592	23	176
733			Study of Information System (Inclu. Library and Information Science)	477	22	199
			Information Science total	1,901	70	568
741			Social System Engineering	293	21	107
751			Natural Disaster Science	46	1	10
761			Plasma Science and Technology	170	4	45
772			Nuclear Fusion	71	0	18

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Total	Graduate school				Faculty at universities	Others
					Doctoral course	Master's course	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	111	56	42	1	99	11	1
774			Nuclear Power Science	177	87	65	0	152	25	0
			Energy total	377	200	129	3	332	44	1
801			Environmental Dynamic Analysis	196	112	56	1	169	26	1
802			Environmental Influence Assessment (inclu. Radiobiology)	207	89	64	3	156	46	5
803			Environmental Preservation	344	160	111	2	273	62	9
			Environmental Science total	747	361	231	6	598	134	15
811			Biological Organic Chemistry	219	122	72	7	201	17	1
812			Structured Biochemistry	197	119	58	2	179	17	1
813			Functional Biochemistry	294	174	75	1	250	38	6
			Biological Chemistry total	710	415	205	10	630	72	8
821	A R E A		Biophysics	251	165	63	2	230	12	9
822			Molecular Biology	644	397	158	5	560	65	19
823			Cell Biology	417	245	99	8	352	56	9
824			Developmental Biology	245	140	75	5	220	17	8
			Basic Biology total	1,557	947	395	20	1,362	150	45
831			Neuroanatomy and Neuropathology	160	75	21	3	99	58	3
832			Neurochemistry and Neuropharmacology	179	85	47	2	134	43	2
833			Neuro Science in General	344	189	71	8	268	58	18
834			Neuro and Muscular Physiology	246	112	61	4	177	57	12
			Neuro Science (inclu. Brain Science) total	929	461	200	17	678	216	35
841			Laboratory Animal Science	107	32	31	2	65	33	9
851			Medical Organism Engineering and Material Science of Organism	462	209	142	5	356	95	11
			INTERDISCIPLINARY AREA Total	14,601	5,436	4,922	178	10,536	3,540	525
999			WIDE AREA Total	2,357	565	759	46	1,370	793	194
			Item n.a. Total	71,401	21,164	15,406	925	37,495	10,597	23,309
			Grand Total	174,171	65,243	45,902	2,134	113,279	34,253	26,639

Table 9. Last Degree Course Completed by Field of Specialization

Code	Subject	Subdivision	Item	Country		
				Japan	Foreign countries	Unknown
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	82	2	27
774			Nuclear Power Science	147	2	28
			Energy total	300	4	73
801			Environmental Dynamic Analysis	139	5	52
802			Environmental Influence Assessment (inclu. Radiobiology)	143	6	58
803			Environmental Preservation	232	12	100
			Environmental Science total	514	23	210
811			Biological Organic Chemistry	170	1	48
812			Structured Biochemistry	146	3	48
813			Functional Biochemistry	227	1	66
			Biological Chemistry total	543	5	162
821			Biophysics	196	4	51
822			Molecular Biology	507	6	131
823			Cell Biology	329	2	86
824			Developmental Biology	183	3	59
			Basic Biology total	1,215	15	327
831	A R E A		Neuroanatomy and Neuropathology	117	2	41
832			Neurochemistry and Neuropharmacology	132	1	46
833			Neuro Science in General	240	5	99
834			Neuro and Muscular Physiology	175	8	63
			Neuro Science (inclu. Brain Science) total	664	16	249
841			Laboratory Animal Science	80	2	25
851			Medical Organism Engineering and Material Science of Organism	365	8	89
			INTERDISCIPLINARY AREA Total	10,315	353	3,933
999			WIDE AREA Total	1,511	151	695
			Item n.a. Total	30,087	906	40,408
			Grand Total	101,519	4,611	68,041

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivision	I t e m	Doctor of								
				Philosophy	Literature	Education	Theology	Sociology	Law	Politics	Economics	Commerce
211	ARTS • HUMANITIES		Philosophy	9	99	1	5	1	0	1	3	0
212			Chinese Philosophy	0	36	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	8	83	0	0	0	0	0	0	0
214			Religion	12	50	0	45	0	0	0	1	0
215			Ethics	3	22	1	4	1	0	0	0	0
216			History of Philosophy	12	39	0	3	0	6	1	7	0
217			Aesthetics (inclu. Arts)	21	35	2	0	1	0	0	0	0
218			Art History	10	30	0	0	0	0	0	0	0
			Philosophy total	75	394	4	57	3	6	2	11	0
221			Experimental Psychology	28	97	38	0	2	0	0	0	0
222			Educational and Social	60	79	192	3	19	0	0	3	0
223			Sociology	39	44	24	1	123	7	3	9	1
224			Education	36	19	260	1	3	0	0	1	0
225			Cultural Anthropology (inclu. Ethnology and Folklore)	37	78	3	0	19	0	2	0	0
			Psychology • Sociology • Education Cultural Anthropology total	200	317	517	5	166	7	5	13	1
231			Japanese History	5	259	1	0	6	2	0	6	0
232			Oriental History	14	96	0	0	2	4	2	2	0
233			European History	13	98	0	1	8	3	2	3	0
234			Archaeology (inclu. Prehistory)	4	53	0	0	0	0	0	0	0
			History total	36	506	1	1	16	9	4	11	0
241			Japanese Language	4	70	2	0	0	0	0	0	0
242			Japanese Literature	8	186	2	0	0	0	0	0	0
243			Chinese Language and Literature	3	55	0	0	1	1	0	0	0
244			English Language and Literature	37	186	11	0	1	1	0	0	0
245			French Language and Literature	2	114	0	0	0	0	0	0	0
246			German Language and Literature	5	36	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	8	39	0	0	1	0	0	0	0
248			Linguistics and Phonetics	58	142	15	0	1	0	0	0	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	23	41	0	7	0	0	0	0	0
			Literature total	148	869	30	7	4	2	0	0	0
			ARTS • HUMANITIES Total	459	2,086	552	70	189	24	11	35	1
261	LAW		Basic Science of Law	3	0	0	0	1	85	0	1	0
262			Public Law	2	0	0	0	0	95	6	1	1
263			International Law	7	0	0	0	0	40	1	1	0
264			Civil Law	3	0	0	0	0	145	1	1	0
265			Social Law	1	0	0	0	1	33	0	1	0
266			Criminal Law	0	0	0	0	0	47	0	0	0
267			Politics	18	13	1	0	8	177	78	2	1
		LAW Total	34	13	1	0	10	622	86	7	2	
271	ECONOMICS		General Theory of Economics	20	0	0	0	1	0	0	339	10
272			Economical Statistics	6	0	0	0	0	0	0	70	3
273			Economic Policy (inclu. Economic Condition)	18	2	0	0	5	1	0	265	22
274			Economic History	8	17	0	0	3	0	1	129	7
275			Public Finance, Money and Banking	2	0	0	0	0	2	0	133	23
276			Commercial Science	2	0	0	0	0	0	0	14	66
277			Business Administration	26	2	0	0	3	0	1	77	50
278			Accounting	5	0	0	0	0	0	0	49	57
			ECONOMICS Total	87	21	0	0	12	3	2	1,076	238
301	SCIENCE		Algebra	9	0	0	0	0	0	0	0	0
302			Geometry	7	0	0	0	0	0	0	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	20	0	1	0	0	0	0	0	0
305			Basic Analysis	5	0	0	0	0	0	0	0	0
306			Larger-area Analysis	1	0	0	0	0	0	0	0	0
			Mathematics total	42	0	1	0	0	0	0	0	0
311			Astronomy	2	0	0	0	0	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	10	0	1	0	0	0	0	0	0

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivision	I t e m	Doctor of							
				Business Administration	Science	Medicine	Dentistry	Pharmaceutical Science	Health Science	Engineering	Agriculture
211	ARTS • HUMANITIES		Philosophy	0	3	1	0	0	0	3	0
212			Chinese Philosophy	0	0	0	0	0	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	1	2	0	0	0	1	0
214			Religion	0	1	1	0	0	0	1	0
215			Ethics	0	0	4	0	0	0	0	0
216			History of Philosophy	0	0	0	0	0	0	1	0
217			Aesthetics (inclu. Arts)	0	0	2	1	0	0	4	0
218			Art History	0	0	0	0	0	0	0	0
			Philosophy total	0	5	10	1	0	0	10	0
221			Experimental Psychology	0	5	29	0	0	0	14	0
222			Educational and Social	2	2	59	0	0	7	14	0
223			Sociology	0	3	12	1	0	11	12	7
224			Education	0	7	7	2	0	0	6	2
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	13	3	0	0	0	2	5
			Psychology • Sociology • Education Cultural Anthropology total	2	30	110	3	0	18	48	14
231			Japanese History	1	0	1	0	0	0	1	3
232			Oriental History	0	0	0	0	0	0	0	1
233			European History	0	0	0	0	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	2	0	0	0	0	1	1
			History total	1	2	1	0	0	0	2	5
241			Japanese Language	0	0	0	0	0	0	1	0
242			Japanese Literature	0	0	0	0	0	0	0	0
243			Chinese Language and Literature	0	0	0	0	0	0	0	0
244			English Language and Literature	0	2	0	0	0	0	1	1
245			French Language and Literature	0	0	0	0	0	0	1	0
246			German Language and Literature	0	0	0	0	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0	0	0	1	1
248			Linguistics and Phonetics	0	0	4	1	0	0	7	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0
			Literature total	0	2	4	1	0	0	11	2
			ARTS • HUMANITIES Total	3	39	125	5	0	18	71	21
261	LAW		Basic Science of Law	0	0	0	0	0	0	1	0
262			Public Law	1	0	0	0	0	0	0	0
263			International Law	0	0	0	0	0	0	0	0
264			Civil Law	0	0	2	0	0	0	1	0
265			Social Law	0	0	1	0	0	0	0	0
266			Criminal Law	1	0	0	0	0	0	0	0
267			Politics	0	0	0	0	0	0	1	0
		LAW Total	2	0	3	0	0	0	3	0	
271	ECONOMICS		General Theory of Economics	2	4	0	0	0	0	7	9
272			Economical Statistics	1	2	0	0	0	0	3	6
273			Economic Policy (inclu. Economic Condition)	4	6	3	0	0	0	11	24
274			Economic History	5	1	0	0	0	0	0	9
275			Public Finance, Money and Banking	2	2	0	0	0	0	0	1
276			Commercial Science	9	3	0	0	0	0	2	5
277			Business Administration	133	4	2	0	0	0	37	4
278			Accounting	57	0	0	0	0	0	2	0
		ECONOMICS Total	213	22	5	0	0	0	62	58	
301	SCIENCE		Algebra	0	350	0	0	0	0	8	0
302			Geometry	0	290	0	0	0	0	9	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	3	322	1	0	0	0	90	0
305			Basic Analysis	0	315	0	0	0	0	15	0
306			Larger-area Analysis	0	147	0	0	0	0	16	0
			Mathematics total	3	1,424	1	0	0	0	138	0
311			Astronomy	0	164	0	0	0	0	6	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	641	0	0	0	0	29	0

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of				Total
				Veterinary Science	Fisheries Science	Forestry	Others	
211	ARTS • HUMANITIES		Philosophy	0	0	0	41	167
212			Chinese Philosophy	0	0	0	3	39
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	24	119
214			Religion	0	0	0	23	134
215			Ethics	0	0	0	4	39
216			History of Philosophy	0	0	0	11	80
217			Aesthetics (inclu. Arts)	0	0	0	40	106
218			Art History	0	0	0	16	56
			Philosophy total	0	0	0	162	740
221			Experimental Psychology	0	0	0	101	314
222			Educational and Social	0	0	0	149	589
223			Sociology	0	0	0	89	386
224			Education	0	1	0	36	381
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	49	211
			Psychology • Sociology • Education Cultural Anthropology total	0	1	0	424	1,881
231			Japanese History	0	0	0	13	298
232			Oriental History	0	0	0	5	126
233			European History	0	0	0	19	147
234			Archaeology (inclu. Prehistory)	0	0	0	4	65
			History total	0	0	0	41	636
241			Japanese Language	0	0	0	4	81
242			Japanese Literature	0	0	0	15	211
243			Chinese Language and Literature	0	0	0	5	65
244			English Language and Literature	0	0	0	28	268
245			French Language and Literature	0	0	0	13	130
246			German Language and Literature	0	0	0	11	52
247			Other Foreign Languages and Literatures	0	0	0	14	64
248			Linguistics and Phonetics	0	0	0	62	290
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	9	80
			Literature total	0	0	0	161	1,241
			ARTS • HUMANITIES Total	0	1	0	788	4,498
261	LAW		Basic Science of Law	0	0	0	3	94
262			Public Law	0	0	0	4	110
263			International Law	0	0	0	5	54
264			Civil Law	0	0	0	5	158
265			Social Law	0	0	0	0	37
266			Criminal Law	0	0	0	0	48
267			Politics	0	0	0	32	331
			LAW Total	0	0	0	49	832
271	ECONOMICS		General Theory of Economics	0	0	0	33	425
272			Economical Statistics	0	0	0	6	97
273			Economic Policy (inclu. Economic Condition)	0	0	0	23	384
274			Economic History	0	0	0	10	190
275			Public Finance, Money and Banking	0	0	0	8	173
276			Commercial Science	0	1	0	9	111
277			Business Administration	0	0	0	25	364
278			Accounting	0	0	0	4	174
			ECONOMICS Total	0	1	0	118	1,918
301	SCIENCE		Algebra	0	0	0	7	374
302			Geometry	0	0	0	10	316
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	0	8	445
305			Basic Analysis	0	0	0	3	338
306			Larger-area Analysis	0	0	0	3	167
			Mathematics total	0	0	0	31	1,640
311			Astronomy	0	0	0	1	173
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	0	6	687

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivision	I t e m	Doctor of								
				Philosophy	Literature	Education	Theology	Sociology	Law	Politics	Economics	Commerce
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	7	0	0	0	0	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	8	0	0	0	0	0	0	0	0
324			Physical Properties in General (inclu. Basic Theories)	4	0	0	0	0	0	0	0	0
325			Physics in General	4	0	0	0	0	0	0	0	0
		Physics total	33	0	1	0	0	0	0	0	0	
331			Physics of Solid Earth	3	0	0	0	0	0	0	0	0
332			Meteorology, Oceanography and Hydrology	3	1	0	0	0	0	0	0	0
333			Aeronomy	0	0	0	0	0	0	0	0	0
334			Geology	2	0	0	0	0	0	0	0	0
335			Stratigraphy and Paleontology	2	0	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	6	0	0	0	0	0	0	0	0
337			Geochemistry	4	0	0	0	0	0	0	0	0
			Earth Science total	20	1	0	0	0	0	0	0	0
341			Physical Chemistry	13	0	0	0	0	0	0	0	0
342			Organic Chemistry	5	0	0	0	0	0	0	0	0
343			Inorganic Chemistry	2	0	0	0	0	0	0	0	0
344			Function, Properties and Materials in Chemistry	9	0	0	0	0	0	0	0	0
345			Substance Transformation	0	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	2	0	0	0	0	0	0	0	0
			Chemistry total	31	0	0	0	0	0	0	0	0
351			Genetics	4	0	0	0	0	0	0	0	0
352			Ecology	13	0	0	0	0	0	0	0	0
353			Plant Physiology	7	0	0	0	0	0	0	0	0
354			Morphology, Structure of Organism	0	0	0	0	0	0	0	0	0
355			Animal Physiology and	3	0	0	0	0	0	0	0	0
356			Morphology and Taxonomy	8	0	0	0	0	0	0	0	0
			Biology total	35	0	0	0	0	0	0	0	0
361			Physical Anthropology (inclu. Physiological Anthropology)	7	0	1	0	0	0	0	0	0
	SCIENCE Total			170	1	3	0	0	0	0	0	
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	1	0	0	0	0	0	0	0	0
402			Surface Physics	4	0	0	0	0	0	0	0	0
403			Applied Optics and Quantum Optics	5	0	0	0	0	0	0	0	0
404			General Applied Physics	1	0	0	0	0	0	0	0	0
405			Fundamentals of Engineering	3	0	0	0	0	0	0	0	0
		Applied Physics - Fundamentals of Engineering total	14	0	0	0	0	0	0	0	0	
411			Materials for Machines and Strength of Materials	3	0	0	0	0	0	0	0	0
412			Workshop Processes and Production Engineering	8	0	0	0	0	0	0	0	0
413			Design Engineering, Machine Elements and Tribology	1	0	0	0	0	0	0	0	0
414			Fluid Mechanics	4	0	0	0	0	0	0	0	0
415			Heat Engineering	2	0	0	0	0	0	0	0	0
416			Mechanics and Control Engineering	1	0	0	0	0	0	0	0	0
417			Intelligent Mechanics and Machine System	1	2	0	0	0	0	0	0	0
			Machine Engineering total	20	2	0	0	0	0	0	0	0
421			Electric Power Engineering and Electric Machinery	2	0	0	0	0	0	0	0	0
422			Electronic and Electric Materials Engineering	2	0	0	0	0	0	0	0	0
423			Electron Devices and Apparatus Engineering	7	0	0	0	0	0	0	0	0
424			Information and Communication Engineering	10	0	0	0	0	0	1	0	0

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivision	I t e m	Doctor of							
				Business Administration	Science	Medicine	Dentistry	Pharmaceutical Science	Health Science	Engineering	Agriculture
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	241	0	0	0	0	114	0
323			Solid-State Physics II (Magnetism, Metal Physics,	0	320	0	0	0	0	82	0
324			Physical Properties in General (inclu. Basic Theories)	0	214	1	0	0	0	70	1
325			Physics in General	0	214	2	0	0	0	63	0
		Physics total	0	1,630	3	0	0	0	358	1	
331			Physics of Solid Earth	0	180	0	0	0	0	12	0
332			Meteorology, Oceanography and Hydrology	0	197	0	0	0	0	13	8
333			Aeronomy	0	46	0	0	0	0	14	0
334			Geology	0	135	0	0	0	0	3	0
335			Stratigraphy and Paleontology	0	68	0	1	0	0	1	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	161	0	0	0	0	6	0
337			Geochemistry	0	99	1	0	0	0	6	3
			Earth Science total	0	886	1	1	0	0	55	11
341			Physical Chemistry	0	427	1	0	5	0	103	2
342			Organic Chemistry	0	294	2	1	40	0	94	7
343			Inorganic Chemistry	0	216	1	0	7	0	49	0
344			Function, Properties and Materials in Chemistry	0	141	3	1	1	0	77	1
345			Substance Transformation	0	24	0	0	1	0	9	0
346			Separation, Refining and Identification	0	119	8	0	11	0	36	4
			Chemistry total	0	1,221	15	2	65	0	368	14
351			Genetics	0	128	16	2	4	0	3	30
352			Ecology	0	223	10	0	0	0	2	78
353			Plant Physiology	0	149	2	0	2	0	1	59
354			Morphology, Structure of Organism	0	83	20	1	1	0	1	11
355			Animal Physiology and	0	114	8	1	5	0	0	9
356			Morphology and Taxonomy	0	142	1	0	0	0	2	37
		Biology total	0	839	57	4	12	0	9	224	
361			Physical Anthropology (inclu. Physiological Anthropology)	0	40	18	6	0	0	3	2
	SCIENCE Total			3	6,204	95	13	77	0	937	252
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	54	0	0	0	0	170	0
402			Surface Physics	0	46	0	0	1	0	103	0
403			Applied Optics and Quantum Optics	0	33	1	0	0	0	186	0
404			General Applied Physics	0	23	0	1	0	0	107	0
405			Fundamentals of Engineering	0	4	0	0	0	0	83	0
			Applied Physics - Fundamentals of Engineering total	0	160	1	1	1	0	649	0
411			Materials for Machines and Strength of Materials	0	2	0	0	0	0	405	0
412			Workshop Processes and Production Engineering	0	1	0	0	0	0	282	0
413			Design Engineering, Machine Elements and Tribology	0	6	1	0	0	0	176	1
414			Fluid Mechanics	0	8	0	0	0	0	361	1
415			Heat Engineering	0	2	0	0	0	0	360	0
416			Mechanics and Control Engineering	0	1	1	0	0	0	279	0
417			Intelligent Mechanics and Machine System	0	2	1	1	0	0	304	2
			Machine Engineering total	0	22	3	1	0	0	2,167	4
421				Electric Power Engineering and Electric Machinery	0	5	1	0	0	0	348
422		Electronic and Electric Materials Engineering		0	22	0	0	0	0	375	0
423		Electron Devices and Apparatus Engineering		0	22	0	0	0	0	386	0
424			Information and Communication Engineering	0	15	4	0	0	0	770	0

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of				Total
				Veterinary Science	Fisheries Science	Forestry	Others	
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	0	4	366
323			Solid-State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	0	0	0	1	411
324			Physics in General	0	0	0	2	292
325			Physics total	0	0	0	15	2,041
331			Physics of Solid Earth	0	0	0	3	198
332			Meteorology, Oceanography and Hydrology	0	4	0	2	228
333			Aeronomy	0	0	0	1	61
334			Geology	0	0	0	7	147
335			Stratigraphy and Paleontology	0	0	0	1	73
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	3	176
337			Geochemistry	0	6	0	0	119
			Earth Science total	0	10	0	17	1,002
341			Physical Chemistry	0	0	0	4	555
342			Organic Chemistry	0	0	0	2	445
343			Inorganic Chemistry	0	0	0	0	275
344			Function, Properties and Materials in Chemistry	0	0	0	2	235
345			Substance Transformation	0	0	0	0	34
346			Separation, Refining and Identification	0	0	0	2	182
			Chemistry total	0	0	0	10	1,726
351			Genetics	1	3	0	2	193
352			Ecology	2	15	0	8	351
353			Plant Physiology	0	0	0	2	222
354			Morphology, Structure of Organism	0	2	0	0	119
355			Animal Physiology and	0	2	0	0	142
356			Morphology and Taxonomy	1	11	0	3	205
			Biology total	4	33	0	15	1,232
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	4	81
			SCIENCE Total	4	43	0	93	7,895
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	1	226
402			Surface Physics	0	0	0	3	157
403			Applied Optics and Quantum Optics	0	0	0	3	228
404			General Applied Physics	0	0	0	0	132
405			Fundamentals of Engineering	0	0	0	2	92
			Applied Physics - Fundamentals of Engineering total	0	0	0	9	835
411			Materials for Machines and Strength of Materials	0	0	0	4	414
412			Workshop Processes and Production Engineering	0	0	0	1	292
413			Design Engineering, Machine Elements and Tribology	0	0	0	1	186
414			Fluid Mechanics	0	0	0	4	378
415			Heat Engineering	0	0	0	2	366
416			Mechanics and Control Engineering	0	0	0	2	284
417			Intelligent Mechanics and Machine System	0	0	0	5	318
			Machine Engineering total	0	0	0	19	2,238
421			Electric Power Engineering and Electric Machinery	0	0	0	2	358
422			Electronic and Electric Materials Engineering	0	0	0	4	403
423			Electron Devices and Apparatus Engineering	0	0	0	1	416
424			Information and Communication Engineering	0	1	0	2	803

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivision	I t e m	Doctor of								
				Philosophy	Literature	Education	Theology	Sociology	Law	Politics	Economics	Commerce
425			System Engineering	3	0	0	0	0	0	0	0	0
427			Electronic Measurements	2	0	0	0	0	0	0	0	0
428			Control Engineering	7	0	0	0	0	0	0	0	0
		Electric and Electronic Engineering	33	0	0	0	0	0	1	0	0	
431			Construction Materials and Dynamics in General Civil Engineering	2	0	0	0	0	0	0	0	0
432			Structural Engineering and Seismology	3	0	0	0	0	0	0	0	0
433			Ground Engineering	3	0	0	0	0	0	0	0	0
434			Hydraulics and River Engineering	1	0	0	0	0	0	0	0	0
435			Traffic Engineering and Regional Planning	6	0	0	0	0	0	0	0	1
436			Civil Environmental System	3	0	0	0	0	0	0	0	0
			Civil Engineering total	18	0	0	0	0	0	0	0	1
441			Building Structure and Materials	6	0	0	0	0	0	0	0	0
442			Building Science and Building Equipment	5	0	0	0	0	0	0	0	0
443			City Planning and Building Planning	34	1	0	0	1	0	0	0	0
444			Architectural History and Design	14	0	0	0	0	0	0	0	0
		Architecture total	59	1	0	0	1	0	0	0	0	
451			Physical Metallurgy	2	0	0	0	0	0	0	0	0
452			Inorganic Materials and	0	0	0	0	0	0	0	0	0
453			Composed Materials and Properties	0	0	0	0	0	0	0	0	0
454			Structural and Functional Materials	5	0	0	0	0	0	0	0	0
455			Metallurgy and Material	2	0	0	0	0	0	0	0	0
456			Metal Productive Engineering	0	0	0	0	0	0	0	0	0
			Material Engineering total	9	0	0	0	0	0	0	0	0
461			Chemical Engineering in General	1	0	0	0	0	0	0	0	0
462			Reaction and Separation Engineering	1	0	0	0	0	0	0	0	0
463			Catalyst and Chemical Process	0	0	0	0	0	0	0	0	0
464			Bioengineering	3	0	0	0	0	0	0	0	0
465			Industrial Analytical Chemistry	0	0	0	0	0	0	0	0	0
		Process Engineering total	5	0	0	0	0	0	0	0	0	
471			Industrial Physical Chemistry	4	0	0	0	0	0	0	0	0
472			Industrial Inorganic Chemistry	1	0	0	0	0	0	0	0	0
473			Industrial Organic Chemistry	3	0	0	0	0	0	0	0	0
474	Synthetic Chemistry		0	0	0	0	0	0	0	0	0	
475	Polymer Synthesis		3	0	0	0	0	0	0	0	0	
476	Polymer Structure and Property (inclu. Fiber)		5	0	0	0	0	0	0	1	0	
	Industrial Chemistry total	16	0	0	0	0	0	0	0	1		
481		Aeronautics	0	0	0	0	0	0	0	0	0	
482		Ship Engineering	0	0	0	0	0	0	0	0	0	
483		Marine Engineering	0	0	0	0	0	0	0	0	0	
484		Resource Development Engineering	0	0	0	0	0	0	0	0	0	
		Synthetic Engineering total	0	0	0	0	0	0	0	0	0	
	ENGINEERING Total			174	3	0	0	1	0	1	1	1
501	A G R I C U L T U R E		Plant Breeding	2	0	0	0	0	0	0	0	0
502			Crop Science	3	0	0	0	0	0	0	0	0
503			Horticulture and Landscape Architecture	9	0	0	0	0	0	0	0	0
504			Plant Protection	7	0	0	0	0	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0	0
			Agriculture total	21	0	0	0	0	0	0	0	0
511			Plant Fertilizer and Manure and Soil Science	1	0	0	0	0	0	0	0	0
512			Applied Microbiochemistry and Applied Biochemistry	8	0	0	0	0	0	0	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0	0	0	0	0	0
514			Food Science and Nutritional Chemistry	32	0	0	0	0	0	0	0	0

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of						
				Business Administration	Science	Medicine	Dentistry	Pharmaceutical Science	Health Science	Engineering Agriculture
425			System Engineering	1	9	1	0	0	0	168 0
427			Electronic Measurements	0	7	5	0	0	0	307 0
428			Control Engineering	0	3	2	0	1	0	265 1
			Electric and Electronic Engineering	1	83	13	0	1	0	2,619 1
431			Construction Materials and Dynamics in General Civil Engineering	0	1	0	0	0	0	141 2
432			Structural Engineering and Seismology	0	4	0	0	0	0	218 0
433			Ground Engineering	0	3	0	0	0	0	205 3
434			Hydraulics and River Engineering	0	1	0	0	0	0	215 6
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	167 2
436			Civil Environmental System	0	3	1	0	0	0	150 3
			Civil Engineering total	0	12	1	0	0	0	1,096 16
441			Building Structure and Materials	0	1	0	0	0	0	332 1
442			Building Science and Building Equipment	0	0	0	0	0	0	179 0
443			City Planning and Building Planning	0	0	0	0	0	0	362 4
444			Architectural History and Design	0	0	0	0	0	0	135 0
			Architecture total	0	1	0	0	0	0	1,008 5
451			Physical Metallurgy	0	9	0	0	0	0	141 0
452			Inorganic Materials and	0	40	0	1	0	0	236 0
453			Composed Materials and Properties	0	5	0	3	0	0	71 3
454			Structural and Functional Materials	0	9	0	0	0	0	170 4
455			Metallurgy and Material	0	5	0	0	0	0	218 0
456			Metal Productive Engineering	0	0	0	0	0	0	103 0
			Material Engineering total	0	68	0	4	0	0	939 7
461			Chemical Engineering in General	0	1	0	0	0	0	178 0
462			Reaction and Separation Engineering	0	2	0	0	0	0	104 2
463			Catalyst and Chemical Process	0	13	1	0	0	0	89 1
464			Bioengineering	0	5	3	0	5	0	141 25
465			Industrial Analytical Chemistry	0	11	1	0	1	0	72 0
			Process Engineering total	0	32	5	0	6	0	584 28
471			Industrial Physical Chemistry	0	29	0	0	1	0	155 1
472			Industrial Inorganic Chemistry	0	6	0	0	0	0	70 0
473			Industrial Organic Chemistry	0	6	0	0	1	0	82 0
474			Synthetic Chemistry	0	34	0	0	5	0	171 0
475			Polymer Synthesis	0	20	0	0	0	0	156 2
476			Polymer Structure and Property (inclu. Fiber)	0	37	0	1	0	0	160 5
			Industrial Chemistry total	0	132	0	1	7	0	794 8
481			Aeronautics	0	4	0	0	1	0	104 0
482			Ship Engineering	0	0	0	0	0	0	54 0
483			Marine Engineering	0	2	0	0	0	0	30 0
484			Resource Development Engineering	0	7	0	0	0	0	77 0
			Synthetic Engineering total	0	13	0	0	1	0	265 0
			ENGINEERING Total	1	523	23	7	16	0	10,121 69
501	C U L T U		Plant Breeding	0	2	0	0	0	0	0 96
502			Crop Science	0	1	0	0	0	0	1 82
503			Horticulture and Landscape Architecture	0	4	1	0	0	1	3 203
504			Plant Protection	0	4	3	0	0	0	0 136
505			Sericultural Science and Economic Entomology	0	2	0	0	1	0	3 40
			Agriculture total	0	13	4	0	1	1	7 557
511			Plant Fertilizer and Manure and Soil Science	0	1	1	0	0	0	1 125
512			Applied Microbiochemistry and Applied Biochemistry	0	28	7	0	10	2	42 310
513			Biological Productive Chemistry and Bioorganic Chemistry	0	18	1	0	3	0	3 103
514			Food Science and Nutritional Chemistry	0	6	41	2	7	3	16 315

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of				Total
				Veterinary Science	Fisheries Science	Forestry	Others	
425			System Engineering	0	0	0	2	184
427			Electronic Measurements	0	0	0	2	323
428			Control Engineering	0	0	0	3	282
			Electric and Electronic Engineering	0	1	0	16	2,769
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	5	151
432			Structural Engineering and Seismology	0	0	0	2	227
433			Ground Engineering	0	0	0	4	218
434			Hydraulics and River Engineering	0	0	0	5	228
435			Traffic Engineering and Regional Planning	0	0	0	2	178
436			Civil Environmental System	0	0	0	2	162
			Civil Engineering total	0	0	0	20	1,164
441			Building Structure and Materials	0	0	0	4	344
442			Building Science and Building Equipment	0	0	0	1	185
443			City Planning and Building Planning	0	0	0	11	413
444			Architectural History and Design	0	0	0	3	152
			Architecture total	0	0	0	19	1,094
451			Physical Metallurgy	0	0	0	3	155
452			Inorganic Materials and	0	0	0	0	277
453			Composed Materials and Properties	0	0	0	0	82
454			Structural and Functional Materials	0	0	0	4	192
455			Metallurgy and Material	0	0	0	1	226
456			Metal Productive Engineering	0	0	0	0	103
			Material Engineering total	0	0	0	8	1,035
461			Chemical Engineering in General	0	0	0	2	182
462			Reaction and Separation Engineering	0	3	0	1	113
463			Catalyst and Chemical Process	0	0	0	1	105
464			Bioengineering	0	0	0	2	184
465			Industrial Analytical Chemistry	0	0	0	0	85
			Process Engineering total	0	3	0	6	669
471			Industrial Physical Chemistry	0	0	0	1	191
472			Industrial Inorganic Chemistry	0	0	0	0	77
473			Industrial Organic Chemistry	0	0	0	0	92
474			Synthetic Chemistry	0	0	0	2	212
475			Polymer Synthesis	0	0	0	0	181
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0	209
			Industrial Chemistry total	0	0	0	3	962
481			Aeronautics	0	0	0	1	110
482			Ship Engineering	0	3	0	1	58
483			Marine Engineering	0	1	0	1	34
484			Resource Development Engineering	0	0	0	0	84
			Synthetic Engineering total	0	4	0	3	286
			ENGINEERING Total	0	8	0	103	11,052
501	I C U L T U		Plant Breeding	0	0	0	1	101
502			Crop Science	0	0	0	0	87
503			Horticulture and Landscape Architecture	0	0	0	5	226
504			Plant Protection	0	0	0	3	153
505			Sericultural Science and Economic Entomology	0	0	0	1	47
			Agriculture total	0	0	0	10	614
511			Plant Fertilizer and Manure and Soil Science	0	0	0	0	129
512			Applied Microbiochemistry and Applied Biochemistry	0	0	0	1	408
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	1	129
514			Food Science and Nutritional Chemistry	1	3	1	17	444

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivision	I t e m	Doctor of									
				Philosophy	Literature	Education	Theology	Sociology	Law	Politics	Economics	Commerce	
			Agricultural Chemistry total	41	0	0	0	0	0	0	0	0	
521			Forestry	2	0	0	0	0	0	0	0	0	
522			Wood Science	1	0	0	0	0	0	0	0	0	
			Forestry total	3	0	0	0	0	0	0	0	0	
531			Fisheries in General	2	0	0	0	0	0	0	0	0	
532			Fisheries Chemistry	3	0	0	0	0	0	0	0	0	
			Fisheries total	5	0	0	0	0	0	0	0	0	
541			Agricultural Economics	3	1	1	0	0	0	0	5	0	
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	5	0	0	0	0	0	0	0	0	
552			Agricultural Machinery	1	0	0	0	0	0	0	0	0	
553			Biological Environment	2	0	0	0	0	0	0	0	0	
			Agricultural Engineering total	8	0	0	0	0	0	0	0	0	
561			Animal Science and Grassland Science	3	0	0	0	0	0	0	0	0	
562			Applied Animal Science	4	0	0	0	0	0	0	0	0	
563			Basic Veterinary Medicine and Basic Animal Science	1	0	0	0	0	0	0	0	0	
564			Applied Veterinary Medicine	0	0	0	0	0	0	0	0	0	
			Animal Science-Veterinary Medicine total	8	0	0	0	0	0	0	0	0	
571			Biological Resource Science	4	0	0	0	0	0	0	0	0	
572			Applied Molecular Cell Biology	2	0	0	0	0	0	0	0	0	
			Interdisciplinary Agricultural Science total	6	0	0	0	0	0	0	0	0	
			AGRICULTURE Total	95	1	1	0	0	0	0	5	0	
601		M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	4	0	0	0	0	0	0	0	0
602				Physiology in General	7	0	0	0	0	0	0	0	0
603				Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	7	0	4	0	0	0	0	0	0
604				Pharmacology in General	5	1	0	0	0	0	0	0	0
605			Medical Chemistry in General	0	1	0	0	0	0	0	0	0	
606			Pathological Medical Chemistry	0	0	0	0	0	0	0	0	0	
			Physiology total	23	2	4	0	0	0	0	0	0	
611			Hominal Pathology	0	0	0	0	0	0	0	0	0	
612			Experimental Pathology	0	0	0	0	0	0	0	0	0	
613			Parasitology (inclu. Medical Zoology)	2	0	0	0	0	0	0	0	0	
614			Bacteriology (inclu. Eumycetes)	4	0	0	0	0	0	0	0	0	
615			Virology	1	0	0	0	0	0	0	0	0	
616			Immunology	2	0	0	0	0	0	0	0	0	
			Pathology total	9	0	0	0	0	0	0	0	0	
621			Hygiene	4	0	0	0	0	0	0	0	0	
622			Public Health and Health Science	7	0	6	0	2	0	0	0	0	
623			Legal Medicine	1	1	0	0	0	0	0	0	0	
			Social Medicine total	12	1	6	0	2	0	0	0	0	
631			Internal Medicine in General	0	0	0	0	0	0	0	0	0	
632			Gastroenterology	0	0	0	0	0	0	0	0	0	
633			Internal Medicine Respiratory System	0	0	0	0	0	0	0	0	0	
634			Neurological Medicine	0	0	0	0	0	0	0	0	0	
635			Cardioangiology	0	0	0	0	0	0	0	0	0	
636			Pediatrics	2	0	0	0	0	0	0	0	0	
637			Dermatology	0	0	0	0	0	0	0	0	0	
638		Radiology	4	0	0	0	0	0	0	0	0		
639		Neuropsychiatry	0	0	0	0	0	0	0	0	0		
641		Hematology	1	0	0	0	0	0	0	0	0		
642		Internal Medicine of Kidney	0	0	0	0	0	0	0	0	0		
643		Embryology and Newborn	0	0	0	0	0	0	0	0	0		
644		Endocrinology	0	0	0	0	0	0	0	0	0		
645		Metabolic Science	1	0	0	0	0	0	0	0	0		
		Internal Medicine total	8	0	0	0	0	0	0	0	0		
651			Surgery in General	2	0	0	0	0	0	0	0	0	
652			Gastroenterological Surgery	0	0	1	0	0	0	0	0	0	
653			Thoracic Surgerv	0	0	0	0	0	0	0	0	0	

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of						
				Business Administration	Science	Medicine	Dentistry	Pharmaceutical Science	Health Science	Engineering Agriculture
			Agricultural Chemistry total	0	53	50	2	20	5	62 853
521			Forestry	0	6	0	0	0	0	1 223
522			Wood Science	0	4	0	0	0	0	3 123
			Forestry total	0	10	0	0	0	0	4 346
531			Fisheries in General	0	5	2	0	2	0	3 147
532			Fisheries Chemistry	0	2	2	0	2	1	1 65
			Fisheries total	0	7	4	0	4	1	4 212
541			Agricultural Economics	1	1	0	0	0	0	0 204
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	0	0	0	5 127
552			Agricultural Machinery	0	0	0	0	0	0	4 89
553			Biological Environment	0	3	0	0	0	0	5 47
			Agricultural Engineering total	0	3	0	0	0	0	14 263
561			Animal Science and Grassland Science	0	1	0	0	0	0	1 107
562			Applied Animal Science	0	1	5	0	0	0	0 96
563			Basic Veterinary Medicine and Basic Animal Science	0	4	19	1	0	0	1 90
564			Applied Veterinary Medicine	0	3	11	1	0	0	0 40
			Animal Science-Veterinary Medicine total	0	9	35	2	0	0	2 333
571			Biological Resource Science	0	6	0	0	2	0	0 48
572			Applied Molecular Cell Biology	0	1	2	0	0	0	3 42
			Interdisciplinary Agricultural Science total	0	7	2	0	2	0	3 90
			AGRICULTURE Total	1	103	95	4	27	7	96 2,858
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	0	15	243	20	6	1	2 7
602			Physiology in General	0	33	273	16	8	0	6 3
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	3	142	0	5	15	4 9
604			Pharmacology in General	0	4	174	12	57	1	1 2
605			Medical Chemistry in General	0	16	211	4	8	1	3 4
606			Pathological Medical Chemistry	0	9	87	2	9	2	0 1
			Physiology total	0	80	1,130	54	93	20	16 26
611			Hominal Pathology	0	3	384	10	0	0	0 1
612			Experimental Pathology	0	4	164	2	1	1	0 5
613			Parasitology (inclu. Medical Zoology)	0	14	110	0	4	2	1 6
614			Bacteriology (inclu. Eumycetes)	0	15	156	10	31	4	2 8
615			Virology	0	17	133	0	9	1	1 11
616			Immunology	0	25	227	6	11	3	1 12
			Pathology total	0	78	1,174	28	56	11	5 43
621			Hygiene	0	6	166	1	10	6	5 4
622			Public Health and Health Science	1	9	403	4	12	58	12 4
623			Legal Medicine	0	3	152	6	4	0	0 1
			Social Medicine total	1	18	721	11	26	64	17 9
631			Internal Medicine in General	0	0	384	0	2	1	0 0
632			Gastroenterology	0	1	454	0	0	0	0 0
633			Internal Medicine Respiratory System	0	0	224	0	0	0	0 0
634			Neurological Medicine	0	1	295	0	0	1	0 0
635			Cardioangiography	0	0	511	0	2	0	2 0
636			Pediatrics	0	0	466	0	0	0	0 0
637			Dermatology	0	0	217	0	2	0	0 1
638			Radiology	0	6	463	1	7	1	13 0
639			Neuropsychiatry	0	1	393	0	0	1	1 1
641			Hematology	0	2	318	1	1	0	0 0
642			Internal Medicine of Kidney	0	0	196	0	0	0	0 0
643			Embryology and Newborn	0	0	37	0	0	0	0 0
644			Endocrinology	0	6	166	1	1	0	0 0
645			Metabolic Science	0	3	173	3	1	0	0 0
			Internal Medicine total	0	20	4,297	6	16	4	16 2
651			Surgery in General	0	1	394	3	0	0	0 0
652			Gastroenterological Surgery	0	0	418	0	0	0	1 0
653			Thoracic Surgery	0	0	314	0	0	0	0 0

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of				Total
				Veterinary Science	Fisheries Science	Forestry	Others	
			Agricultural Chemistry total	1	3	1	19	1,110
521			Forestry	0	0	1	1	234
522			Wood Science	0	0	1	1	133
			Forestry total	0	0	2	2	367
531			Fisheries in General	1	73	0	1	236
532			Fisheries Chemistry	0	25	0	2	103
			Fisheries total	1	98	0	3	339
541			Agricultural Economics	0	2	0	5	223
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	1	138
552			Agricultural Machinery	0	0	0	0	94
553			Biological Environment	0	0	0	0	57
			Agricultural Engineering total	0	0	0	1	289
561			Animal Science and Grassland Science	3	0	0	2	117
562			Applied Animal Science	9	0	0	0	115
563			Basic Veterinary Medicine and Basic Animal Science	87	0	0	2	205
564			Applied Veterinary Medicine	121	1	0	1	178
			Animal Science·Veterinary Medicine total	220	1	0	5	615
571			Biological Resource Science	1	0	0	3	64
572			Applied Molecular Cell Biology	1	0	0	2	53
			Interdisciplinary Agricultural Science total	2	0	0	5	117
			AGRICULTURE Total	224	104	3	50	3,674
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	3	1	0	2	304
602			Physiology in General	4	0	0	4	354
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	0	0	5	195
604			Pharmacology in General	3	0	0	2	262
605			Medical Chemistry in General	0	0	0	4	252
606			Pathological Medical Chemistry	0	0	0	5	115
			Physiology total	11	1	0	22	1,482
611			Hominal Pathology	0	0	0	4	402
612			Experimental Pathology	5	0	0	2	184
613			Parasitology (inclu. Medical Zoology)	10	0	0	0	149
614			Bacteriology (inclu. Eumycetes)	4	0	0	0	234
615			Virology	4	1	0	1	179
616			Immunology	3	0	0	2	292
			Pathology total	26	1	0	9	1,440
621			Hygiene	2	0	0	3	207
622			Public Health and Health Science	4	0	0	10	532
623			Legal Medicine	0	0	0	0	168
			Social Medicine total	6	0	0	13	907
631			Internal Medicine in General	1	0	0	4	392
632			Gastroenterology	0	0	0	6	461
633			Internal Medicine Respiratory System	0	0	0	4	228
634			Neurological Medicine	0	0	0	2	299
635			Cardioangiolog	1	0	0	9	525
636			Pediatrics	0	0	0	4	472
637			Dermatology	0	0	0	1	221
638			Radiology	0	0	0	2	497
639			Neuropsychiatry	0	0	0	2	399
641			Hematology	0	0	0	1	324
642			Internal Medicine of Kidney	0	0	0	2	198
643			Embryology and Newborn	0	0	0	0	37
644			Endocrinology	0	0	0	1	175
645			Metabolic Science	0	0	0	4	185
			Internal Medicine total	2	0	0	42	4,413
651			Surgery in General	1	0	0	2	403
652			Gastroenterological Surgery	0	0	0	5	425
653			Thoracic Surgery	0	0	0	2	316

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivision	I t e m	Doctor of									
				Philosophy	Literature	Education	Theology	Sociology	Law	Politics	Economics	Commerce	
654			Neurosurgery	0	0	0	0	0	0	0	0	0	
655		Orthopedic Surgery	2	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	4	0	1	0	0	0	0	0	0	0	
671			Oral Anatomy and Morphological Basic Dentistry	3	0	0	0	0	0	0	0	0	0
672			Functional Basic Dentistry	1	0	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	1	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	1	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	6	0	0	0	0	0	0	0	0	0	0
681			Chemical Pharmaceutics	1	0	0	0	0	0	0	0	0	0
682		Physical Pharmaceutics	1	0	0	0	0	0	0	0	0	0	
683		Biopharmaceutics	1	0	0	0	0	0	0	0	0	0	
684		Molecular Pharmaceutics	1	0	0	0	0	0	0	0	0	0	
685		Environmental Pharmaceutics	0	0	0	0	0	0	0	0	0	0	
	Pharmaceutics total	4	0	0	0	0	0	0	0	0	0	0	
691		Medical Sociology	0	2	0	0	0	1	0	2	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	8	1	3	0	2	2	0	0	0	0	
697		Science of Clinical Nursing	7	0	3	0	0	0	0	0	0	0	
	Medicine in General total	15	3	6	0	2	3	0	2	0	0	0	
	MEDICINE Total	81	6	17	0	4	3	0	2	0	0	0	
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)	8	4	0	0	0	0	1	1	2	
703			Physical Education	45	2	44	0	1	0	0	0	0	0
704			Human Geography	11	57	0	0	1	0	0	1	0	0
705			Physical Geography	4	5	0	0	0	0	0	0	0	0
		Geography total	15	62	0	0	1	0	0	1	0	0	0
706			Home Science(inclu. Cloth/Living Environments)	71	2	2	0	0	0	0	2	1	0
707			Food Culture	51	0	1	0	0	0	0	0	0	0
		Domestic Science total	122	2	3	0	0	0	0	2	1	0	0
708			Science of Cultural Property	0	1	0	0	0	0	0	0	0	0
711			Science Education	2	0	26	0	0	0	0	0	0	0
712			Educational Engineering	13	2	7	0	0	0	0	0	0	0
713			Curriculum Studies	19	8	52	0	0	0	0	1	0	0
714			Japanese Language Education	10	9	5	0	0	0	0	0	0	0
		Science Education·Curriculum Education total	44	19	90	0	0	0	0	1	0	0	0
721			Statistics	14	1	1	0	0	0	0	1	0	0
731			Computer Science	10	0	0	0	0	0	0	0	0	0
732			Intelligent Informatics	11	4	1	0	0	0	0	0	0	0
733			Study of Information System (Inclu. Library and Information Science)	13	2	2	0	1	2	0	4	0	0
		Information Science total	34	6	3	0	1	2	0	4	0	0	0
741		Social System Engineering	8	3	0	0	0	0	0	6	1	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	
772		Nuclear Fusion	1	0	0	0	0	0	0	0	0	0	

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of						
				Business Administration	Science	Medicine	Dentistry	Pharmaceutical Science	Health Science	Engineering Agriculture
654			Neurosurgery	0	0	328	0	0	0	0
655			Orthopedic Surgery	0	0	469	1	0	1	4
656			Anesthesiology and Rescue Medicine	0	0	384	11	1	0	1
657			Urology	0	0	272	0	0	0	0
658			Obstetrics and Gynecology	0	0	373	0	2	0	0
659			Oto-rhino-laryngology	0	0	268	1	0	0	0
660			Ophthalmology	0	2	265	0	1	0	1
661			Pediatric Surgery	0	0	73	0	0	0	0
662			Formative Surgery	0	0	67	0	0	0	0
			Surgery total	0	3	3,625	16	4	1	7
671			Oral Anatomy and Morphological Basic Dentistry	0	5	29	192	4	0	0
672			Functional Basic Dentistry	0	13	18	137	14	0	3
673			Morbid Dentistry (inclu. Dental Radiology)	0	1	10	166	0	0	0
674			Conservative Dentistry	0	0	4	299	0	0	1
675			Prosthodontics and Dental Technology	0	1	1	377	1	0	12
676			Oral Surgery	0	0	118	378	0	0	0
677			Orthodontics, Pedodontics and Social Dentistry	0	0	9	391	1	0	0
678			Periodontological Dentistry	0	0	0	95	0	0	0
			Dentistry total	0	20	189	2,035	20	0	16
681			Chemical Pharmaceutics	0	20	2	1	386	0	5
682			Physical Pharmaceutics	0	14	4	0	157	0	7
683			Biopharmaceutics	0	13	48	1	393	0	3
684			Molecular Pharmaceutics	0	6	11	0	80	0	5
685			Environmental Pharmaceutics	0	0	3	0	58	1	0
			Pharmaceutics total	0	53	68	2	1,074	1	20
691			Medical Sociology	0	1	82	7	9	6	2
692			Human Genetics	0	7	62	0	2	3	0
693			Applied Pharmacology and Medical Pharmacology	0	0	50	0	109	0	0
694			Pathological Examination	0	8	129	2	7	1	0
696			Science of Basic and Local Nursing	0	0	82	0	1	19	2
697			Science of Clinical Nursing	0	0	118	0	0	15	1
			Medicine in General total	0	16	523	9	128	44	5
			MEDICINE Total	1	288	11,727	2,161	1,417	145	102
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	22	3	0	0	0	10
703			Physical Education	0	7	143	2	0	40	9
704			Human Geography	0	70	0	0	1	0	0
705			Physical Geography	0	74	1	0	0	0	1
			Geography total	0	144	1	0	1	0	1
706			Home Science(inclu. Cloth/Living Environments)	0	8	23	0	2	0	53
707			Food Culture	0	7	56	1	7	8	0
			Domestic Science total	0	15	79	1	9	8	53
708			Science of Cultural Property	0	7	0	0	1	0	4
711			Science Education	0	60	7	1	1	0	24
712			Educational Engineering	1	20	2	1	2	0	72
713			Curriculum Studies	0	14	8	0	0	0	6
714			Japanese Language Education	0	0	0	0	0	0	3
			Science Education·Curriculum Education total	1	94	17	2	3	0	105
721	AREA		Statistics	2	35	7	0	1	0	45
731			Computer Science	0	123	1	2	1	0	514
732			Intelligent Informatics	0	41	3	1	1	1	469
733			Study of Information System (Inclu. Library and Information Science)	3	32	17	3	4	1	157
			Information Science total	3	196	21	6	6	2	1,140
741			Social System Engineering	5	15	1	0	0	0	211
751			Natural Disaster Science	0	13	0	0	0	0	25
761			Plasma Science and Technology	0	67	0	0	0	0	118
772			Nuclear Fusion	0	15	0	0	0	0	55

Table 10. Doctorate Degrees by Field of Specialization

Code	Subject	Subdivision	Item	Doctor of				Total
				Veterinary Science	Fisheries Science	Forestry	Others	
654			Neurosurgery	0	0	0	4	332
655			Orthopedic Surgery	0	0	0	8	485
656			Anesthesiology and Rescue Medicine	0	0	0	1	398
657			Urology	0	1	0	6	279
658			Obstetrics and Gynecology	0	0	0	2	377
659			Oto-rhino-laryngology	0	0	0	3	272
660			Ophthalmology	0	0	0	2	272
661			Pediatric Surgery	0	0	0	1	74
662			Formative Surgery	0	0	0	1	68
			Surgery total	1	1	0	37	3,701
671			Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	237
672			Functional Basic Dentistry	0	0	0	2	190
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0	179
674			Conservative Dentistry	0	0	0	0	304
675			Prosthodontics and Dental Technology	0	0	0	2	395
676			Oral Surgery	0	0	0	1	497
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	3	404
678			Periodontological Dentistry	0	0	0	1	96
			Dentistry total	0	0	0	9	2,302
681			Chemical Pharmaceutics	0	0	0	1	416
682			Physical Pharmaceutics	0	0	0	1	185
683			Biopharmaceutics	0	0	0	1	471
684			Molecular Pharmaceutics	0	0	0	2	108
685			Environmental Pharmaceutics	0	0	0	0	63
			Pharmaceutics total	0	0	0	5	1,243
691			Medical Sociology	0	0	0	2	114
692			Human Genetics	0	0	0	1	75
693			Applied Pharmacology and Medical Pharmacology	0	1	0	0	160
694			Pathological Examination	0	0	0	0	148
696			Science of Basic and Local Nursing	0	1	0	6	127
697			Science of Clinical Nursing	0	0	0	8	152
			Medicine in General total	0	2	0	17	776
			MEDICINE Total	46	5	0	154	16,264
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	8	61
703			Physical Education	0	0	0	8	301
704			Human Geography	0	0	0	16	158
705			Physical Geography	0	0	0	7	96
			Geography total	0	0	0	23	254
706			Home Science(inclu. Cloth/Living Environments)	0	0	0	15	199
707			Food Culture	1	0	0	13	196
			Domestic Science total	1	0	0	28	395
708			Science of Cultural Property	0	0	0	2	15
711			Science Education	0	1	0	4	129
712			Educational Engineering	0	0	0	5	126
713			Curriculum Studies	0	0	0	17	132
714			Japanese Language Education	0	0	0	6	33
			Science Education·Curriculum Education total	0	1	0	32	420
721			Statistics	0	0	0	4	112
731			Computer Science	0	0	0	7	659
732			Intelligent Informatics	0	0	0	7	539
733			Study of Information System (Inclu. Library and Information Science)	0	0	0	7	253
			Information Science total	0	0	0	21	1,451
741			Social System Engineering	0	0	0	9	263
751			Natural Disaster Science	0	0	0	0	43
761			Plasma Science and Technology	0	0	0	1	187
772			Nuclear Fusion	0	0	0	0	71

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Doctor of								
				Philosophy	Literature	Education	Theology	Sociology	Law	Politics	Economics	Commerce
773			Energy Science General	1	0	0	0	0	0	0	0	0
774			Nuclear Power Science	1	0	0	0	0	0	0	0	0
		Energy total	3	0	0	0	0	0	0	0	0	0
801			Environmental Dynamic Analysis	9	1	0	0	0	0	0	0	0
802			Environmental Influence Assessment (inclu. Radiobiology)	7	0	0	0	0	0	0	0	0
803			Environmental Preservation	18	1	0	0	0	1	0	4	0
		Environmental Science total	34	2	0	0	0	1	0	4	0	0
811			Biological Organic Chemistry	4	0	0	0	0	0	0	0	0
812			Structured Biochemistry	3	0	0	0	0	0	0	0	0
813			Functional Biochemistry	4	0	0	0	0	0	0	0	0
		Biological Chemistry total	11	0	0	0	0	0	0	0	0	0
821			Biophysics	3	0	0	0	0	0	0	0	0
822			Molecular Biology	16	0	0	0	0	0	0	0	0
823			Cell Biology	9	0	0	0	0	0	0	0	0
824			Developmental Biology	2	0	0	0	0	0	0	0	0
		Basic Biology total	30	0	0	0	0	0	0	0	0	0
831			Neuroanatomy and Neuropathology	0	0	0	0	0	0	0	0	0
832			Neurochemistry and Neuropharmacology	2	0	1	0	0	0	0	0	0
833			Neuro Science in General	6	2	2	0	0	0	0	0	0
834			Neuro and Muscular Physiology	9	0	3	0	0	0	0	0	0
		Neuro Science (inclu. Brain Science) total	17	2	6	0	0	0	0	0	0	0
841			Laboratory Animal Science	1	0	0	0	0	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	6	0	0	0	0	0	0	0	0
		INTERDISCIPLINARY AREA Total			392	104	147	0	3	3	1	20
999	WIDE AREA Total			55	35	8	5	6	15	4	16	2
	Item n.a. Total			572	959	257	9	87	229	37	429	91
	Grand Total			2,119	3,229	986	84	312	899	142	1,591	339

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Doctor of							
				Business Administration	Science	Medicine	Dentistry	Pharmaceutical Science	Health Science	Engineering	Agriculture
773			Energy Science General	0	13	1	0	0	0	72	2
774			Nuclear Power Science	0	13	4	0	0	0	129	1
			Energy total	0	41	5	0	0	0	256	3
801			Environmental Dynamic Analysis	0	61	3	0	4	0	45	27
802			Environmental Influence Assessment (inclu. Radiobiology)	1	40	43	2	9	0	29	22
803			Environmental Preservation	0	32	8	0	3	0	111	52
			Environmental Science total	1	133	54	2	16	0	185	101
811			Biological Organic Chemistry	0	85	4	0	31	0	42	15
812			Structured Biochemistry	0	84	20	0	17	1	13	22
813			Functional Biochemistry	0	108	54	4	35	1	16	27
			Biological Chemistry total	0	277	78	4	83	2	71	64
821			Biophysics	0	143	11	0	9	0	37	5
822			Molecular Biology	0	196	168	11	52	5	27	47
823			Cell Biology	0	134	117	11	30	2	7	20
824			Developmental Biology	0	131	30	2	3	0	0	8
			Basic Biology total	0	604	326	24	94	7	71	80
831			Neuroanatomy and Neuropathology	0	12	121	5	1	0	1	0
832			Neurochemistry and Neuropharmacology	0	23	76	2	24	1	1	2
833			Neuro Science in General	0	51	151	3	8	2	30	6
834			Neuro and Muscular Physiology	0	16	142	5	6	1	9	3
			Neuro Science (inclu. Brain Science) total	0	102	490	15	39	4	41	11
841			Laboratory Animal Science	0	2	26	1	3	1	1	15
851			Medical Organism Engineering and Material Science of Organism	0	16	72	11	0	1	226	0
			INTERDISCIPLINARY AREA Total	13	1,790	1,323	68	256	65	2,572	379
999			WIDE AREA Total	7	93	139	7	8	5	217	44
			Item n.a. Total	94	4,429	5,394	1,148	909	82	6,357	1,602
			Grand Total	338	13,491	18,929	3,413	2,710	322	20,538	5,388

Table 10. Doctorate Degrees by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Doctor of				Total
				Veterinar y Science	Fisheries Science	Forestry	Others	
773			Energy Science General	0	0	0	2	91
774			Nuclear Power Science	0	0	0	3	151
			Energy total	0	0	0	5	313
801			Environmental Dynamic Analysis	0	2	0	1	153
802			Environmental Influence Assessment (inclu. Radiobiology)	2	2	0	4	161
803			Environmental Preservation	1	4	0	6	241
			Environmental Science total	3	8	0	11	555
811			Biological Organic Chemistry	1	0	0	1	183
812			Structured Biochemistry	0	0	0	3	163
813			Functional Biochemistry	0	0	0	4	253
			Biological Chemistry total	1	0	0	8	599
821			Biophysics	0	0	0	2	210
822			Molecular Biology	0	0	0	5	527
823			Cell Biology	3	0	0	3	336
824			Developmental Biology	1	0	0	2	179
			Basic Biology total	4	0	0	12	1,252
831			Neuroanatomy and Neuropathology	2	0	0	0	142
832			Neurochemistry and Neuropharmacology	1	0	0	1	134
833			Neuro Science in General	0	0	0	10	271
834			Neuro and Muscular Physiology	0	0	0	2	196
			Neuro Science (inclu. Brain Science) total	3	0	0	13	743
841			Laboratory Animal Science	26	0	0	1	77
851			Medical Organism Engineering and Material Science of Organism	0	0	0	4	336
			INTERDISCIPLINARY AREA Total	38	9	0	190	7,377
999			WIDE AREA Total	1	2	0	54	723
			Item n.a. Total	185	94	1	730	23,695
			Grand Total	498	267	4	2,329	77,928

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes
211	ARTS • HUMANITIES		Philosophy	149	7	3	0	0
212			Chinese Philosophy	37	2	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	99	7	3	1	0
214			Religion	117	12	1	0	0
215			Ethics	36	0	0	0	0
216			History of Philosophy	68	4	1	0	0
217			Aesthetics (inclu. Arts)	95	5	0	1	1
218			Art History	49	3	0	0	2
			Philosophy total	650	40	8	2	3
221			Experimental Psychology	299	7	0	2	1
222			Educational and Social	523	33	0	2	1
223			Sociology	344	25	0	3	1
224			Education	334	30	0	5	4
225			Cultural Anthropology (inclu. Ethnology and Folklore)	181	10	0	13	0
			Psychology • Sociology • Education Cultural Anthropology total	1,681	105	0	25	7
231			Japanese History	269	13	3	4	0
232			Oriental History	117	2	1	0	0
233			European History	138	2	1	0	0
234			Archaeology (inclu. Prehistory)	54	2	0	3	0
			History total	578	19	5	7	0
241			Japanese Language	74	4	0	0	1
242			Japanese Literature	184	17	5	2	0
243			Chinese Language and Literature	65	0	0	0	0
244			English Language and Literature	237	17	1	0	0
245			French Language and Literature	113	2	0	0	0
246			German Language and Literature	49	0	1	0	0
247			Other Foreign Languages and Literatures	59	1	1	0	0
248			Linguistics and Phonetics	264	11	1	2	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	73	3	0	0	0
			Literature total	1,118	55	9	4	1
			ARTS • HUMANITIES Total	4,027	219	22	38	11
261	LAW		Basic Science of Law	87	4	0	0	0
262			Public Law	105	2	0	0	0
263			International Law	51	0	1	0	0
264			Civil Law	144	1	0	1	0
265			Social Law	32	1	0	0	0
266			Criminal Law	45	2	0	0	0
267			Politics	317	1	0	0	0
			LAW Total	781	11	1	1	0
271	ECONOMICS		General Theory of Economics	391	8	1	0	0
272			Economical Statistics	94	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	354	7	1	1	0
274			Economic History	181	4	0	1	0
275			Public Finance, Money and Banking	158	5	0	0	0
276			Commercial Science	105	3	0	0	0
277			Business Administration	339	13	0	0	0
278			Accounting	167	3	0	0	0
			ECONOMICS Total	1,789	43	2	2	0
301	SCIENCE		Algebra	335	3	22	0	0
302			Geometry	288	1	21	0	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	407	6	16	6	0
305			Basic Analysis	313	5	12	0	0
306			Larger-area Analysis	152	1	3	0	0
			Mathematics total	1,495	16	74	6	0
311			Astronomy	127	2	3	38	2
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	567	23	14	67	1

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Private Scientific Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	0	159
212			Chinese Philosophy	0	39
213			Indian Philosophy (inclu. Buddhist Studies)	4	114
214			Religion	0	130
215			Ethics	0	36
216			History of Philosophy	0	73
217			Aesthetics (inclu. Arts)	0	102
218			Art History	0	54
			Philosophy total	4	707
221			Experimental Psychology	1	310
222			Educational and Social	0	559
223			Sociology	2	375
224			Education	0	373
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	204
		Psychology•Sociology•Education Cultural Anthropology total		3	1,821
231			Japanese History	2	291
232			Oriental History	1	121
233			European History	0	141
234			Archaeology (inclu. Prehistory)	1	60
		History total		4	613
241			Japanese Language	0	79
242			Japanese Literature	0	208
243			Chinese Language and Literature	0	65
244			English Language and Literature	0	255
245			French Language and Literature	0	115
246			German Language and Literature	0	50
247			Other Foreign Languages and Literatures	0	61
248			Linguistics and Phonetics	1	279
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	76
		Literature total		1	1,188
		ARTS•HUMANITIES Total			12
261	LAW		Basic Science of Law	0	91
262			Public Law	0	107
263			International Law	0	52
264			Civil Law	3	149
265			Social Law	1	34
266			Criminal Law	0	47
267			Politics	0	318
	LAW Total		4	798	
271	ECONOMICS		General Theory of Economics	0	400
272			Economical Statistics	0	94
273			Economic Policy (inclu. Economic Condition)	2	365
274			Economic History	0	186
275			Public Finance, Money and Banking	0	163
276			Commercial Science	0	108
277			Business Administration	0	352
278			Accounting	0	170
	ECONOMICS Total			2	1,838
301	SCIENCE		Algebra	0	360
302			Geometry	0	310
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	435
305			Basic Analysis	1	331
306			Larger-area Analysis	0	156
		Mathematics total		1	1,592
311		Astronomy		0	172
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	672

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	328	4	16	6	0
323			Solid-State Physics II (Magnetism, Metal Physics,	376	5	16	5	0
324			Physical Properties in General (inclu. Basic Theories)	258	9	14	10	0
325			Physics in General	243	5	10	20	0
			Physics total	1,772	46	70	108	1
331			Physics of Solid Earth	180	2	0	13	0
332			Meteorology, Oceanography and Hydrology	205	1	7	11	0
333			Aeronomy	53	1	0	7	0
334			Geology	138	0	0	0	2
335			Stratigraphy and Paleontology	65	1	0	1	3
336			Mineralogy, Petrology and Study of Mineral Deposit	167	1	0	2	1
337			Geochemistry	113	0	2	2	0
			Earth Science total	921	6	9	36	6
341			Physical Chemistry	484	9	18	32	1
342			Organic Chemistry	401	3	18	7	0
343			Inorganic Chemistry	249	5	10	5	1
344			Function, Properties and Materials in Chemistry	213	3	8	5	0
345			Substance Transformation	32	0	1	0	0
346			Separation, Refining and Identification	160	7	7	3	0
			Chemistry total	1,539	27	62	52	2
351			Genetics	162	5	0	18	1
352			Ecology	320	13	0	7	0
353			Plant Physiology	204	4	1	8	0
354			Morphology, Structure of Organism	101	4	0	6	2
355			Animal Physiology and	129	4	0	2	0
356			Morphology and Taxonomy	173	1	1	2	22
			Biology total	1,089	31	2	43	25
361			Physical Anthropology (inclu. Physiological Anthropology)	73	3	0	1	0
	SCIENCE Total			7,016	131	220	284	36
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	207	1	10	1	0
402			Surface Physics	134	1	8	1	0
403			Applied Optics and Quantum Optics	199	4	16	3	0
404			General Applied Physics	106	6	10	6	0
405			Fundamentals of Engineering	77	2	9	2	0
			Applied Physics·Fundamentals of Engineering total	723	14	53	13	0
411			Materials for Machines and Strength of Materials	354	4	47	2	0
412			Workshop Processes and Production Engineering	240	2	33	1	0
413			Design Engineering, Machine Elements and Tribology	158	6	19	1	0
414			Fluid Mechanics	313	7	46	1	0
415			Heat Engineering	308	8	39	3	0
416			Mechanics and Control Engineering	231	5	41	2	0
417			Intelligent Mechanics and Machine System	285	4	18	2	0
			Machine Engineering total	1,889	36	243	12	0
421			Electric Power Engineering and Electric Machinery	288	5	51	7	0
422			Electronic and Electric Materials Engineering	353	5	33	2	0
423			Electron Devices and Apparatus Engineering	365	2	37	2	0
424			Information and Communication Engineering	702	8	63	12	0

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	355
323			Solid-State Physics II (Magnetism, Metal Physics,	0	402
324			Physical Properties in General (inclu. Basic Theories)	0	291
325			Physics in General	2	280
			Physics total	3	2,000
331			Physics of Solid Earth	1	196
332			Meteorology, Oceanography and Hydrology	0	224
333			Aeronomy	0	61
334			Geology	3	143
335			Stratigraphy and Paleontology	1	71
336			Mineralogy, Petrology and Study of Mineral Deposit	0	171
337			Geochemistry	0	117
			Earth Science total	5	983
341			Physical Chemistry	1	545
342			Organic Chemistry	7	436
343			Inorganic Chemistry	0	270
344			Function, Properties and Materials in Chemistry	0	229
345			Substance Transformation	0	33
346			Separation, Refining and Identification	1	178
			Chemistry total	9	1,691
351			Genetics	2	188
352			Ecology	1	341
353			Plant Physiology	1	218
354			Morphology, Structure of Organism	1	114
355			Animal Physiology and	1	136
356			Morphology and Taxonomy	2	201
			Biology total	8	1,198
361			Physical Anthropology (inclu. Physiological Anthropology)	0	77
			SCIENCE Total	26	7,713
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	1	220
402			Surface Physics	0	144
403			Applied Optics and Quantum Optics	1	223
404			General Applied Physics	2	130
405			Fundamentals of Engineering	0	90
			Applied Physics·Fundamentals of Engineering total	4	807
411			Materials for Machines and Strength of Materials	1	408
412			Workshop Processes and Production Engineering	0	276
413			Design Engineering, Machine Elements and Tribology	0	184
414			Fluid Mechanics	0	367
415			Heat Engineering	0	358
416			Mechanics and Control Engineering	0	279
417			Intelligent Mechanics and Machine System	0	309
			Machine Engineering total	1	2,181
421			Electric Power Engineering and Electric Machinery	0	351
422			Electronic and Electric Materials Engineering	2	395
423			Electron Devices and Apparatus Engineering	1	407
424			Information and Communication Engineering	1	786

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes
425			System Engineering	161	5	9	4	1
427			Electronic Measurements	266	4	47	0	0
428			Control Engineering	240	2	30	1	0
			Electric and Electronic Engineering	2,375	31	270	28	1
431			Construction Materials and Dynamics in General Civil Engineering	127	0	19	0	0
432			Structural Engineering and Seismology	186	7	26	0	0
433			Ground Engineering	185	1	23	1	0
434			Hydraulics and River Engineering	203	2	15	0	0
435			Traffic Engineering and Regional Planning	158	4	9	0	0
436			Civil Environmental System	143	2	13	0	0
			Civil Engineering total	1,002	16	105	1	0
441			Building Structure and Materials	316	6	10	0	1
442			Building Science and Building Equipment	161	8	7	0	0
443			City Planning and Building Planning	367	11	20	0	1
444			Architectural History and Design	127	11	10	0	1
			Architecture total	971	36	47	0	3
451			Physical Metallurgy	133	0	15	0	0
452			Inorganic Materials and	246	1	22	2	0
453			Composed Materials and Properties	75	1	3	0	1
454			Structural and Functional Materials	165	2	13	0	0
455			Metallurgy and Material	193	4	20	1	0
456			Metal Productive Engineering	92	1	5	0	0
			Material Engineering total	904	9	78	3	1
461			Chemical Engineering in General	162	0	12	0	0
462			Reaction and Separation Engineering	106	0	5	0	0
463			Catalyst and Chemical Process	97	0	5	2	0
464			Bioengineering	172	0	7	0	0
465			Industrial Analytical Chemistry	73	0	9	0	0
			Process Engineering total	610	0	38	2	0
471			Industrial Physical Chemistry	174	1	6	0	0
472			Industrial Inorganic Chemistry	71	0	6	0	0
473			Industrial Organic Chemistry	77	5	7	0	0
474			Synthetic Chemistry	188	1	15	2	0
475			Polymer Synthesis	155	2	13	1	0
476			Polymer Structure and Property (inclu. Fiber)	177	14	7	1	0
			Industrial Chemistry total	842	23	54	4	0
481			Aeronautics	90	0	2	16	0
482			Ship Engineering	56	0	2	0	0
483			Marine Engineering	31	0	2	0	0
484			Resource Development Engineering	74	0	5	0	0
			Synthetic Engineering total	251	0	11	16	0
			ENGINEERING Total	9,567	165	899	79	5
501	I C U L T U		Plant Breeding	89	4	1	0	2
502			Crop Science	78	3	1	0	0
503			Horticulture and Landscape Architecture	206	17	0	0	0
504			Plant Protection	139	6	0	0	0
505			Sericultural Science and Economic Entomology	38	3	0	0	0
			Agriculture total	550	33	2	0	2
511			Plant Fertilizer and Manure and Soil Science	117	6	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	355	22	9	0	0
513			Biological Productive Chemistry and Bioorganic Chemistry	113	6	2	0	0
514			Food Science and Nutritional Chemistry	335	93	3	0	0

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes	Total
425			System Engineering	1	181
427			Electronic Measurements	0	317
428			Control Engineering	0	273
			Electric and Electronic Engineering	5	2,710
431			Construction Materials and Dynamics in General Civil Engineering	0	146
432			Structural Engineering and Seismology	0	219
433			Ground Engineering	1	211
434			Hydraulics and River Engineering	1	221
435			Traffic Engineering and Regional Planning	0	171
436			Civil Environmental System	0	158
			Civil Engineering total	2	1,126
441			Building Structure and Materials	1	334
442			Building Science and Building Equipment	3	179
443			City Planning and Building Planning	0	399
444			Architectural History and Design	0	149
			Architecture total	4	1,061
451			Physical Metallurgy	1	149
452			Inorganic Materials and	0	271
453			Composed Materials and Properties	0	80
454			Structural and Functional Materials	1	181
455			Metallurgy and Material	2	220
456			Metal Productive Engineering	0	98
			Material Engineering total	4	999
461			Chemical Engineering in General	0	174
462			Reaction and Separation Engineering	0	111
463			Catalyst and Chemical Process	0	104
464			Bioengineering	1	180
465			Industrial Analytical Chemistry	0	82
			Process Engineering total	1	651
471			Industrial Physical Chemistry	2	183
472			Industrial Inorganic Chemistry	0	77
473			Industrial Organic Chemistry	0	89
474			Synthetic Chemistry	2	208
475			Polymer Synthesis	0	171
476			Polymer Structure and Property (inclu. Fiber)	1	200
			Industrial Chemistry total	5	928
481			Aeronautics	0	108
482			Ship Engineering	0	58
483			Marine Engineering	0	33
484			Resource Development Engineering	0	79
			Synthetic Engineering total	0	278
			ENGINEERING Total	26	10,741
501	N	I	Plant Breeding	2	98
502			Crop Science	0	82
503			Horticulture and Landscape Architecture	0	223
504			Plant Protection	0	145
505			Sericultural Science and Economic Entomology	6	47
			Agriculture total	8	595
511		L	Plant Fertilizer and Manure and Soil Science	0	124
512			Applied Microbiochemistry and Applied Biochemistry	5	391
513			Biological Productive Chemistry and Bioorganic Chemistry	2	123
514			Food Science and Nutritional Chemistry	1	432

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes
			Agricultural Chemistry total	920	127	14	0	1
521			Forestry	218	4	0	3	0
522			Wood Science	128	1	0	0	0
			Forestry total	346	5	0	3	0
531			Fisheries in General	226	0	1	1	0
532			Fisheries Chemistry	89	6	1	0	0
			Fisheries total	315	6	2	1	0
541			Agricultural Economics	209	8	0	1	0
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	120	12	0	0	0
552			Agricultural Machinery	82	6	1	0	0
553			Biological Environment	54	1	0	0	0
			Agricultural Engineering total	256	19	1	0	0
561			Animal Science and Grassland Science	111	4	0	0	0
562			Applied Animal Science	104	7	0	0	0
563			Basic Veterinary Medicine and Basic Animal Science	180	4	0	0	1
564			Applied Veterinary Medicine	168	0	0	0	0
			Animal Science·Veterinary Medicine total	563	15	0	0	1
571			Biological Resource Science	62	0	0	0	0
572			Applied Molecular Cell Biology	49	1	2	0	0
			Interdisciplinary Agricultural Science total	111	1	2	0	0
			AGRICULTURE Total	3,270	214	21	5	4
601			Anatomy in General (inclu. Histology, Embryology)	258	21	0	1	0
602			Physiology in General	297	19	0	9	1
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	169	19	0	0	0
604			Pharmacology in General	235	11	0	2	0
605			Medical Chemistry in General	221	13	1	1	0
606			Pathological Medical Chemistry	107	2	0	0	0
			Physiology total	1,287	85	1	13	1
611			Hominal Pathology	372	8	0	0	0
612			Experimental Pathology	165	6	0	0	0
613			Parasitology (inclu. Medical Zoology)	128	6	0	0	1
614			Bacteriology (inclu. Eumycetes)	204	15	1	0	0
615			Virology	164	2	0	0	0
616			Immunology	269	6	0	0	0
			Pathology total	1,302	43	1	0	1
621			Hygiene	181	12	0	0	0
622			Public Health and Health Science	455	48	1	0	1
623			Legal Medicine	163	1	0	0	0
			Social Medicine total	799	61	1	0	1
631			Internal Medicine in General	366	9	0	0	0
632			Gastroenterology	447	3	0	0	0
633			Internal Medicine Respiratory System	211	3	0	0	0
634			Neurological Medicine	282	4	0	1	0
635			Cardioangiolog	504	4	0	0	0
636			Pediatrics	444	5	0	0	0
637			Dermatology	217	1	0	0	0
638			Radiology	464	13	0	1	0
639			Neuropsychiatry	372	14	0	0	1
641			Hematology	312	6	0	0	0
642			Internal Medicine of Kidney	186	4	0	0	0
643			Embryology and Newborn	35	1	0	0	0
644			Endocrinology	164	3	0	0	0
645			Metabolic Science	176	4	0	0	0
			Internal Medicine total	4,180	74	0	2	1
651			Surgery in General	386	4	0	0	0
652			Gastroenterological Surgery	404	1	0	0	0
653			Thoracic Surgery	302	1	0	0	0

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes	Total
			Agricultural Chemistry total	8	1,070
521			Forestry	0	225
522			Wood Science	1	130
			Forestry total	1	355
531			Fisheries in General	0	228
532			Fisheries Chemistry	1	97
			Fisheries total	1	325
541			Agricultural Economics	0	218
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	132
552			Agricultural Machinery	0	89
553			Biological Environment	0	55
			Agricultural Engineering total	0	276
561			Animal Science and Grassland Science	0	115
562			Applied Animal Science	1	112
563			Basic Veterinary Medicine and Basic Animal Science	9	194
564			Applied Veterinary Medicine	6	174
			Animal Science·Veterinary Medicine total	16	595
571			Biological Resource Science	0	62
572			Applied Molecular Cell Biology	0	52
			Interdisciplinary Agricultural Science total	0	114
			AGRICULTURE Total	34	3,548
601			Anatomy in General (inclu. Histology, Embryology)	1	281
602			Physiology in General	0	326
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	188
604			Pharmacology in General	1	249
605			Medical Chemistry in General	1	237
606			Pathological Medical Chemistry	1	110
			Physiology total	4	1,391
611			Hominal Pathology	6	386
612			Experimental Pathology	5	176
613			Parasitology (inclu. Medical Zoology)	0	135
614			Bacteriology (inclu. Eumycetes)	2	222
615			Virology	4	170
616			Immunology	6	281
			Pathology total	23	1,370
621			Hygiene	7	200
622			Public Health and Health Science	2	507
623			Legal Medicine	0	164
			Social Medicine total	9	871
631			Internal Medicine in General	2	377
632			Gastroenterology	3	453
633			Internal Medicine Respiratory System	2	216
634			Neurological Medicine	0	287
635			Cardioangiolog	3	511
636			Pediatrics	1	450
637			Dermatology	0	218
638			Radiology	2	480
639			Neuropsychiatry	0	387
641			Hematology	1	319
642			Internal Medicine of Kidney	2	192
643			Embryology and Newborn	0	36
644			Endocrinology	1	168
645			Metabolic Science	1	181
			Internal Medicine total	18	4,275
651			Surgery in General	0	390
652			Gastroenterological Surgery	2	407
653			Thoracic Surgery	1	304

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes
654			Neurosurgery	325	1	0	0	0
655			Orthopedic Surgery	466	6	0	0	0
656			Anesthesiology and Rescue Medicine	379	1	0	0	0
657			Urology	272	0	0	0	0
658			Obstetrics and Gynecology	362	5	0	0	0
659			Oto-rhino-laryngology	264	0	0	0	0
660			Ophthalmology	268	0	0	0	0
661			Pediatric Surgery	70	0	0	0	0
662			Formative Surgery	68	0	0	0	0
			Surgery total	3,566	19	0	0	0
671			Oral Anatomy and Morphological Basic Dentistry	230	1	0	0	0
672			Functional Basic Dentistry	180	3	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	169	1	0	0	0
674			Conservative Dentistry	282	13	0	0	0
675			Prosthodontics and Dental Technology	385	3	0	0	0
676			Oral Surgery	476	4	0	0	0
677			Orthodontics, Pedodontics and Social Dentistry	390	4	0	0	0
678			Periodontological Dentistry	94	2	0	0	0
		Dentistry total	2,206	31	0	0	0	
681			Chemical Pharmaceutics	396	1	1	0	0
682			Physical Pharmaceutics	177	2	0	0	0
683			Biopharmaceutics	446	4	2	0	0
684			Molecular Pharmaceutics	101	1	0	0	0
685			Environmental Pharmaceutics	58	1	1	0	0
		Pharmaceutics total	1,178	9	4	0	0	
691			Medical Sociology	102	6	0	0	0
692			Human Genetics	69	1	0	1	0
693			Applied Pharmacology and Medical Pharmacology	152	2	0	0	0
694			Pathological Examination	125	15	0	0	0
696			Science of Basic and Local Nursing	112	10	1	0	0
697		Science of Clinical Nursing	134	13	0	0	0	
		Medicine in General total	694	47	1	1	0	
	MEDICINE Total	15,212	369	8	16	4		
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)	55	2	1	1	0
703			Physical Education	284	11	2	0	0
704			Human Geography	145	2	0	1	1
705			Physical Geography	92	2	0	1	0
			Geography total	237	4	0	2	1
706			Home Science(inclu. Cloth/Living Environments)	155	41	0	0	0
707			Food Culture	128	63	0	0	0
			Domestic Science total	283	104	0	0	0
708			Science of Cultural Property	10	1	0	1	3
711			Science Education	114	7	6	0	1
712			Educational Engineering	101	10	5	5	3
713			Curriculum Studies	120	5	1	0	0
714			Japanese Language Education	29	2	0	0	1
			Science Education·Curriculum Education total	364	24	12	5	5
721			Statistics	95	0	0	13	0
731			Computer Science	606	9	33	7	0
732			Intelligent Informatics	489	11	20	13	0
733			Study of Information System (Inclu. Library and Information Science)	209	12	8	17	0
			Information Science total	1,304	32	61	37	0
741			Social System Engineering	253	4	2	0	0
751			Natural Disaster Science	37	0	2	0	0
761			Plasma Science and Technology	146	2	8	24	0
772			Nuclear Fusion	51	1	1	17	0

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes	Total
654			Neurosurgery	0	326
655			Orthopedic Surgery	1	473
656			Anesthesiology and Rescue Medicine	1	381
657			Urology	1	273
658			Obstetrics and Gynecology	1	368
659			Oto-rhino-laryngology	1	265
660			Ophthalmology	0	268
661			Pediatric Surgery	0	70
662			Formative Surgery	0	68
			Surgery total	8	3,593
671			Oral Anatomy and Morphological Basic Dentistry	0	231
672			Functional Basic Dentistry	0	183
673			Morbid Dentistry (inclu. Dental Radiology)	0	170
674			Conservative Dentistry	0	295
675			Prosthodontics and Dental Technology	0	388
676			Oral Surgery	0	480
677			Orthodontics, Pedodontics and Social Dentistry	0	394
678			Periodontological Dentistry	0	96
			Dentistry total	0	2,237
681			Chemical Pharmaceutics	5	403
682			Physical Pharmaceutics	0	179
683			Biopharmaceutics	3	455
684			Molecular Pharmaceutics	1	103
685			Environmental Pharmaceutics	0	60
			Pharmaceutics total	9	1,200
691			Medical Sociology	2	110
692			Human Genetics	1	72
693			Applied Pharmacology and Medical Pharmacology	0	154
694			Pathological Examination	0	140
696			Science of Basic and Local Nursing	0	123
697			Science of Clinical Nursing	0	147
			Medicine in General total	3	746
	MEDICINE Total			74	15,683
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	59
703			Physical Education	0	297
704			Human Geography	1	150
705			Physical Geography	0	95
			Geography total	1	245
706			Home Science (inclu. Cloth/Living Environments)	0	196
707			Food Culture	0	191
			Domestic Science total	0	387
708			Science of Cultural Property	0	15
711			Science Education	0	128
712			Educational Engineering	0	124
713			Curriculum Studies	0	126
714			Japanese Language Education	0	32
			Science Education·Curriculum Education total	0	410
721			Statistics	0	108
731			Computer Science	0	655
732			Intelligent Informatics	0	533
733			Study of Information System (Inclu. Library and Information Science)	1	247
			Information Science total	1	1,435
741			Social System Engineering	0	259
751			Natural Disaster Science	2	41
761			Plasma Science and Technology	2	182
772			Nuclear Fusion	1	71

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes
773			Energy Science General	81	1	6	1	0
774			Nuclear Power Science	139	0	3	5	0
			Energy total	271	2	10	23	0
801			Environmental Dynamic Analysis	144	4	1	1	0
802			Environmental Influence Assessment (inclu. Radiobiology)	143	5	3	1	0
803			Environmental Preservation	212	9	6	1	0
			Environmental Science total	499	18	10	3	0
811			Biological Organic Chemistry	171	3	5	0	0
812			Structured Biochemistry	151	5	1	0	0
813			Functional Biochemistry	229	12	1	0	0
			Biological Chemistry total	551	20	7	0	0
821			Biophysics	185	1	5	12	0
822			Molecular Biology	470	9	3	16	0
823			Cell Biology	310	2	0	7	0
824			Developmental Biology	164	0	1	11	0
			Basic Biology total	1,129	12	9	46	0
831			Neuroanatomy and Neuropathology	130	5	0	2	0
832			Neurochemistry and Neuropharmacology	130	1	0	0	0
833			Neuro Science in General	228	5	0	18	0
834			Neuro and Muscular Physiology	171	8	0	7	0
			Neuro Science (inclu. Brain Science) total	659	19	0	27	0
841			Laboratory Animal Science	67	0	1	1	0
851			Medical Organism Engineering and Material Science of Organism	293	11	14	0	0
			INTERDISCIPLINARY AREA Total	6,537	266	139	183	9
999			WIDE AREA Total	637	38	8	11	1
			Item n.a. Total	21,372	527	747	394	36
			Grand Total	70,208	1,983	2,067	1,013	106

Table 11. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Private Scientific Research Institutes	Total
773			Energy Science General	0	89
774			Nuclear Power Science	0	147
			Energy total	1	307
801			Environmental Dynamic Analysis	0	150
802			Environmental Influence Assessment (inclu. Radiobiology)	3	155
803			Environmental Preservation	1	229
			Environmental Science total	4	534
811			Biological Organic Chemistry	4	183
812			Structured Biochemistry	2	159
813			Functional Biochemistry	0	242
			Biological Chemistry total	6	584
821			Biophysics	1	204
822			Molecular Biology	6	504
823			Cell Biology	10	329
824			Developmental Biology	0	176
			Basic Biology total	17	1,213
831			Neuroanatomy and Neuropathology	0	137
832			Neurochemistry and Neuropharmacology	2	133
833			Neuro Science in General	1	252
834			Neuro and Muscular Physiology	0	186
			Neuro Science (inclu. Brain Science) total	3	708
841			Laboratory Animal Science	6	75
851			Medical Organism Engineering and Material Science of Organism	0	318
			INTERDISCIPLINARY AREA Total	43	7,177
999			WIDE AREA Total	1	696
			Item n.a. Total	155	23,231
			Grand Total	377	75,754

Table 12. Number of Doctorate Degrees by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total	
211	ARTS • HUMANITIES		Philosophy	52	0	1	0	0	53	
212			Chinese Philosophy	16	0	0	0	0	16	
213			Indian Philosophy (inclu. Buddhist Studies)	12	0	3	1	0	16	
214			Religion	22	0	0	0	0	22	
215			Ethics	20	0	0	0	0	20	
216			History of Philosophy	23	0	1	0	0	24	
217			Aesthetics (inclu. Arts)	38	0	0	1	1	40	
218			Art History	18	0	0	0	2	20	
			Philosophy total	201	0	5	2	3	211	
221			Experimental Psychology	143	1	0	2	1	147	
222			Educational and Social	228	0	0	2	1	231	
223			Sociology	75	1	0	3	1	80	
224			Education	168	0	0	5	4	177	
225			Cultural Anthropology (inclu. Ethnology and Folklore)	73	0	0	13	0	86	
		Psychology • Sociology • Education Cultural Anthropology total			687	2	0	25	7	721
231			Japanese History	108	1	3	4	0	116	
232			Oriental History	38	0	1	0	0	39	
233			European History	47	0	1	0	0	48	
234			Archaeology (inclu. Prehistory)	24	0	0	3	0	27	
		History total			217	1	5	7	0	230
241			Japanese Language	33	0	0	0	1	34	
242			Japanese Literature	44	0	5	2	0	51	
243			Chinese Language and Literature	19	0	0	0	0	19	
244			English Language and Literature	67	1	1	0	0	69	
245			French Language and Literature	35	0	0	0	0	35	
246			German Language and Literature	16	0	1	0	0	17	
247			Other Foreign Languages and Literatures	21	0	1	0	0	22	
248			Linguistics and Phonetics	86	0	1	2	0	89	
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	25	0	0	0	0	25	
			Literature total			346	1	9	4	1
	ARTS • HUMANITIES Total			1,451	4	19	38	11	1,523	
261	LAW	Basic Science of Law	29	1	0	0	0	30		
262		Public Law	38	0	0	0	0	38		
263		International Law	12	0	1	0	0	13		
264		Civil Law	44	0	0	1	0	45		
265		Social Law	9	0	0	0	0	9		
266		Criminal Law	12	0	0	0	0	12		
267		Politics	92	0	0	0	0	92		
	LAW Total			236	1	1	1	0	239	
271	ECONOMICS	General Theory of Economics	130	0	1	0	0	131		
272		Economical Statistics	34	0	0	0	0	34		
273		Economic Policy (inclu. Economic Condition)	107	0	1	1	0	109		
274		Economic History	65	0	0	1	0	66		
275		Public Finance, Money and Banking	43	1	0	0	0	44		
276		Commercial Science	17	1	0	0	0	18		
277		Business Administration	65	0	0	0	0	65		
278		Accounting	41	0	0	0	0	41		
	ECONOMICS Total			502	2	2	2	0	508	
301	SCIENCE		Algebra	203	0	22	0	0	225	
302			Geometry	185	0	19	0	0	204	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	207	0	13	6	0	226	
305			Basic Analysis	188	1	10	0	0	199	
306			Larger-area Analysis	101	0	3	0	0	104	
		Mathematics total			884	1	67	6	0	958
311		Astronomy	97	0	3	38	2	140		
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	344	0	12	67	1	424		

Table 12. Number of Doctorate Degrees by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	215	0	14	6	0	235
323			Solid-State Physics II (Magnetism, Metal Physics,	259	1	15	5	0	280
324			Physical Properties in General (inclu. Basic Theories)	155	2	12	10	0	179
325			Physics in General	155	0	8	20	0	183
			Physics total	1,128	3	61	108	1	1,301
331			Physics of Solid Earth	150	0	0	13	0	163
332			Meteorology, Oceanography and Hydrology	158	0	7	11	0	176
333			Aeronomy	38	0	0	7	0	45
334			Geology	102	0	0	0	2	104
335			Stratigraphy and Paleontology	54	0	0	1	3	58
336			Mineralogy, Petrology and Study of Mineral Deposit	141	0	0	2	1	144
337			Geochemistry	88	0	2	2	0	92
			Earth Science total	731	0	9	36	6	782
341			Physical Chemistry	314	0	16	32	1	363
342			Organic Chemistry	257	0	16	7	0	280
343			Inorganic Chemistry	163	0	9	5	1	178
344			Function, Properties and Materials in Chemistry	142	0	8	5	0	155
345			Substance Transformation	24	0	1	0	0	25
346			Separation, Refining and Identification	91	1	7	3	0	102
			Chemistry total	991	1	57	52	2	1,103
351			Genetics	116	0	0	18	1	135
352			Ecology	232	0	0	7	0	239
353			Plant Physiology	129	0	1	8	0	138
354			Morphology, Structure of Organism	64	0	0	6	2	72
355			Animal Physiology and	84	0	0	2	0	86
356			Morphology and Taxonomy	119	0	1	2	22	144
			Biology total	744	0	2	43	25	814
361			Physical Anthropology (inclu. Physiological Anthropology)	37	0	0	1	0	38
			SCIENCE Total	4,612	5	199	284	36	5,136
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	133	0	7	1	0	141
402			Surface Physics	90	0	8	1	0	99
403			Applied Optics and Quantum Optics	112	0	14	3	0	129
404			General Applied Physics	70	1	10	6	0	87
405			Fundamentals of Engineering	44	0	8	2	0	54
			Applied Physics · Fundamentals of Engineering total	449	1	47	13	0	510
411			Materials for Machines and Strength of Materials	187	0	42	2	0	231
412			Workshop Processes and Production Engineering	130	0	28	1	0	159
413			Design Engineering, Machine Elements and Tribology	88	0	16	1	0	105
414			Fluid Mechanics	176	1	42	1	0	220
415			Heat Engineering	189	1	34	3	0	227
416			Mechanics and Control Engineering	138	0	37	2	0	177
417			Intelligent Mechanics and Machine System	166	0	17	2	0	185
			Machine Engineering total	1,074	2	216	12	0	1,304
421			Electric Power Engineering and Electric Machinery	132	0	46	7	0	185
422			Electronic and Electric Materials Engineering	203	0	33	2	0	238
423			Electron Devices and Apparatus Engineering	186	0	35	2	0	223
424			Information and Communication Engineering	345	2	55	12	0	414

Table 12. Number of Doctorate Degrees by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
425			System Engineering	81	1	9	4	1	96
427			Electronic Measurements	144	1	41	0	0	186
428			Control Engineering	149	0	27	1	0	177
			Electric and Electronic Engineering	1,240	4	246	28	1	1,519
431			Construction Materials and Dynamics in General Civil Engineering	64	0	19	0	0	83
432			Structural Engineering and Seismology	97	0	23	0	0	120
433			Ground Engineering	121	0	23	1	0	145
434			Hydraulics and River Engineering	135	0	11	0	0	146
435			Traffic Engineering and Regional Planning	89	0	9	0	0	98
436			Civil Environmental System	86	0	13	0	0	99
			Civil Engineering total	592	0	98	1	0	691
441			Building Structure and Materials	139	0	10	0	1	150
442			Building Science and Building Equipment	60	1	6	0	0	67
443			City Planning and Building Planning	136	1	19	0	1	157
444			Architectural History and Design	59	1	10	0	1	71
			Architecture total	394	3	45	0	3	445
451			Physical Metallurgy	111	0	15	0	0	126
452			Inorganic Materials and	180	0	22	2	0	204
453			Composed Materials and Properties	51	0	3	0	1	55
454			Structural and Functional Materials	126	0	12	0	0	138
455			Metallurgy and Material	130	1	17	1	0	149
456			Metal Productive Engineering	75	0	4	0	0	79
			Material Engineering total	673	1	73	3	1	751
461			Chemical Engineering in General	124	0	10	0	0	134
462			Reaction and Separation Engineering	83	0	5	0	0	88
463			Catalyst and Chemical Process	73	0	5	2	0	80
464			Bioengineering	117	0	7	0	0	124
465			Industrial Analytical Chemistry	49	0	8	0	0	57
			Process Engineering total	446	0	35	2	0	483
471			Industrial Physical Chemistry	125	1	4	0	0	130
472			Industrial Inorganic Chemistry	50	0	6	0	0	56
473			Industrial Organic Chemistry	49	1	7	0	0	57
474			Synthetic Chemistry	141	0	14	2	0	157
475			Polymer Synthesis	112	0	12	1	0	125
476			Polymer Structure and Property (inclu. Fiber)	127	0	6	1	0	134
			Industrial Chemistry total	604	2	49	4	0	659
481			Aeronautics	59	0	1	16	0	76
482			Ship Engineering	43	0	2	0	0	45
483			Marine Engineering	17	0	2	0	0	19
484			Resource Development Engineering	65	0	3	0	0	68
			Synthetic Engineering total	184	0	8	16	0	208
			ENGINEERING Total	5,656	13	817	79	5	6,570
501			Plant Breeding	61	0	1	0	2	64
502			Crop Science	62	0	1	0	0	63
503			Horticulture and Landscape Architecture	131	0	0	0	0	131
504			Plant Protection	106	0	0	0	0	106
505			Sericultural Science and Economic Entomology	28	0	0	0	0	28
			Agriculture total	388	0	2	0	2	392
511			Plant Fertilizer and Manure and Soil Science	93	0	0	0	1	94
512			Applied Microbiochemistry and Applied Biochemistry	201	0	9	0	0	210
513			Biological Productive Chemistry and Bioorganic Chemistry	80	0	2	0	0	82
514			Food Science and Nutritional Chemistry	156	0	3	0	0	159

Table 12. Number of Doctorate Degrees by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
			Agricultural Chemistry total	530	0	14	0	1	545
521			Forestry	186	0	0	3	0	189
522			Wood Science	113	1	0	0	0	114
			Forestry total	299	1	0	3	0	303
531			Fisheries in General	163	0	1	1	0	165
532			Fisheries Chemistry	69	0	1	0	0	70
			Fisheries total	232	0	2	1	0	235
541			Agricultural Economics	120	0	0	1	0	121
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	99	0	0	0	0	99
552			Agricultural Machinery	76	0	1	0	0	77
553			Biological Environment	36	0	0	0	0	36
			Agricultural Engineering total	211	0	1	0	0	212
561			Animal Science and Grassland Science	80	0	0	0	0	80
562			Applied Animal Science	81	0	0	0	0	81
563			Basic Veterinary Medicine and Basic Animal Science	107	0	0	0	1	108
564			Applied Veterinary Medicine	83	0	0	0	0	83
			Animal Science-Veterinary Medicine total	351	0	0	0	1	352
571			Biological Resource Science	48	0	0	0	0	48
572			Applied Molecular Cell Biology	35	0	2	0	0	37
			Interdisciplinary Agricultural Science total	83	0	2	0	0	85
			AGRICULTURE Total	2,214	1	21	5	4	2,245
601			Anatomy in General (inclu. Histology, Embryology)	121	5	0	1	0	127
602			Physiology in General	146	2	0	9	1	158
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	65	0	0	0	0	65
604			Pharmacology in General	92	0	0	2	0	94
605			Medical Chemistry in General	124	1	1	1	0	127
606			Pathological Medical Chemistry	66	0	0	0	0	66
			Physiology total	614	8	1	13	1	637
611			Hominal Pathology	158	1	0	0	0	159
612			Experimental Pathology	99	0	0	0	0	99
613			Parasitology (inclu. Medical Zoology)	67	0	0	0	1	68
614			Bacteriology (inclu. Eumycetes)	91	3	1	0	0	95
615			Virology	109	1	0	0	0	110
616			Immunology	152	2	0	0	0	154
			Pathology total	676	7	1	0	1	685
621			Hygiene	79	1	0	0	0	80
622			Public Health and Health Science	187	1	1	0	1	190
623			Legal Medicine	81	0	0	0	0	81
			Social Medicine total	347	2	1	0	1	351
631			Internal Medicine in General	151	1	0	0	0	152
632			Gastroenterology	194	2	0	0	0	196
633			Internal Medicine Respiratory System	89	1	0	0	0	90
634			Neurological Medicine	128	1	0	1	0	130
635			Cardioangiolog	210	1	0	0	0	211
636			Pediatrics	206	0	0	0	0	206
637			Dermatology	106	0	0	0	0	106
638			Radiology	241	3	0	1	0	245
639			Neuropsychiatry	167	1	0	0	1	169
641			Hematology	156	3	0	0	0	159
642			Internal Medicine of Kidney	81	1	0	0	0	82
643			Embryology and Newborn	8	1	0	0	0	9
644			Endocrinology	86	1	0	0	0	87
645			Metabolic Science	90	0	0	0	0	90
			Internal Medicine total	1,913	16	0	2	1	1,932
651			Surgery in General	156	1	0	0	0	157
652			Gastroenterological Surgery	175	1	0	0	0	176
653			Thoracic Surgery	124	0	0	0	0	124

Table 12. Number of Doctorate Degrees by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
654			Neurosurgery	145	0	0	0	0	145
655			Orthopedic Surgery	203	3	0	0	0	206
656			Anesthesiology and Rescue Medicine	191	0	0	0	0	191
657			Urology	132	0	0	0	0	132
658			Obstetrics and Gynecology	166	1	0	0	0	167
659			Oto-rhino-laryngology	107	0	0	0	0	107
660			Ophthalmology	126	0	0	0	0	126
661			Pediatric Surgery	37	0	0	0	0	37
662			Formative Surgery	24	0	0	0	0	24
			Surgery total	1,586	6	0	0	0	1,592
671			Oral Anatomy and Morphological Basic Dentistry	83	0	0	0	0	83
672			Functional Basic Dentistry	57	0	0	0	0	57
673			Morbid Dentistry (inclu. Dental Radiology)	62	0	0	0	0	62
674			Conservative Dentistry	85	0	0	0	0	85
675			Prosthodontics and Dental Technology	139	0	0	0	0	139
676			Oral Surgery	208	0	0	0	0	208
677			Orthodontics, Pedodontics and Social Dentistry	159	0	0	0	0	159
678			Periodontological Dentistry	50	0	0	0	0	50
			Dentistry total	843	0	0	0	0	843
681			Chemical Pharmaceutics	108	0	1	0	0	109
682			Physical Pharmaceutics	54	0	0	0	0	54
683			Biopharmaceutics	127	0	2	0	0	129
684			Molecular Pharmaceutics	39	0	0	0	0	39
685			Environmental Pharmaceutics	14	0	1	0	0	15
			Pharmaceutics total	342	0	4	0	0	346
691			Medical Sociology	41	1	0	0	0	42
692			Human Genetics	52	0	0	1	0	53
693			Applied Pharmacology and Medical Pharmacology	60	0	0	0	0	60
694			Pathological Examination	66	3	0	0	0	69
696			Science of Basic and Local Nursing	53	3	1	0	0	57
697			Science of Clinical Nursing	63	1	0	0	0	64
			Medicine in General total	335	8	1	1	0	345
			MEDICINE Total	6,656	47	8	16	4	6,731
702	INTERDISCIPLINARY SCIENCE		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	22	0	1	1	0	24
703			Physical Education	151	0	2	0	0	153
704			Human Geography	63	0	0	1	1	65
705			Physical Geography	59	0	0	1	0	60
			Geography total	122	0	0	2	1	125
706			Home Science (inclu. Cloth/Living Environments)	79	0	0	0	0	79
707			Food Culture	35	0	0	0	0	35
			Domestic Science total	114	0	0	0	0	114
708			Science of Cultural Property	8	1	0	1	3	13
711			Science Education	77	0	5	0	1	83
712			Educational Engineering	42	2	5	5	3	57
713			Curriculum Studies	89	0	1	0	0	90
714			Japanese Language Education	20	0	0	0	1	21
			Science Education·Curriculum Education total	228	2	11	5	5	251
721			Statistics	44	0	0	13	0	57
731			Computer Science	336	2	32	7	0	377
732			Intelligent Informatics	282	2	17	13	0	314
733			Study of Information System (Inclu. Library and Information Science)	83	2	8	17	0	110
			Information Science total	701	6	57	37	0	801
741			Social System Engineering	97	0	2	0	0	99
751			Natural Disaster Science	25	0	1	0	0	26
761			Plasma Science and Technology	106	1	7	24	0	138
772			Nuclear Fusion	43	0	1	17	0	61

Table 12. Number of Doctorate Degrees by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
773			Energy Science General	53	0	6	1	0	60
774			Nuclear Power Science	115	0	3	5	0	123
			Energy total	211	0	10	23	0	244
801			Environmental Dynamic Analysis	97	0	1	1	0	99
802			Environmental Influence Assessment (inclu. Radiobiology)	81	0	2	1	0	84
803			Environmental Preservation	105	1	6	1	0	113
			Environmental Science total	283	1	9	3	0	296
811			Biological Organic Chemistry	112	0	5	0	0	117
812			Structured Biochemistry	85	1	1	0	0	87
813			Functional Biochemistry	127	0	1	0	0	128
			Biological Chemistry total	324	1	7	0	0	332
821			Biophysics	111	0	4	12	0	127
822			Molecular Biology	313	0	3	16	0	332
823			Cell Biology	189	0	0	7	0	196
824			Developmental Biology	116	0	1	11	0	128
			Basic Biology total	729	0	8	46	0	783
831			Neuroanatomy and Neuropathology	68	3	0	2	0	73
832			Neurochemistry and Neuropharmacology	62	0	0	0	0	62
833			Neuro Science in General	139	0	0	18	0	157
834			Neuro and Muscular Physiology	93	2	0	7	0	102
			Neuro Science (inclu. Brain Science) total	362	5	0	27	0	394
841			Laboratory Animal Science	39	0	1	1	0	41
851			Medical Organism Engineering and Material Science of Organism	159	2	11	0	0	172
			INTERDISCIPLINARY AREA Total	3,725	19	127	183	9	4,063
999			WIDE AREA Total	277	5	8	11	1	302
			Item n.a. Total	11,775	23	695	394	36	12,923
			Grand Total	37,104	120	1,897	1,013	106	40,240

Table 13. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
211	ARTS • HUMANITIES		Philosophy	7	0	2	9
212			Chinese Philosophy	4	2	0	6
213			Indian Philosophy (inclu. Buddhist Studies)	4	0	0	4
214			Religion	0	0	1	1
215			Ethics	4	0	0	4
216			History of Philosophy	7	0	0	7
217			Aesthetics (inclu. Arts)	9	0	0	9
218			Art History	3	1	0	4
			Philosophy total	38	3	3	44
221			Experimental Psychology	22	0	0	22
222			Educational and Social	19	1	0	20
223			Sociology	35	3	0	38
224			Education	15	1	0	16
225			Cultural Anthropology (inclu. Ethnology and Folklore)	10	1	0	11
			Psychology • Sociology • Education Cultural Anthropology total	101	6	0	107
231			Japanese History	20	2	0	22
232			Oriental History	9	0	0	9
233			European History	13	1	0	14
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	42	3	0	45
241			Japanese Language	4	0	0	4
242			Japanese Literature	12	2	0	14
243			Chinese Language and Literature	2	0	0	2
244			English Language and Literature	19	2	0	21
245			French Language and Literature	10	0	0	10
246			German Language and Literature	7	0	0	7
247			Other Foreign Languages and Literatures	3	0	0	3
248			Linguistics and Phonetics	16	2	0	18
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	5	0	0	5
			Literature total	78	6	0	84
			ARTS • HUMANITIES Total	259	18	3	280
261	LAW		Basic Science of Law	3	0	0	3
262			Public Law	8	1	0	9
263			International Law	3	0	0	3
264			Civil Law	6	0	0	6
265			Social Law	1	0	0	1
266			Criminal Law	0	1	0	1
267			Politics	27	1	0	28
			LAW Total	48	3	0	51
271	ECONOMICS		General Theory of Economics	34	2	0	36
272			Economical Statistics	9	0	0	9
273			Economic Policy (inclu. Economic Condition)	33	2	0	35
274			Economic History	11	0	0	11
275			Public Finance, Money and Banking	12	0	0	12
276			Commercial Science	5	1	0	6
277			Business Administration	18	3	0	21
278			Accounting	10	0	0	10
			ECONOMICS Total	132	8	0	140
301	SCIENCE		Algebra	21	0	0	21
302			Geometry	18	0	2	20
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	34	0	2	36
305			Basic Analysis	17	0	2	19
306			Larger-area Analysis	8	0	0	8
			Mathematics total	98	0	6	104
311			Astronomy	3	0	0	3
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	32	2	1	35

Table 13. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	20	1	1	22
323			Solid-State Physics II (Magnetism, Metal Physics,	23	0	1	24
324			Physical Properties in General (inclu. Basic Theories)	13	0	2	15
325			Physics in General	12	0	2	14
			Physics total	100	3	7	110
331			Physics of Solid Earth	4	0	0	4
332			Meteorology, Oceanography and Hydrology	7	0	0	7
333			Aeronomy	1	0	0	1
334			Geology	12	0	0	12
335			Stratigraphy and Paleontology	3	0	0	3
336			Mineralogy, Petrology and Study of Mineral Deposit	6	0	0	6
337			Geochemistry	4	0	0	4
			Earth Science total	37	0	0	37
341			Physical Chemistry	37	2	2	41
342			Organic Chemistry	32	0	2	34
343			Inorganic Chemistry	16	1	1	18
344			Function, Properties and Materials in Chemistry	11	0	0	11
345			Substance Transformation	1	0	0	1
346			Separation, Refining and Identification	13	1	0	14
			Chemistry total	110	4	5	119
351			Genetics	13	0	0	13
352			Ecology	22	1	0	23
353			Plant Physiology	35	0	0	35
354			Morphology, Structure of Organism	5	0	0	5
355			Animal Physiology and	13	2	0	15
356			Morphology and Taxonomy	8	1	0	9
			Biology total	96	4	0	100
361			Physical Anthropology (inclu. Physiological Anthropology)	3	0	0	3
	SCIENCE Total			447	11	18	476
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	18	0	2	20
402			Surface Physics	5	0	0	5
403			Applied Optics and Quantum Optics	12	0	1	13
404			General Applied Physics	5	0	0	5
405			Fundamentals of Engineering	4	0	1	5
			Applied Physics·Fundamentals of Engineering total	44	0	4	48
411			Materials for Machines and Strength of Materials	19	0	4	23
412			Workshop Processes and Production Engineering	12	1	4	17
413			Design Engineering, Machine Elements and Tribology	6	0	2	8
414			Fluid Mechanics	16	1	4	21
415			Heat Engineering	12	0	5	17
416			Mechanics and Control Engineering	7	0	3	10
417			Intelligent Mechanics and Machine System	17	0	1	18
			Machine Engineering total	89	2	23	114
421	G		Electric Power Engineering and Electric Machinery	12	0	4	16
422			Electronic and Electric Materials Engineering	12	0	0	12
423			Electron Devices and Apparatus Engineering	19	0	2	21
424			Information and Communication Engineering	52	1	6	59

Table 13. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
425			System Engineering	8	0	0	8
427			Electronic Measurements	8	0	3	11
428			Control Engineering	24	0	2	26
			Electric and Electronic Engineering	135	1	17	153
431			Construction Materials and Dynamics in General Civil Engineering	2	0	0	2
432			Structural Engineering and Seismology	9	0	3	12
433			Ground Engineering	7	0	0	7
434			Hydraulics and River Engineering	7	0	4	11
435			Traffic Engineering and Regional Planning	6	0	0	6
436			Civil Environmental System	6	1	0	7
			Civil Engineering total	37	1	7	45
441			Building Structure and Materials	26	0	0	26
442			Building Science and Building Equipment	19	4	1	24
443			City Planning and Building Planning	25	2	1	28
444			Architectural History and Design	9	2	0	11
			Architecture total	79	8	2	89
451			Physical Metallurgy	4	0	0	4
452			Inorganic Materials and	3	0	0	3
453			Composed Materials and Properties	5	0	0	5
454			Structural and Functional Materials	9	0	1	10
455			Metallurgy and Material	3	0	3	6
456			Metal Productive Engineering	2	0	1	3
			Material Engineering total	26	0	5	31
461			Chemical Engineering in General	7	0	2	9
462			Reaction and Separation Engineering	6	0	0	6
463			Catalyst and Chemical Process	5	0	0	5
464			Bioengineering	13	0	0	13
465			Industrial Analytical Chemistry	5	0	1	6
			Process Engineering total	36	0	3	39
471			Industrial Physical Chemistry	15	0	2	17
472			Industrial Inorganic Chemistry	4	0	0	4
473			Industrial Organic Chemistry	3	0	0	3
474			Synthetic Chemistry	10	0	1	11
475			Polymer Synthesis	11	0	1	12
476			Polymer Structure and Property (inclu. Fiber)	8	3	1	12
			Industrial Chemistry total	51	3	5	59
481			Aeronautics	5	0	1	6
482			Ship Engineering	3	0	0	3
483			Marine Engineering	3	0	0	3
484			Resource Development Engineering	1	0	2	3
			Synthetic Engineering total	12	0	3	15
			ENGINEERING Total	509	15	69	593
501	I C U L T U		Plant Breeding	12	3	0	15
502			Crop Science	4	2	0	6
503			Horticulture and Landscape Architecture	29	4	0	33
504			Plant Protection	8	4	0	12
505			Sericultural Science and Economic Entomology	1	0	0	1
			Agriculture total	54	13	0	67
511			Plant Fertilizer and Manure and Soil Science	8	3	0	11
512			Applied Microbiochemistry and Applied Biochemistry	31	1	0	32
513			Biological Productive Chemistry and Bioorganic Chemistry	14	1	0	15
514			Food Science and Nutritional Chemistry	35	20	0	55

Table 13. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
			Agricultural Chemistry total	88	25	0	113
521			Forestry	11	1	0	12
522			Wood Science	4	0	0	4
			Forestry total	15	1	0	16
531			Fisheries in General	6	0	0	6
532			Fisheries Chemistry	1	1	0	2
			Fisheries total	7	1	0	8
541			Agricultural Economics	20	5	0	25
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	5	10	0	15
552			Agricultural Machinery	1	2	0	3
553			Biological Environment	9	1	0	10
			Agricultural Engineering total	15	13	0	28
561			Animal Science and Grassland Science	3	4	0	7
562			Applied Animal Science	2	5	0	7
563			Basic Veterinary Medicine and Basic Animal Science	12	1	0	13
564			Applied Veterinary Medicine	11	0	0	11
			Animal Science·Veterinary Medicine total	28	10	0	38
571			Biological Resource Science	3	0	0	3
572			Applied Molecular Cell Biology	4	0	0	4
			Interdisciplinary Agricultural Science total	7	0	0	7
			AGRICULTURE Total	234	68	0	302
601	MEDICAL		Anatomy in General (inclu. Histology, Embryology)	23	3	0	26
602			Physiology in General	20	3	0	23
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	20	4	0	24
604			Pharmacology in General	20	0	0	20
605			Medical Chemistry in General	24	0	0	24
606			Pathological Medical Chemistry	10	0	0	10
			Physiology total	117	10	0	127
611			Hominal Pathology	39	1	0	40
612			Experimental Pathology	21	1	0	22
613			Parasitology (inclu. Medical Zoology)	13	2	0	15
614			Bacteriology (inclu. Eumycetes)	18	5	0	23
615			Virology	10	0	0	10
616			Immunology	10	0	0	10
			Pathology total	111	9	0	120
621			Hygiene	15	2	0	17
622			Public Health and Health Science	64	9	0	73
623			Legal Medicine	20	0	0	20
			Social Medicine total	99	11	0	110
631			Internal Medicine in General	36	4	0	40
632			Gastroenterology	40	0	0	40
633			Internal Medicine Respiratory System	24	0	0	24
634			Neurological Medicine	26	0	0	26
635			Cardioangiopathy	41	1	0	42
636			Pediatrics	41	0	0	41
637			Dermatology	25	0	0	25
638			Radiology	32	1	0	33
639			Neuropsychiatry	27	1	0	28
641			Hematology	22	1	0	23
642			Internal Medicine of Kidney	13	1	0	14
643			Embryology and Newborn	9	0	0	9
644			Endocrinology	7	0	0	7
645			Metabolic Science	12	1	0	13
			Internal Medicine total	355	10	0	365
651			Surgery in General	29	3	0	32
652			Gastroenterological Surgery	45	0	0	45
653			Thoracic Surgery	19	0	0	19

Table 13. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
654			Neurosurgery	31	1	0	32
655			Orthopedic Surgery	56	0	0	56
656			Anesthesiology and Rescue Medicine	42	0	0	42
657			Urology	33	0	0	33
658			Obstetrics and Gynecology	34	3	0	37
659			Oto-rhino-laryngology	27	0	0	27
660			Ophthalmology	20	0	0	20
661			Pediatric Surgery	6	0	0	6
662			Formative Surgery	2	0	0	2
			Surgery total	344	7	0	351
671			Oral Anatomy and Morphological Basic Dentistry	8	0	0	8
672			Functional Basic Dentistry	6	0	0	6
673			Morbid Dentistry (inclu. Dental Radiology)	6	0	0	6
674			Conservative Dentistry	5	2	0	7
675			Prosthodontics and Dental Technology	5	0	0	5
676			Oral Surgery	23	0	0	23
677			Orthodontics, Pedodontics and Social Dentistry	6	1	0	7
678			Periodontological Dentistry	2	1	0	3
			Dentistry total	61	4	0	65
681			Chemical Pharmaceutics	15	0	0	15
682			Physical Pharmaceutics	10	1	0	11
683			Biopharmaceutics	28	1	0	29
684			Molecular Pharmaceutics	6	0	0	6
685			Environmental Pharmaceutics	5	0	0	5
			Pharmaceutics total	64	2	0	66
691			Medical Sociology	10	2	0	12
692			Human Genetics	3	0	0	3
693			Applied Pharmacology and Medical Pharmacology	4	0	0	4
694			Pathological Examination	8	6	0	14
696			Science of Basic and Local Nursing	36	3	0	39
697			Science of Clinical Nursing	41	5	0	46
			Medicine in General total	102	16	0	118
			MEDICINE Total	1,253	69	0	1,322
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	4	0	0	4
703			Physical Education	27	1	0	28
704			Human Geography	9	0	0	9
705			Physical Geography	6	0	0	6
			Geography total	15	0	0	15
706			Home Science (inclu. Cloth/Living Environments)	5	8	0	13
707			Food Culture	24	7	0	31
			Domestic Science total	29	15	0	44
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	1	1
712			Educational Engineering	7	2	0	9
713			Curriculum Studies	5	0	0	5
714			Japanese Language Education	1	0	0	1
			Science Education·Curriculum Education total	13	2	1	16
721			Statistics	4	0	0	4
731			Computer Science	37	0	1	38
732			Intelligent Informatics	41	2	3	46
733			Study of Information System (Inclu. Library and Information Science)	17	1	0	18
			Information Science total	95	3	4	102
741			Social System Engineering	22	1	0	23
751			Natural Disaster Science	5	0	1	6
761			Plasma Science and Technology	7	0	1	8
772			Nuclear Fusion	1	0	0	1

Table 13. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
773			Energy Science General	7	0	0	7
774			Nuclear Power Science	1	0	0	1
			Energy total	9	0	0	9
801			Environmental Dynamic Analysis	8	1	0	9
802			Environmental Influence Assessment (inclu. Radiobiology)	19	3	1	23
803			Environmental Preservation	19	3	0	22
			Environmental Science total	46	7	1	54
811			Biological Organic Chemistry	12	1	0	13
812			Structured Biochemistry	15	1	0	16
813			Functional Biochemistry	23	4	0	27
			Biological Chemistry total	50	6	0	56
821			Biophysics	20	0	1	21
822			Molecular Biology	27	3	0	30
823			Cell Biology	27	0	0	27
824			Developmental Biology	13	0	0	13
			Basic Biology total	87	3	1	91
831			Neuroanatomy and Neuropathology	11	1	0	12
832			Neurochemistry and Neuropharmacology	15	1	0	16
833			Neuro Science in General	23	1	0	24
834			Neuro and Muscular Physiology	13	1	0	14
			Neuro Science (inclu. Brain Science) total	62	4	0	66
841			Laboratory Animal Science	5	0	0	5
851			Medical Organism Engineering and Material Science of Organism	14	0	3	17
			INTERDISCIPLINARY AREA Total	494	42	12	548
999			WIDE AREA Total	43	1	0	44
			Item n.a. Total	1,358	99	39	1,496
			Grand Total	4,777	334	141	5,252

Table 14. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	90	7	0	0	97
212			Chinese Philosophy	17	0	0	0	17
213			Indian Philosophy (inclu. Buddhist Studies)	83	7	0	4	94
214			Religion	95	12	0	0	107
215			Ethics	12	0	0	0	12
216			History of Philosophy	38	4	0	0	42
217			Aesthetics (inclu. Arts)	48	5	0	0	53
218			Art History	28	2	0	0	30
			Philosophy total	411	37	0	4	452
221			Experimental Psychology	134	6	0	1	141
222			Educational and Social	276	32	0	0	308
223			Sociology	234	21	0	2	257
224			Education	151	29	0	0	180
225			Cultural Anthropology (inclu. Ethnology and Folklore)	98	9	0	0	107
			Psychology • Sociology • Education Cultural Anthropology total	893	97	0	3	993
231			Japanese History	141	10	0	2	153
232			Oriental History	70	2	0	1	73
233			European History	78	1	0	0	79
234			Archaeology (inclu. Prehistory)	30	2	0	1	33
			History total	319	15	0	4	338
241			Japanese Language	37	4	0	0	41
242			Japanese Literature	128	15	0	0	143
243			Chinese Language and Literature	44	0	0	0	44
244			English Language and Literature	151	14	0	0	165
245			French Language and Literature	68	2	0	0	70
246			German Language and Literature	26	0	0	0	26
247			Other Foreign Languages and Literatures	35	1	0	0	36
248			Linguistics and Phonetics	162	9	0	1	172
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	43	3	0	0	46
			Literature total	694	48	0	1	743
			ARTS • HUMANITIES Total	2,317	197	0	12	2,526
261	LAW		Basic Science of Law	55	3	0	0	58
262			Public Law	59	1	0	0	60
263			International Law	36	0	0	0	36
264			Civil Law	94	1	0	3	98
265			Social Law	22	1	0	1	24
266			Criminal Law	33	1	0	0	34
267			Politics	198	0	0	0	198
			LAW Total	497	7	0	4	508
271	ECONOMICS		General Theory of Economics	227	6	0	0	233
272			Economical Statistics	51	0	0	0	51
273			Economic Policy (inclu. Economic Condition)	214	5	0	2	221
274			Economic History	105	4	0	0	109
275			Public Finance, Money and Banking	103	4	0	0	107
276			Commercial Science	83	1	0	0	84
277			Business Administration	256	10	0	0	266
278			Accounting	116	3	0	0	119
			ECONOMICS Total	1,155	33	0	2	1,190
301	SCIENCE		Algebra	111	3	0	0	114
302			Geometry	85	1	0	0	86
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	166	6	1	0	173
305			Basic Analysis	108	4	0	1	113
306			Larger-area Analysis	43	1	0	0	44
			Mathematics total	513	15	1	1	530
311			Astronomy	27	2	0	0	29
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	191	21	1	0	213

Table 14. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	93	3	1	1	98
323			Solid-State Physics II (Magnetism, Metal Physics,	94	4	0	0	98
324			Physical Properties in General (inclu. Basic Theories)	90	7	0	0	97
325			Physics in General	76	5	0	2	83
			Physics total	544	40	2	3	589
331			Physics of Solid Earth	26	2	0	1	29
332			Meteorology, Oceanography and Hydrology	40	1	0	0	41
333			Aeronomy	14	1	0	0	15
334			Geology	24	0	0	3	27
335			Stratigraphy and Paleontology	8	1	0	1	10
336			Mineralogy, Petrology and Study of Mineral Deposit	20	1	0	0	21
337			Geochemistry	21	0	0	0	21
			Earth Science total	153	6	0	5	164
341			Physical Chemistry	133	7	0	1	141
342			Organic Chemistry	112	3	0	7	122
343			Inorganic Chemistry	70	4	0	0	74
344			Function, Properties and Materials in Chemistry	60	3	0	0	63
345			Substance Transformation	7	0	0	0	7
346			Separation, Refining and Identification	56	5	0	1	62
			Chemistry total	438	22	0	9	469
351			Genetics	33	5	0	2	40
352			Ecology	66	12	0	1	79
353			Plant Physiology	40	4	0	1	45
354			Morphology, Structure of Organism	32	4	0	1	37
355			Animal Physiology and	32	2	0	1	35
356			Morphology and Taxonomy	46	0	0	2	48
			Biology total	249	27	0	8	284
361			Physical Anthropology (inclu. Physiological Anthropology)	33	3	0	0	36
	SCIENCE Total			1,957	115	3	26	2,101
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	56	1	1	1	59
402			Surface Physics	39	1	0	0	40
403			Applied Optics and Quantum	75	4	1	1	81
404			General Applied Physics	31	5	0	2	38
405			Fundamentals of Engineering	29	2	0	0	31
			Applied Physics·Fundamentals of Engineering total	230	13	2	4	249
411			Materials for Machines and Strength of Materials	148	4	1	1	154
412			Workshop Processes and Production Engineering	98	1	1	0	100
413			Design Engineering, Machine Elements and Tribology	64	6	1	0	71
414			Fluid Mechanics	121	5	0	0	126
415			Heat Engineering	107	7	0	0	114
416			Mechanics and Control Engineering	86	5	1	0	92
417			Intelligent Mechanics and Machine System	102	4	0	0	106
			Machine Engineering total	726	32	4	1	763
421			Electric Power Engineering and Electric Machinery	144	5	1	0	150
422			Electronic and Electric Materials Engineering	138	5	0	2	145
423			Electron Devices and Apparatus Engineering	160	2	0	1	163
424			Information and Communication Engineering	305	5	2	1	313
425			System Engineering	72	4	0	1	77

Table 14. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
427			Electronic Measurements	114	3	3	0	120
428			Control Engineering	67	2	1	0	70
			Electric and Electronic Engineering	1,000	26	7	5	1,038
431			Construction Materials and Dynamics in General Civil Engineering	61	0	0	0	61
432			Structural Engineering and Seismology	80	7	0	0	87
433			Ground Engineering	57	1	0	1	59
434			Hydraulics and River Engineering	61	2	0	1	64
435			Traffic Engineering and Regional Planning	63	4	0	0	67
436			Civil Environmental System	51	1	0	0	52
			Civil Engineering total	373	15	0	2	390
441			Building Structure and Materials	151	6	0	1	158
442			Building Science and Building Equipment	82	3	0	3	88
443			City Planning and Building Planning	206	8	0	0	214
444			Architectural History and Design	59	8	0	0	67
			Architecture total	498	25	0	4	527
451			Physical Metallurgy	18	0	0	1	19
452			Inorganic Materials and	63	1	0	0	64
453			Composed Materials and Properties	19	1	0	0	20
454			Structural and Functional Materials	30	2	0	1	33
455			Metallurgy and Material	60	3	0	2	65
456			Metal Productive Engineering	15	1	0	0	16
			Material Engineering total	205	8	0	4	217
461			Chemical Engineering in General	31	0	0	0	31
462			Reaction and Separation Engineering	17	0	0	0	17
463			Catalyst and Chemical Process	19	0	0	0	19
464			Bioengineering	42	0	0	1	43
465			Industrial Analytical Chemistry	19	0	0	0	19
			Process Engineering total	128	0	0	1	129
471			Industrial Physical Chemistry	34	0	0	2	36
472			Industrial Inorganic Chemistry	17	0	0	0	17
473			Industrial Organic Chemistry	25	4	0	0	29
474			Synthetic Chemistry	37	1	0	2	40
475			Polymer Synthesis	32	2	0	0	34
476			Polymer Structure and Property (inclu. Fiber)	42	11	0	1	54
			Industrial Chemistry total	187	18	0	5	210
481			Aeronautics	26	0	0	0	26
482			Ship Engineering	10	0	0	0	10
483			Marine Engineering	11	0	0	0	11
484			Resource Development Engineering	8	0	0	0	8
			Synthetic Engineering total	55	0	0	0	55
			ENGINEERING Total	3,402	137	13	26	3,578
501	N	I	Plant Breeding	16	1	0	2	19
502			Crop Science	12	1	0	0	13
503			Horticulture and Landscape Architecture	46	13	0	0	59
504			Plant Protection	25	2	0	0	27
505			Sericultural Science and Economic Entomology	9	3	0	6	18
			Agriculture total	108	20	0	8	136
511	L	T	Plant Fertilizer and Manure and Soil Science	16	3	0	0	19
512			Applied Microbiochemistry and Applied Biochemistry	123	21	0	5	149
513			Biological Productive Chemistry and Bioorganic Chemistry	19	5	0	2	26
514			Food Science and Nutritional Chemistry	144	73	0	1	218
			Agricultural Chemistry total	302	102	0	8	412

Table 14. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
521			Forestry	21	3	0	0	24
522			Wood Science	11	0	0	1	12
			Forestry total	32	3	0	1	36
531			Fisheries in General	57	0	0	0	57
532			Fisheries Chemistry	19	5	0	1	25
			Fisheries total	76	5	0	1	82
541			Agricultural Economics	69	3	0	0	72
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	16	2	0	0	18
552			Agricultural Machinery	5	4	0	0	9
553			Biological Environment	9	0	0	0	9
			Agricultural Engineering total	30	6	0	0	36
561			Animal Science and Grassland Science	28	0	0	0	28
562			Applied Animal Science	21	2	0	1	24
563			Basic Veterinary Medicine and Basic Animal Science	61	3	0	9	73
564			Applied Veterinary Medicine	74	0	0	6	80
			Animal Science·Veterinary Medicine total	184	5	0	16	205
571			Biological Resource Science	11	0	0	0	11
572			Applied Molecular Cell Biology	10	1	0	0	11
			Interdisciplinary Agricultural Science total	21	1	0	0	22
			AGRICULTURE Total	822	145	0	34	1,001
601			Anatomy in General (inclu. Histology, Embryology)	114	13	0	1	128
602			Physiology in General	131	14	0	0	145
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	84	15	0	0	99
604			Pharmacology in General	123	11	0	1	135
605			Medical Chemistry in General	73	12	0	1	86
606			Pathological Medical Chemistry	31	2	0	1	34
			Physiology total	556	67	0	4	627
611			Hominal Pathology	175	6	0	6	187
612			Experimental Pathology	45	5	0	5	55
613			Parasitology (inclu. Medical Zoology)	48	4	0	0	52
614			Bacteriology (inclu. Eumycetes)	95	7	0	2	104
615			Virology	45	1	0	4	50
616			Immunology	107	4	0	6	117
			Pathology total	515	27	0	23	565
621			Hygiene	87	9	0	7	103
622			Public Health and Health Science	204	38	0	2	244
623			Legal Medicine	62	1	0	0	63
			Social Medicine total	353	48	0	9	410
631			Internal Medicine in General	179	4	0	2	185
632			Gastroenterology	213	1	0	3	217
633			Internal Medicine Respiratory System	98	2	0	2	102
634			Neurological Medicine	128	3	0	0	131
635			Cardioangiopathy	253	2	0	3	258
636			Pediatrics	197	5	0	1	203
637			Dermatology	86	1	0	0	87
638			Radiology	191	9	0	2	202
639			Neuropsychiatry	178	12	0	0	190
641			Hematology	134	2	0	1	137
642			Internal Medicine of Kidney	92	2	0	2	96
643			Embryology and Newborn	18	0	0	0	18
644			Endocrinology	71	2	0	1	74
			Metabolic Science	74	3	0	1	78
			Internal Medicine total	1,912	48	0	18	1,978
651			Surgery in General	201	0	0	0	201
652			Gastroenterological Surgery	184	0	0	2	186
653			Thoracic Surgery	159	1	0	1	161
654			Neurosurgery	149	0	0	0	149

Table 14. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
655			Orthopedic Surgery	207	3	0	1	211
656			Anesthesiology and Rescue Medicine	146	1	0	1	148
657			Urology	107	0	0	1	108
658			Obstetrics and Gynecology	162	1	0	1	164
659			Oto-rhino-laryngology	130	0	0	1	131
660			Ophthalmology	122	0	0	0	122
661			Pediatric Surgery	27	0	0	0	27
662			Formative Surgery	42	0	0	0	42
			Surgery total	1,636	6	0	8	1,650
671			Oral Anatomy and Morphological Basic Dentistry	139	1	0	0	140
672			Functional Basic Dentistry	117	3	0	0	120
673			Morbid Dentistry (inclu. Dental Radiology)	101	1	0	0	102
674			Conservative Dentistry	192	11	0	0	203
675			Prosthodontics and Dental Technology	241	3	0	0	244
676			Oral Surgery	245	4	0	0	249
677			Orthodontics, Pedodontics and Social Dentistry	225	3	0	0	228
678			Periodontological Dentistry	42	1	0	0	43
			Dentistry total	1,302	27	0	0	1,329
681			Chemical Pharmaceutics	273	1	0	5	279
682			Physical Pharmaceutics	113	1	0	0	114
683			Biopharmaceutics	291	3	0	3	297
684			Molecular Pharmaceutics	56	1	0	1	58
685			Environmental Pharmaceutics	39	1	0	0	40
			Pharmaceutics total	772	7	0	9	788
691			Medical Sociology	51	3	0	2	56
692			Human Genetics	14	1	0	1	16
693			Applied Pharmacology and Medical Pharmacology	88	2	0	0	90
694			Pathological Examination	51	6	0	0	57
696			Science of Basic and Local Nursing	23	4	0	0	27
697			Science of Clinical Nursing	30	7	0	0	37
			Medicine in General total	257	23	0	3	283
			MEDICINE Total	7,303	253	0	74	7,630
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	29	2	0	0	31
703			Physical Education	106	10	0	0	116
704			Human Geography	73	2	0	1	76
705			Physical Geography	27	2	0	0	29
			Geography total	100	4	0	1	105
706			Home Science(inclu. Cloth/Living Environments)	71	33	0	0	104
707			Food Culture	69	56	0	0	125
			Domestic Science total	140	89	0	0	229
708			Science of Cultural Property	2	0	0	0	2
711			Science Education	37	7	0	0	44
712			Educational Engineering	52	6	0	0	58
713			Curriculum Studies	26	5	0	0	31
714			Japanese Language Education	8	2	0	0	10
			Science Education·Curriculum Education total	123	20	0	0	143
721			Statistics	47	0	0	0	47
731			Computer Science	233	7	0	0	240
732			Intelligent Informatics	166	7	0	0	173
733			Study of Information System (Inclu. Library and Information Science)	109	9	0	1	119
			Information Science total	508	23	0	1	532
741			Social System Engineering	134	3	0	0	137
751			Natural Disaster Science	7	0	0	2	9
761			Plasma Science and Technology	33	1	0	2	36
772			Nuclear Fusion	7	1	0	1	9
773			Energy Science General	21	1	0	0	22

Table 14. Number of Doctorate Degrees by Field of Specialization / by Institution Type (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
774			Nuclear Power Science	23	0	0	0	23
			Energy total	51	2	0	1	54
801			Environmental Dynamic Analysis	39	3	0	0	42
802			Environmental Influence Assessment (inclu. Radiobiology)	43	2	0	3	48
803			Environmental Preservation	88	5	0	1	94
			Environmental Science total	170	10	0	4	184
811			Biological Organic Chemistry	47	2	0	4	53
812			Structured Biochemistry	51	3	0	2	56
813			Functional Biochemistry	79	8	0	0	87
			Biological Chemistry total	177	13	0	6	196
821			Biophysics	54	1	0	1	56
822			Molecular Biology	130	6	0	6	142
823			Cell Biology	94	2	0	10	106
824			Developmental Biology	35	0	0	0	35
			Basic Biology total	313	9	0	17	339
831			Neuroanatomy and Neuropathology	51	1	0	0	52
832			Neurochemistry and Neuropharmacology	53	0	0	2	55
833			Neuro Science in General	66	4	0	1	71
834			Neuro and Muscular Physiology	65	5	0	0	70
			Neuro Science (inclu. Brain Science) total	235	10	0	3	248
841			Laboratory Animal Science	23	0	0	6	29
851			Medical Organism Engineering and Material Science of Organism	120	9	0	0	129
			INTERDISCIPLINARY AREA Total	2,318	205	0	43	2,566
999			WIDE AREA Total	317	32	0	1	350
			Item n.a. Total	8,239	405	13	155	8,812
			Grand Total	28,327	1,529	29	377	30,262

Table 15. Number of Research Topics by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
211	ARTS • HUMANITIES	Philosophy	Philosophy	1,058	108	32	0	2	0	1,200
212			Chinese Philosophy	254	14	21	0	1	0	290
213			Indian Philosophy (inclu. Buddhist Studies)	456	80	8	3	0	17	564
214			Religion	578	83	6	1	0	1	669
215			Ethics	346	20	4	0	3	0	373
216			History of Philosophy	504	48	14	0	0	2	568
217			Aesthetics (inclu. Arts)	2,128	649	11	3	8	3	2,802
218			Art History	601	65	0	4	46	10	726
			Philosophy total	5,925	1,067	96	11	60	33	7,192
221		Psychology • Sociology • Education	Experimental Psychology	1,140	69	3	12	3	4	1,231
222			Educational and Social	3,406	633	3	14	51	3	4,110
223			Sociology	3,539	596	0	11	7	11	4,164
224			Education	3,288	770	57	32	91	7	4,245
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1,003	117	0	40	7	3	1,170
			Psychology • Sociology • Education Cultural Anthropology total	12,376	2,185	63	109	159	28	14,920
231		History	Japanese History	1,071	87	42	14	4	21	1,239
232			Oriental History	704	22	13	3	2	6	750
233			European History	938	81	12	1	2	3	1,037
234			Archaeology (inclu. Prehistory)	405	20	3	13	9	17	467
			History total	3,118	210	70	31	17	47	3,493
241		Languages and Literatures	Japanese Language	647	71	6	0	19	0	743
242			Japanese Literature	1,618	355	91	5	2	0	2,071
243			Chinese Language and Literature	721	34	17	0	0	0	772
244			English Language and Literature	4,342	839	167	0	1	0	5,349
245			French Language and Literature	748	55	4	0	0	0	807
246			German Language and Literature	1,052	13	20	0	0	0	1,085
247			Other Foreign Languages and Literatures	719	28	3	0	0	2	752
248			Linguistics and Phonetics	1,911	236	61	5	21	2	2,236
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	607	58	7	1	0	0	673
			Literature total	12,365	1,689	376	11	43	4	14,488
			ARTS • HUMANITIES Total	33,784	5,151	605	162	279	112	40,093
261	LAW	Basic Science of Law	Basic Science of Law	545	26	4	2	0	0	577
262			Public Law	771	53	5	0	0	0	829
263			International Law	444	6	8	0	0	0	458
264			Civil Law	1,206	50	1	1	0	8	1,266
265			Social Law	314	21	0	0	0	3	338
266			Criminal Law	334	13	0	0	0	3	350
267			Politics	1,889	45	10	3	3	0	1,950
			LAW Total	5,503	214	28	6	3	14	5,768
271	ECONOMICS	General Theory of Economics	General Theory of Economics	1,824	82	12	0	0	7	1,925
272			Economical Statistics	374	7	0	0	0	3	384
273			Economic Policy (inclu. Economic Condition)	2,207	95	10	3	0	15	2,330
274			Economic History	741	29	0	3	0	3	776
275			Public Finance, Money and Banking	944	41	1	0	0	0	986
276			Commercial Science	801	82	3	0	0	0	886
277			Business Administration	2,080	246	9	0	0	0	2,335
278			Accounting	1,050	106	0	0	0	0	1,156
			ECONOMICS Total	10,021	688	35	6	0	28	10,778
301	SCIENCE	Mathematics	Algebra	633	10	48	0	0	1	692
302			Geometry	532	7	70	0	0	3	612
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	890	33	70	16	0	0	1,009
305			Basic Analysis	551	10	47	0	0	2	610
306			Larger-area Analysis	264	1	15	0	0	0	280
			Mathematics total	2,870	61	250	16	0	6	3,203
311			Astronomy	322	7	16	86	3	0	434
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1,253	49	27	128	2	0	1,459

Table 15. Number of Research Topics by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	791	8	43	12	0	3	857
323			Solid-State Physics II (Magnetism, Metal Physics,	795	9	40	7	0	0	851
324			Physical Properties in General (inclu. Basic Theories)	587	18	34	20	0	0	659
325			Physics in General	616	11	25	41	0	1	694
			Physics total	4,042	95	169	208	2	4	4,520
331			Physics of Solid Earth	462	4	3	31	0	2	502
332			Meteorology, Oceanography and Hydrology	580	2	15	26	0	0	623
333			Aeronomy	154	2	4	18	0	0	178
334			Geology	351	2	2	0	6	11	372
335			Stratigraphy and Paleontology	186	3	0	3	8	1	201
336			Mineralogy, Petrology and Study of Mineral Deposit	410	2	0	3	6	0	421
337			Geochemistry	307	3	6	6	0	0	322
			Earth Science total	2,450	18	30	87	20	14	2,619
341			Physical Chemistry	1,163	21	32	60	3	1	1,280
342			Organic Chemistry	971	6	40	10	0	14	1,041
343			Inorganic Chemistry	604	11	27	7	3	0	652
344			Function, Properties and Materials in Chemistry	560	8	20	10	0	0	598
345			Substance Transformation	77	0	1	0	0	0	78
346			Separation, Refining and Identification	422	11	19	5	0	2	459
			Chemistry total	3,797	57	139	92	6	17	4,108
351			Genetics	410	9	0	28	3	6	456
352			Ecology	857	37	0	12	7	17	930
353			Plant Physiology	496	9	5	19	0	3	532
354			Morphology, Structure of Organism	282	11	0	14	6	4	317
355			Animal Physiology and	306	15	0	4	0	1	326
356			Morphology and Taxonomy	424	10	1	4	54	9	502
			Biology total	2,775	91	6	81	70	40	3,063
361			Physical Anthropology (inclu. Physiological Anthropology)	211	6	0	1	0	0	218
			SCIENCE Total	16,467	335	610	571	101	81	18,165
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	526	2	23	2	0	1	554
402			Surface Physics	352	2	16	2	0	0	372
403			Applied Optics and Quantum Optics	541	8	38	10	0	3	600
404			General Applied Physics	295	12	28	10	0	13	358
405			Fundamentals of Engineering	203	5	25	4	0	0	237
			Applied Physics·Fundamentals of Engineering total	1,917	29	130	28	0	17	2,121
411			Materials for Machines and Strength of Materials	970	12	135	4	0	1	1,122
412			Workshop Processes and Production Engineering	731	9	128	3	0	0	871
413			Design Engineering, Machine Elements and Tribology	507	30	64	3	0	2	606
414			Fluid Mechanics	919	17	148	3	0	0	1,087
415			Heat Engineering	913	27	127	14	0	0	1,081
416			Mechanics and Control Engineering	644	19	132	5	0	0	800
417			Intelligent Mechanics and Machine System	820	15	71	5	1	0	912
			Machine Engineering total	5,504	129	805	37	1	3	6,479
421			Electric Power Engineering and Electric Machinery	841	17	153	11	0	0	1,022
422			Electronic and Electric Materials Engineering	912	15	97	4	0	8	1,036
423			Electron Devices and Apparatus Engineering	915	10	95	7	0	3	1,030
424			Information and Communication Engineering	1,846	49	228	29	0	2	2,154

Table 15. Number of Research Topics by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
425	E N G I N E E R I N G		System Engineering	420	16	25	7	2	2	472
427			Electronic Measurements	722	14	128	2	0	1	867
428			Control Engineering	655	11	114	3	0	0	783
			Electric and Electronic Engineering	6,311	132	840	63	2	16	7,364
431			Construction Materials and Dynamics in General Civil Engineering	415	0	58	0	0	0	473
432			Structural Engineering and Seismology	575	19	53	0	0	0	647
433			Ground Engineering	568	1	63	3	0	3	638
434			Hydraulics and River Engineering	600	5	61	0	0	5	671
435			Traffic Engineering and Regional Planning	472	13	36	0	0	0	521
436			Civil Environmental System	464	6	48	0	0	0	518
			Civil Engineering total	3,094	44	319	3	0	8	3,468
441			Building Structure and Materials	964	16	33	0	1	2	1,016
442			Building Science and Building Equipment	488	35	25	0	0	5	553
443			City Planning and Building Planning	1,353	91	65	0	2	1	1,512
444			Architectural History and Design	541	62	28	0	4	0	635
			Architecture total	3,346	204	151	0	7	8	3,716
451			Physical Metallurgy	357	3	46	0	0	4	410
452			Inorganic Materials and	680	3	50	3	0	0	736
453			Composed Materials and Properties	232	3	14	0	2	0	251
454			Structural and Functional Materials	484	7	29	0	0	2	522
455			Metallurgy and Material	587	10	54	1	0	9	661
456			Metal Productive Engineering	268	6	15	0	0	0	289
			Material Engineering total	2,608	32	208	4	2	15	2,869
461			Chemical Engineering in General	457	0	37	0	0	0	494
462			Reaction and Separation Engineering	308	0	16	0	0	0	324
463			Catalyst and Chemical Process	283	0	9	6	0	0	298
464			Bioengineering	507	2	18	0	0	1	528
465			Industrial Analytical Chemistry	209	0	33	0	0	0	242
			Process Engineering total	1,764	2	113	6	0	1	1,886
471			Industrial Physical Chemistry	462	3	26	0	0	5	496
472			Industrial Inorganic Chemistry	198	1	15	0	0	0	214
473			Industrial Organic Chemistry	200	12	14	0	0	0	226
474			Synthetic Chemistry	465	1	45	1	0	4	516
475			Polymer Synthesis	438	5	23	1	0	0	467
476			Polymer Structure and Property (inclu. Fiber)	480	43	16	3	0	1	543
			Industrial Chemistry total	2,243	65	139	5	0	10	2,462
481			Aeronautics	286	3	9	40	0	0	338
482			Ship Engineering	199	0	33	0	0	0	232
483			Marine Engineering	98	0	6	0	0	0	104
484			Resource Development Engineering	214	0	14	0	0	0	228
			Synthetic Engineering total	797	3	62	40	0	0	902
			ENGINEERING Total	27,584	640	2,767	186	12	78	31,267
501	A G R I C U L T U R E		Plant Breeding	252	9	2	0	3	4	270
502			Crop Science	229	7	3	0	0	3	242
503			Horticulture and Landscape Architecture	584	43	1	0	0	3	631
504			Plant Protection	363	19	0	0	0	1	383
505			Sericultural Science and Economic Entomology	102	3	0	0	0	15	120
			Agriculture total	1,530	81	6	0	3	26	1,646
511			Plant Fertilizer and Manure and Soil Science	291	20	1	0	1	0	313
512			Applied Microbiochemistry and Applied Biochemistry	925	59	19	0	0	13	1,016
513			Biological Productive Chemistry and Bioorganic Chemistry	276	14	7	0	0	3	300
514			Food Science and Nutritional Chemistry	987	342	8	0	0	6	1,343

Table 15. Number of Research Topics by Field of Specialization / by Institution Type (Japan)

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	A		Agricultural Chemistry total	2,479	435	35	0	1	22	2,972
521			Forestry	621	7	1	7	0	0	636
522	G		Wood Science	369	3	2	0	0	0	374
			Forestry total	990	10	3	7	0	0	1,010
531	R		Fisheries in General	659	0	3	2	0	0	664
532			Fisheries Chemistry	220	11	2	0	0	1	234
			Fisheries total	879	11	5	2	0	1	898
541	I		Agricultural Economics	601	25	0	2	0	0	628
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	359	24	3	0	0	0	386
552	U		Agricultural Machinery	260	20	2	0	0	0	282
553	L		Biological Environment	152	3	0	0	0	0	155
			Agricultural Engineering total	771	47	5	0	0	0	823
561	T		Animal Science and Grassland Science	294	14	0	0	0	0	308
562	U		Applied Animal Science	302	16	0	0	0	5	323
563	R		Basic Veterinary Medicine and Basic Animal Science	468	11	0	0	3	14	496
564			Applied Veterinary Medicine	478	0	0	0	0	15	493
	E		Animal Science·Veterinary Medicine total	1,542	41	0	0	3	34	1,620
571			Biological Resource Science	173	0	0	0	0	0	173
572			Applied Molecular Cell Biology	134	4	5	0	0	0	143
			Interdisciplinary Agricultural Science total	307	4	5	0	0	0	316
			AGRICULTURE Total	9,099	654	59	11	7	83	9,913
601			Anatomy in General (inclu. Histology, Embryology)	677	41	0	5	0	2	725
602			Physiology in General	716	49	0	21	0	0	786
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	465	75	5	0	0	0	545
604			Pharmacology in General	574	16	0	4	0	1	595
605			Medical Chemistry in General	535	24	3	3	0	0	565
606			Pathological Medical Chemistry	288	11	0	0	0	3	302
			Physiology total	3,255	216	8	33	0	6	3,518
611	M		Hominal Pathology	818	24	0	0	0	9	851
612	E		Experimental Pathology	411	16	0	0	0	13	440
613	D		Parasitology (inclu. Medical Zoology)	309	14	0	0	1	0	324
614			Bacteriology (inclu. Eumycetes)	510	32	2	0	0	10	554
615	I		Virology	386	3	0	0	0	21	410
616			Immunology	667	22	0	0	0	16	705
			Pathology total	3,101	111	2	0	1	69	3,284
621	C		Hygiene	500	28	0	0	0	17	545
622	I		Public Health and Health Science	1,508	237	3	0	1	5	1,754
623			Legal Medicine	405	5	0	0	0	0	410
			Social Medicine total	2,413	270	3	0	1	22	2,709
631	N		Internal Medicine in General	879	34	0	0	0	5	918
632	E		Gastroenterology	1,036	5	0	0	0	8	1,049
633			Internal Medicine Respiratory System	491	9	0	0	0	4	504
634			Neurological Medicine	679	12	0	3	0	3	697
635			Cardioangiopathy	1,140	16	0	0	0	2	1,158
636			Pediatrics	1,051	32	0	0	0	1	1,084
637			Dermatology	563	2	0	0	0	0	565
638			Radiology	1,105	47	0	1	0	6	1,159
639			Neuropsychiatry	1,021	39	0	0	3	0	1,063
641			Hematology	644	18	0	0	0	4	666
642			Internal Medicine of Kidney	439	15	0	0	0	4	458
643			Embryology and Newborn	75	3	0	0	0	0	78
644			Endocrinology	400	5	0	0	0	2	407
645			Metabolic Science	428	5	0	0	0	1	434
			Internal Medicine total	9,951	242	0	4	3	40	10,240
651			Surgery in General	860	5	0	0	0	0	865
652			Gastroenterological Surgery	932	3	0	0	0	6	941
653			Thoracic Surgery	627	0	0	0	0	4	631

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654	M		Neurosurgery	766	0	0	0	0	0	766
655			Orthopedic Surgery	1,239	40	0	0	0	3	1,282
656			Anesthesiology and Rescue Medicine	841	4	0	0	0	2	847
657			Urology	604	0	0	0	0	4	608
658			Obstetrics and Gynecology	791	9	0	0	0	3	803
659			Oto-rhino-laryngology	651	0	0	0	0	1	652
660			Ophthalmology	630	0	0	0	0	3	633
661			Pediatric Surgery	172	1	0	0	0	0	173
662			Formative Surgery	161	0	0	0	0	0	161
			Surgery total	8,274	62	0	0	0	26	8,362
671	E		Oral Anatomy and Morphological Basic Dentistry	580	3	0	0	0	0	583
672			Functional Basic Dentistry	440	7	0	0	0	0	447
673			Morbid Dentistry (inclu. Dental Radiology)	433	2	0	0	0	0	435
674			Conservative Dentistry	689	25	0	0	0	0	714
675			Prosthodontics and Dental Technology	1,056	10	0	0	0	0	1,066
676			Oral Surgery	1,221	8	0	0	0	2	1,231
677			Orthodontics, Pedodontics and Social Dentistry	1,083	30	0	0	0	0	1,113
678			Periodontological Dentistry	277	5	0	0	0	0	282
			Dentistry total	5,779	90	0	0	0	2	5,871
681	E		Chemical Pharmaceutics	917	3	0	0	0	8	928
682			Physical Pharmaceutics	445	3	0	0	0	1	449
683			Biopharmaceutics	1,075	6	6	0	0	11	1,098
684			Molecular Pharmaceutics	278	3	0	0	0	4	285
685			Environmental Pharmaceutics	139	2	3	0	0	0	144
			Pharmaceutics total	2,854	17	9	0	0	24	2,904
691			Medical Sociology	385	24	0	0	0	5	414
692			Human Genetics	167	2	0	2	0	3	174
693			Applied Pharmacology and Medical Pharmacology	394	4	0	0	0	0	398
694			Pathological Examination	352	62	0	0	0	0	414
696	E		Science of Basic and Local Nursing	1,026	308	3	0	0	0	1,337
697			Science of Clinical Nursing	1,376	304	0	0	0	0	1,680
			Medicine in General total	3,700	704	3	2	0	8	4,417
			MEDICINE Total	39,327	1,712	25	39	5	197	41,305
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	250	4	9	5	6	0	274
703			Physical Education	2,554	420	109	0	0	0	3,083
704			Human Geography	557	16	15	3	2	10	603
705			Physical Geography	292	9	3	1	0	0	305
			Geography total	849	25	18	4	2	10	908
706			Home Science (inclu. Cloth/Living Environments)	799	638	4	0	0	0	1,441
707			Food Culture	500	518	0	0	0	0	1,018
			Domestic Science total	1,299	1,156	4	0	0	0	2,459
708			Science of Cultural Property	61	3	1	2	9	0	76
711			Science Education	440	43	35	0	20	0	538
712	I		Educational Engineering	590	136	57	34	14	0	831
713			Curriculum Studies	1,732	467	99	0	20	0	2,318
714			Japanese Language Education	456	25	3	0	12	20	516
			Science Education·Curriculum Education total	3,218	671	194	34	66	20	4,203
721			Statistics	278	12	0	35	0	0	325
731			Computer Science	1,658	87	117	18	0	0	1,880
732			Intelligent Informatics	1,343	60	79	31	3	0	1,516
733			Study of Information System (Inclu. Library and Information Science)	1,014	157	32	38	4	10	1,255
			Information Science total	4,015	304	228	87	7	10	4,651
741	I		Social System Engineering	810	26	9	0	0	0	845
751			Natural Disaster Science	107	2	5	0	0	3	117
761			Plasma Science and Technology	384	4	19	52	0	3	462
772			Nuclear Fusion	142	3	3	36	0	3	187

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773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	247	2	12	3	0	0	264
774			Nuclear Power Science	385	1	7	8	0	0	401
			Energy total	774	6	22	47	0	3	852
801			Environmental Dynamic Analysis	404	12	7	1	0	0	424
802			Environmental Influence Assessment (inclu. Radiobiology)	392	13	18	3	0	7	433
803			Environmental Preservation	687	33	19	2	0	4	745
			Environmental Science total	1,483	58	44	6	0	11	1,602
811			Biological Organic Chemistry	415	5	6	0	0	8	434
812			Structured Biochemistry	372	7	1	0	0	5	385
813			Functional Biochemistry	552	20	3	0	0	0	575
			Biological Chemistry total	1,339	32	10	0	0	13	1,394
821			Biophysics	433	3	10	25	0	1	472
822			Molecular Biology	1,047	22	5	31	0	11	1,116
823			Cell Biology	682	5	0	11	0	17	715
824			Developmental Biology	365	1	2	22	0	3	393
	Basic Biology total	2,527	31	17	89	0	32	2,696		
831		Neuroanatomy and Neuropathology	289	8	0	2	0	0	299	
832		Neurochemistry and Neuropharmacology	329	3	0	2	0	2	336	
833		Neuro Science in General	573	14	3	35	0	1	626	
834		Neuro and Muscular Physiology	420	24	0	14	0	0	458	
		Neuro Science (inclu. Brain Science) total	1,611	49	3	53	0	3	1,719	
841		Laboratory Animal Science	169	0	1	1	0	34	205	
851		Medical Organism Engineering and Material Science of Organism	874	35	47	0	0	0	956	
	INTERDISCIPLINARY AREA Total			22,602	2,838	740	415	90	142	26,827
999	WIDE AREA Total			2,624	463	51	18	11	17	3,184
	Item n.a. Total			64,228	3,583	2,226	668	191	328	71,224
	Grand Total			231,239	16,278	7,146	2,082	699	1,080	258,524